FOREWORD

Don Burkholder is a preeminent scholar and researcher in the field of probability. He came to the University of Illinois at Urbana-Champaign in 1955 and was promoted to the rank of Professor in 1964. He was named a permanent member of the University of Illinois Center for Advanced Study in 1978 and was elected to the National Academy of Sciences in 1992. He served as the editor of the Annals of Mathematical Statistics and President of the Institute of Mathematical Statistics.

Dates and times, however, can never capture the real person. Don is an example of what is best in our profession. While he is incredibly deep, extracting every last ounce of understanding from the structure of martingales, his interests are also very broad. He understands how mathematics fits together. Both in his own work, which established subtle but fundamental connections between martingale theory and analysis, and also in his service to the profession (and the department), he innately sees the beauty in the whole range of our endeavors.

Don is a very humble and modest man. He believes that, young and old, his colleagues were all capable of wonderful things. It was inspiring to start a career (as we three editors did) in the presence of such an eminent, yet supportive, person.

> Robert Bauer Renming Song Richard Sowers

Urbana, Illinois December, 2011