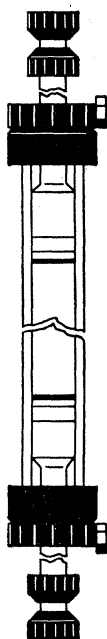


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The only laboratory columns especially designed for use in chromatographic separations with organic solvent systems. The columns are equipped with two specially designed adjustable flow adaptors for use with various bed heights and for ease of sample application. The columns have the advantage of allowing either descending, upward flow or recycling chromatography as one of their many features.

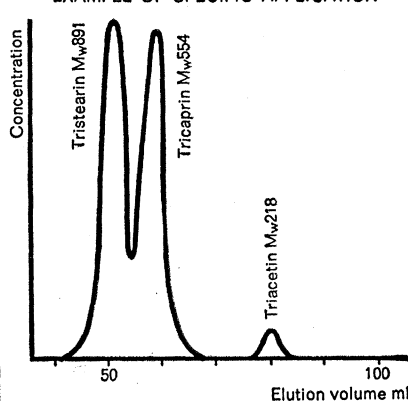
### RANGE OF APPLICATION

| Solvent           | Approx. solvent regain<br>ml solvent/g dry gel | Approx. bed volume<br>ml/g dry gel |
|-------------------|--|------------------------------------|
| Dimethylformamide | 2.2  | 4                                  |
| Water             | 2.1  | 4                                  |
| Methanol          | 1.9  | 3.5-4.0                            |
| Ethanol           | 1.8  | 3.0-3.5                            |
| Chloroform*       | 1.8  | 3.0-3.5                            |
| n-butanol         | 1.6  | 3                                  |
| Dioxane           | 1.4  | 2.5-3.0                            |
| Tetrahydrofuran   | 1.4  | 2.5-3.0                            |
| Acetone           | 0.8  | 1.5                                |

\*Containing 1% ethanol.

Particle size: 25-100  $\mu$

### EXAMPLE OF SPECIFIC APPLICATION



Separation of glycerol esters in chloroform. Bed dimensions: 2.5x32 cm. Sample: 2 ml containing 4 mg of each substance. Flow rate: 0.6 ml/min.

For additional technical information, including the booklets *Sephadex LH-20* and *The Sephadex Solvent-Resistant Columns*, write to:



**PHARMACIA FINE CHEMICALS INC.**  
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Pharmacia (Canada) Ltd., 110 Place Cr  mazie,  
Suite 412, Montreal 11, P. Q.

(Inquiries outside U.S.A. and Canada should be directed to PHARMACIA FINE CHEMICALS, Uppsala, Sweden.)

8 SEPTEMBER 1967

ter," lately known as the Biochemists' Job Information Pool.

Nearly 200 positions were sent in. Several were contributed by employers. Contributions came from nearly all academic levels, from graduate students to deans, but most were from people at the postdoctoral level. Probably no more than 75 people participated directly, but I feel certain the lists were seen and used by many more. I judge the experiment a qualified success. I observed that the system needs constant promotion and explanation. Advertising space in scientific journals would insure its smooth operation.

I have tried to interest graduate students in taking over the service, since it is mostly for their benefit and because I have had my fun with it, but most seem to prefer to rely heavily on patronage. It may be that they consider the quality of the leads given them by their sponsor at graduation as a sort of final grade, and grades are important if one has few other criteria for judging his worth.

Still, I commend this service to any group of graduate students or postdocs who want to take it over, perfect it, and make it permanent in their department. All it takes is a small amount of time, access to the departmental copying machine, and a cooperative spirit. I would hate to see employers in control of it. The idea is to advertise their positions in writing whether they want them advertised or not. I am ending my part in this venture because I do not believe it should remain in the control of one person. I only wanted to see if it works, which it does.

