



*Institute for Operations Research
and the Management Sciences*

2004

INFORMS SPECIAL RECOGNITION PRIZE FOR CONTRIBUTIONS TO OPERATIONS RESEARCH

Awarded to

Fred Glover

This prize is awarded to Fred Glover in recognition of the impact of his long list of contributions to the field of operations research. His body of work has been widely adopted in the research community and has seen widespread use in industry. For example, Fred's work on modeling and solution methodologies in network flow programming has motivated a wealth of research as well as industrial applications in revenue management software for airlines, telecommunication networks, transportation and distribution, supply chain management and logistics, to name a few. Advances in solving integer programming in practice include the early development of primal-dual approaches and the general application of heuristics based on surrogate constraint relaxations. Fred's tabu search methodology has seen extensive use in the research community, where it has been recognized as a powerful tool for tackling a broad range of hard problems. Also, developers have embedded tabu search in commercial optimization software, enabling practitioners to exploit the effectiveness of this methodology when applied to a wide variety of real-world problems.

There are several important themes in Fred's body of work that make it exceptional. He has developed new methodologies through synthesis and problem-driven approaches. He has successfully transferred technologies from one area of knowledge to another. And, his work has been seminal to researchers and applicable to practitioners.

Fred's accomplishments were the inspiration for the newly created INFORMS Impact Prize. The INFORMS Professional Recognition Committee and the Denver Meeting Organizing Committee proudly present this special recognition prize to Fred Glover.

Warren B. Powell, Committee Chair

Michael H. Rothkopf, President

October 25, 2004