

## PREFACE

This is the Silver Anniversary for *Advances in Chemical Engineering*, founded by Thomas Drew and John Hoopes in 1956. The first volume contained review papers by legendary luminaries such as Westwater, Metzner, Bird, Sage, Treybal, Schrage, and Henley. Let me quote from the first preface:

The end *Advances in Chemical Engineering* seeks to serve is to provide the engineer with critical running summaries of recent work; some that bring standard topics up to date; others that gather and examine the results of new or newly utilized techniques and methods of seeming promise in the field .... The editors salute and thank the authors who have braved the vicissitudes of this new venture, and commend their efforts to their colleagues: the engineers of chemical industry.

This Silver Anniversary volume contains review papers by contemporary luminaries such as Ottino, Davis, Silveston, Li, Yuan. *Advances* is still dedicated to providing engineers with the timely information to update and to explore new fields. However, the chemical industry is no longer our only concern, as we have enlarged our frontier to include many new industries in which chemistry plays a significant role. Chemical engineers are now making major contributions in such fields as biochemical processing, biomedical devices, electronic and optical material and devices, advanced materials, and safety and environmental protection. Chemical engineers are also discovering new scientific concepts and tools in the fields of mathematical and computation analysis, computer-assisted process and control, and surface sciences.

We are looking forward to the Golden Anniversary in the year 2024, and we cannot wait to see how the world of chemical engineering will shape up.

JAMES WEI