

## Victor Goodman

Victor Goodman received his B.A. degree in mathematics at the University of Kansas in 1965, and his Ph.D. degree in mathematics at Cornell University in 1970. After spending two years as a postdoctoral fellow at the University of New Mexico, Victor joined the mathematics department at Indiana University as an assistant professor. He was promoted to associate professor in 1978, and to full professor in 1992.

In his research Victor has made significant contributions to a broad range of different mathematical topics, primarily in probability theory, including Brownian motion and other Gaussian processes, empirical processes, limit theory for random variables taking values in abstract spaces, stochastic integrals and stochastic differential equations, and financial mathematics. The breadth of his research interests and the quality of his work are reflected in the range and quality of journals in which his papers have appeared: very good general mathematics journals, including the *Proceedings of the American Mathematical Society*, the *Transactions of the American Mathematical Society*, and the *American Journal of Mathematics*; top probability journals, including *Probability Theory and Related Fields*, the *Annals of Probability*, and the *Journal of Theoretical Probability*; and also the *Journal of Mathematical Psychology*. He and two co-authors published a special invited paper in the *Annals of Probability* in 1981. In 1992 he was elected a fellow of the Institute of Mathematical Statistics, in recognition of his research and his service to the profession.

Victor has also made his mark as a teacher of mathematics in many different ways. He is a very fine teacher of courses at all levels. He has given excellent seminar talks on a variety of topics in probability theory. Nine students have completed a Ph.D. degree in mathematics here at Indiana University under Victor's direction. As he retires, he will continue to advise his current Ph.D. students. Over the years he has spent a tremendous amount of time mentoring graduate students in one-on-one sessions in his office. Victor co-authored with Professor Joseph Stampfli a textbook titled *The Mathematics of Finance: Modeling and Hedging*, published by the Brooks/Cole Publishing Company. He and Stampfli together developed a course in mathematical finance. About 10 years ago, in consultation with faculty members in the Department of Economics and in the School of Business, Victor developed a master's degree program in mathematical finance, and he has served as its director. During those 10 years he has mentored several graduate students in the field of mathematical finance. In another vein, Victor organized and ran the summer 2006 Research Experience for Undergraduates program in mathematics here at Indiana University. In that program about 10 undergraduate students from various colleges and universities around the nation came to our department for eight weeks and did mathematical research under the guidance of various mathematics department faculty members.

As part of the broad spectrum of mathematics courses that he has instructed, Victor has taught a variety of courses in statistics; and he was recently appointed adjunct professor in the new Department of Statistics. In recognition of his contributions to the teaching of mathematics, Victor received the math department's most prestigious teaching award, the Rothrock Mathematics Faculty Teaching Award, in the year 2001, and an Indiana University Trustees Teaching Award in 2005.

Victor has also contributed substantial service to the mathematics department and the university, as well as to the mathematics community in general. He served the mathematics department as director of undergraduate studies for two years (1983–1985), as scheduling officer for one year (1986–1987), as colloquium chair for one year (1991–1992), and as director of graduate studies for two years (1992–1994); and he has served on numerous other important committees in the department. He organized the two-day Sherman Memorial Conference (in probability theory) held at Indiana University in March 1990. He organized the Second International Symposium in Probability and Applications, sponsored by the Institute of Mathematical Statistics and held at IU in March 1993. That

was a substantial conference, with about 150 mathematicians from around the nation and the world. He also supervised the Actuarial Exams at IU for several years. Victor served for a year as an evaluator for mathematics teaching candidates in the Malaysia Cooperative Program. For well over a decade he was an associate editor of the journal *Statistics and Probability Letters*. He has also been a very good person to go to for a sound, common-sense perspective and advice when one is confronted with puzzling predicaments that arise in the course of one's own professional work. In these and in numerous other ways, Victor has contributed much valuable service to his colleagues, the mathematics department, the university, and the general mathematics community.

Victor also has a broad range of interests outside of mathematics, including, among other things, skiing, hiking, golf, horseback riding, and flying small airplanes. He is a skilled and steady sailor and has won several sailing regattas, including one on the Ohio River. He has served as a board member for the IU Yacht Club and the Bloomington Yacht Club.

Victor is a very good friend to all who know him. We all wish him and his wife, Jackie, a long and happy retirement, with many more years of enjoyment with endeavors in mathematics, sailing his boat Sister Midnight, golf, and other interests.

*Richard Bradley*