

REPORT to our Readers

Chemical Engineering Education has now published six issues and completed one and a half years of publication at the University of Florida. It is both surprising and gratifying to the editors that the publication continues to be well-received by the profession. Although we have expected our luck to run out, each issue seems to bring forth new commendatory letters and comments and there seems to be general agreement that the publication is filling an important need. We very much appreciate these expressions of support, but we realize that we are still amateurs in the publishing business. We cannot compete with commercial ventures or professional journals that are published by large societies and supported by dues.

During the past year we have again had an excellent response from our colleagues who have submitted manuscripts for publication. We have not been able to accept all papers submitted to us (rejected papers have usually been negatively reviewed, but a few have been deemed inappropriate for our journal.) Our editorial policy in each issue has been either to emphasize some particular theme or to try to achieve a balance among articles. The latter means not only that we try to have an article for every recurring department (e.g. Chemical Engineering Classroom), but also that we try to have represented in the issue the various technical areas of the profession. We also try to achieve balance among articles published in terms of type of school (public, private, graduate-oriented, undergraduate-oriented, etc.) and geographical location. While we have appreciated the opportunity to publish papers from some well-known people in the profession, we do not in any way discriminate against lesser-known but capable people from the undergraduate-oriented schools. We feel our journal is for the profession as a whole and not just an elite group or "in-group" of any kind.

The above policies also apply to the selection of our featured departments and featured educators. Here we have generally had an excellent response from people whom we have asked to write articles. However, there were two schools who were unable to submit a department article for this issue. As a result we have been forced to get together a last minute article on our own department—even though we have assiduously tried to avoid using articles from our own de-

partment in the journal. (Apparently we have been reasonably successful in not playing up our department, since a good number of visitors have commented on the journal without knowing we were publishing it!)

In order to survive it is necessary that we receive the financial support of departments, advertisers, and industrial donors. We have appreciated the fact that, due to the efforts of Joe Bergantz, nearly 100 departments are now contributing to **CEE**! However, last fall, the prospects for advertisements and donations seemed so gloomy, that we reduced our number of pages by eight. Since then, I am happy to report, the yeoman efforts of Professor Weber and the Publication Board have been paying off. It now looks like our combined industrial advertising and donation income will be within a few hundred dollars of last year's figure and could even be more than last year! Even brighter, however, are the prospects for the success of George Burnet's suggestion that the fall issue go to seniors interested in graduate work and that we seek departmental ads on graduate programs for the fall issue. Professor Bergantz states that now about 30 departments have indicated that they intend to buy a total of \$3000 of such advertising of which the increased costs of printing additional pages and 2000 more copies will be about half that amount.

Incidentally, since the Fall issue of **CEE** will carry paid advertisements from ChE departments and will go to seniors interested in graduate work, we felt the editorial content should emphasize basic areas of instruction and research in graduate studies. Accordingly prominent chemical engineering scholars will write on their graduate courses in certain important areas (such as control and optimization, thermodynamics, kinetics, applied mathematics, particular systems, etc.). Each article will outline a graduate course and indicate important areas of research in the field. In this manner we hope to encourage more seniors to continue their intellectual growth in graduate school.

R.W.F.

P.S. The Publications Board recently approved, effective January 1970, a charge to ChE Division members of \$6/yr. each for subscriptions. Bulk subscriptions to departments will be \$4/yr. each with a minimum charge of \$25. We expect to reach more faculty members this way and also to generate additional income.

NOTES TO AUTHORS:

P.S. We have a few words of instruction for future authors. Because of the limited amount of space available, the articles, papers or reports submitted to CEE should be concise, lucid and also brief. Follow nomenclature of standard textbooks or write equations or formulas clearly. Use consistent units of measurement and give dimensions for all terms.

Assume your reader has some expertise in the field and minimize the amount of historical background included. Avoid tables and graphs which involve duplication or unnecessary data. Frequently a graph or a few typical results may be substituted for a lengthy table.

Two copies of a paper are sufficient for review. After a paper has been accepted for publication, the author should send the editor a short biography and photo of himself to use with the article. M.T.

ACKNOWLEDGMENTS

The following companies have supported Chemical Engineering Education during the past year through donations in lieu of advertising.

C. F. BRAUN AND COMPANY
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THE STAUFFER CHEMICAL COMPANY

from the READERS

Correction from Lih

Sir: The beginning of the article on Stu Churchill (CEE Spring 1969) clearly illustrates what the chemical engineering teacher has to do these days. You have to stand on your head to catch the attention of students. Perhaps this is why Professor Churchill has been so successful and has had to engage in all sorts of athletic activities to keep it up.

The Japanese (and Chinese as well) character for HYO (leopard) is upside down.

Marshall M. Lih
Catholic University

Statistical Study

Sir: We have made a study which attempts to relate mathematically the number of staff members of professional rank required in a chemical engineering depart-

ment to the numbers of bachelors, masters and doctors graduated per year. No similar study could be found in the literature.

One purpose of this study was to analyze the relationship between the number of persons of professorial rank required in a chemical engineering program and the number of students to be graduated per year at various degree levels. In light of the rapid expansion currently taking place in most universities it is important that this relationship be understood in order that intelligent administrative and educational decisions and forecasts may be attempted. In the present study this relationship is analyzed only for chemical engineering programs since this case was of immediate concern to the authors. The main problem involves estimating how much of the total variability in the number of professors of chemical engineering from university to university is due to the different numbers of degrees granted, and how much is due to "other factors" such as

Different emphasis on research activities
Different policies concerning the amount of administrative work to be performed by the professors