

PREFACE

Since the last volume of this series appeared, we have introduced desktop publishing procedures to facilitate the production of indexes and text. Consequently, we can accelerate our publishing schedule. Now that the essays for 1989 are in hand, we expect volume 13 to be ready by year end.

Choosing a title for each volume of these *Essays* has always been difficult. The subject of creativity and delayed recognition was selected, not only because it has been dealt with in this volume, but also because of my preoccupation with that topic in many lectures as, e.g. in Spain and Denmark last year. A more personal choice would have been “Saxophobia,” a topic I continue to enjoy immensely. I take special pride in reminding friends that Rudy Wiedoeft was as much an American symbol in his time as Frank Sinatra is, and has been, in recent decades. Neither of these gentlemen, however, is as well known to American children as Mr. Rogers. Surely nurturing our children is a facet of creativity that should be obvious.

It is a challenge, not unlike that faced by scientific reviewers (such as the winners of the NAS Award I discuss each year) to discuss briefly the dozens of topics covered in this volume. The thread of connectivity, apart from citation analysis, is my own eclecticism. I am no longer embarrassed to admit openly that my curiosity about so many things reflects an insatiable appetite to explore new topics. That is why my more recent role as editor and publisher has taken on a special meaning. I can now ask others to participate in exploring and explaining ideas I’ve enjoyed, as well as those I’ve researched. Hence, the many articles by good friends such as Joshua Lederberg, Harriet Zuckerman, Carl Djerassi, Rudy Schmid, Bernard Dixon, etc.

The essays by economist Arthur Diamond and information scientists Jean King and Belver Griffith are excellent examples of the constructive use of citation based studies. While my own formal research is now minimal, others are taking up the challenges of the citation process. This is also beautifully illustrated in the work of Ray McInnis and Dal Symes.

Increased awareness of the need to turn children on to science was very evident in 1989. This topic is represented here and has been dealt with earlier, and since, by countless others. Even the President of the United States appears to recognize science education as a major problem. Hopefully, some positive action will be taken in the

near future. Andrew Herxheimer's essay reflects my continuing interest in science communication — what Steve Lock calls journalology.

This volume contains tributes to several greatly admired colleagues. Marjory Stoneman Douglas recently celebrated her 101st birthday. On the other hand, my dear friend, Manfred Kochen, died in 1989. It was a privilege to reprint his article on how we acknowledge intellectual debts. Last April I was present at the National Academy of Sciences awards ceremonies during which Linus Pauling was given a standing ovation on his 90th birthday. ISI co-sponsors with *Annual Reviews* the NAS Award for Scientific Reviewing. Finally, I wish to acknowledge my gratitude to Roald Hoffmann for writing the foreword to this volume, but more so for his continued friendship and encouragement.