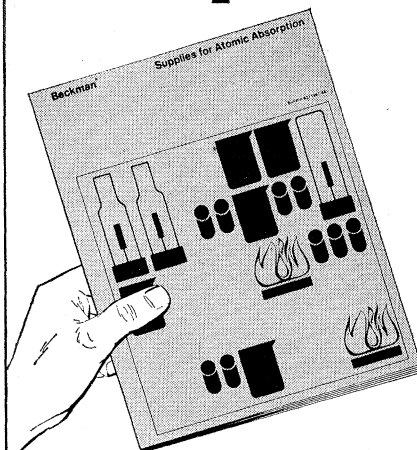
PETER L. PETRAKIS

*Division of Clinical Pathology and Laboratory Medicine, University of California, San Francisco 94122*

## Worthiness of Wit

In contrast to Bowne (Letters, 7 July) I am encouraged and heartened to see the human touch, emotion, in a scientific journal. Of course, there are places from which emotion must be edited, but I have yet to see any misplaced emotion in *Science*. The monotonous format of customary scientific literature should not be that of *Science*, for it is a magazine as well as a journal, and a magazine must have some wit to spark its readership. Allowing a little fun in

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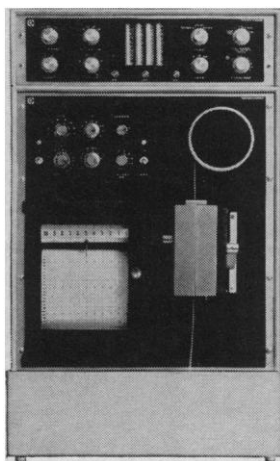
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the letters columns is in the interest of science and scientists, as well as of the few fuddy-duddies, in spite of what they say. Further, the humor in Bowne's letter is a definite step forward.

CONARD M. SWARTZ

Department of Chemical Engineering,  
California Institute of Technology,  
Pasadena 91109

Surely Bowne is aware that brains and bowels are as potently inter-influential in scientists as in other complete men.

JAMES D. SKEAN

Department of Biology, Western  
Kentucky University, Bowling Green

## Conflict in Medical Ethics?

Despite Levy's objections to the ethics of his military assignment, the oath taken by military officers does not conflict with the ethics of the medical profession. (News and Comment, 9 June, p. 1346).

The statement adopted by the American Medical Association's House of Delegates in June 1967 stated that the "oath, applicable to medical and other officers, provides that all officers shall support and defend the Constitution of the United States against all enemies, foreign and domestic, that they will bear true faith and allegiance to the Constitution of the United States and that they take such obligation freely and without any mental reservation or purpose of evasion. There is nothing in this oath which conflicts in any way with the ethics of the medical profession."

VINCENT A. JOY

460 Park Avenue, New York 10022

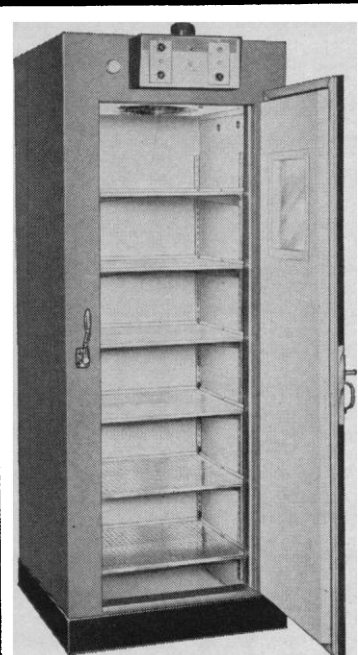
## Tenacious Jargon

In "The fuzziness of 'fuzz'" J. F. A. McManus wittily criticizes a new expression used in electron microscopy and electron microscopical jargon in general (Letters, 4 Aug.). I wonder, first, if it is of any use to attempt to eradicate jargon and, second, how reasonable McManus' criticism is.

With regard to my first question, it is interesting to note that there is almost no human activity—in science, technology, or sports—in which a particular jargon is not used. This is not necessarily an evil, as one example may

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