

Excerpt of Introduction by Ian Duncan:

This book covers the developing topic of care management interventions: design, management, and evaluation. Originally written for actuaries (the financial engineers of the healthcare payment system) I hope that it will be of value to anyone interested in these aspects of the management of healthcare intervention programs. The first edition addressed selected operational topics (such as the organizational structure and management of a disease management program) but its focus (appropriately for actuaries) was generally on cost, outcomes, and other financial issues. The topic of care management programs has expanded considerably since the publication of the first edition in 2008. Focus has shifted from single disease or multiple chronic disease management to a Population Health Management (PHM) approach as payers and policymakers recognize the importance of person- and population-centricity. This shift impacts not only the structure and operations of care management but also payment, metrics and reporting, topics that we address later in the book.

Since the publication of the first edition, this area has seen an explosion in research, innovations in interventions, techniques and programs.

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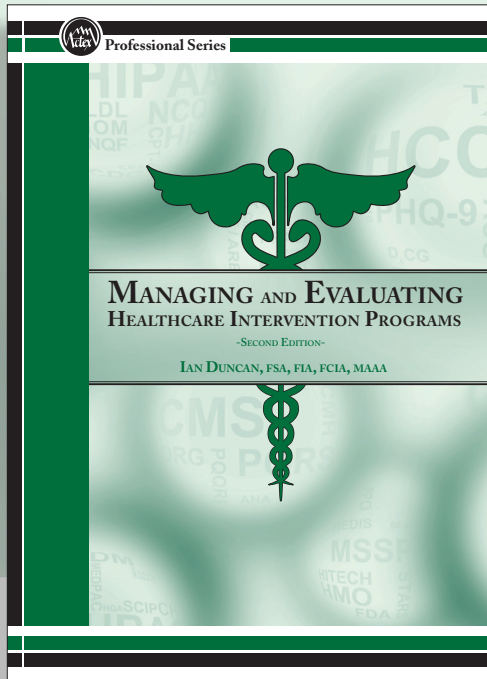
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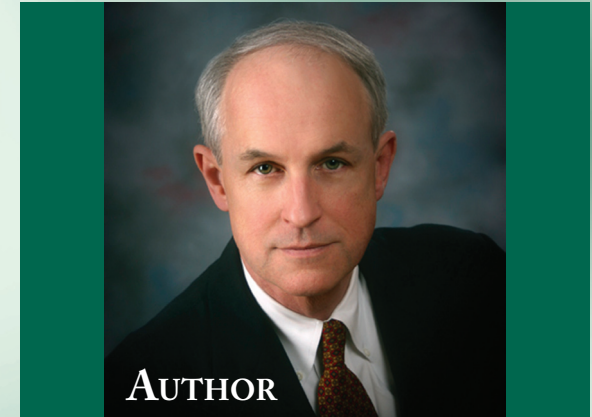
Since its publication in 2008, *Managing and Evaluating Healthcare Intervention Programs* has become the premier textbook for actuaries and other healthcare professionals interested in the financial performance of healthcare interventions. The second edition updates the prior text with discussion of new programs and outcomes such as ACOs and Bundled Payments and Medication Management, together with new chapters that include Opportunity Analysis, Clinical Foundations, Measurement of Clinical Quality, and use of Propensity Matching.

“ *This book is an impressive tour of substantive actuarial research on a wide variety of critical topics. Ian raises and answers a wide variety of questions about how to think actuarially about healthcare interventions. The book positions itself nicely in the space between economics and actuarial science, using cutting edge empirical methodologies to answer the underlying research questions that matter quite a lot for actuaries.* ”

— Jonathan Gruber, Ph.D.
Professor of Economics, MIT

“ *Ian Duncan has written a timely and readable book on managing and evaluating the financial results of care management programs. The tools and techniques he discusses are of interest beyond the actuarial world, and will be of great use to researchers and policy makers who want to understand if these programs actually work and their potential role in helping to control health care costs. Anyone who reads Duncan's book will be able to cut through the hype about care management in a more informed, objective and insightful way.* ”

— Nancy Turnbull
Associate Dean for Educational Programs
Harvard School of Public Health



Ian Duncan, FSA, FIA, FCIA, MAAA retired as president and founder of Solucia Consulting (now SCIO Health Analytics) in 2010 and is an Adjunct Associate Professor of Actuarial Statistics in the Dept. of Statistics & Applied Probability at the University of California, Santa Barbara. He has over 30 years of experience in healthcare and insurance product design, management, financing, pricing and delivery. He is a frequent speaker about health outcomes, predictive modeling and risk adjustment.

Mr. Duncan holds a post-graduate degree in economics from Balliol College, Oxford and is a Fellow of the Society of Actuaries, the Institute of Actuaries (London) and the Canadian Institute of Actuaries. He is on the boards of directors of the Commonwealth of Massachusetts Health Insurance Connector Authority, the Society of Actuaries and the Bryan University Health Informatics Advisory Board.