Contributors

James H. Alleman is a Visiting Associate Professor in the Media, Communications and Entertainment Program at Columbia Business School, and Director of Research, Columbia Institute for Tele-Information, New York and Associate Professor for the Interdisciplinary Telecommunications Program at the University of Colorado, USA. Dr Alleman founded Paragon Service International – a telecommunications call-back firm. He has been granted patents on the call-back process widely used by the industry.

T. Randolph Beard was educated at Tulane University and Vanderbilt University, where he received a PhD in Economics in 1988. He is Associate Professor of Economics at Auburn University, where he specializes in microeconomics, regulation and industrial economics. He is author of two books, Economics, Entropy and the Environment (Edward Elgar, 2000) and Initial Public Offerings: Findings and Theories (Kluwer, 1995). His work has appeared in RAND Journal of Economics, Review of Economics and Statistics, Journal of Business, Management Science, Journal of Industrial Economics, and many other academic outlets. His current research focuses on telecommunications deregulation and imperfect competition.

Yale M. Braunstein is a Professor at the School of Information Management and Systems of the University of California, Berkeley. Dr Braunstein received a BSc degree from Rensselaer Polytechnic Institute and a PhD in Economics from Stanford University. Prior to his appointment at Berkeley, he was a member of the economics faculties at New York and Brandeis Universities. Dr Braunstein has served as a consultant for several corporations and government agencies, including the US Department of Commerce, the FCC, the Ministry of Communications of the State of Israel, and the national telecommunications regulator in Sweden. He is currently a member of the editorial board of Information Economics and Policy.

Laurits R. Christensen is Chairman of Laurits R. Christensen Associates in Madison, Wisconsin. In his 20 years as an economics professor Dr Christensen published in leading economic journals, and among his areas of expertise are productivity measurement, applied microeconomics and
econometric modelling. In the telecommunications industry, he is a noted authority on productivity studies and incentive regulation. Dr Christensen testified in the landmark DOJ v. AT&T, and MCI v. AT&T cases, which led to the divestiture of AT&T.

Grant Coble-Neal is a Research Fellow at the Communication Economics and Electronic Markets Research Centre located at Curtin University of Technology. Grant recently received the Best Student Paper award from International Telecommunications Society Asia-Indian Ocean Regional Conference. He has co-authored with Gary Madden several articles analysing aspects of the telecommunications industry. His work has appeared in *Applied Economics, The Economic Record, Information Economics and Policy, International Journal of Forecasting, Prometheus and Telecommunications Policy*.

Russel J. Cooper is Foundation Professor of Economics at the University of Western Sydney, Nepean. His research interests include inter-temporal optimization models, duality theory and applications, inter-industry modelling, applied consumer demand studies and spatial economics. He has published in *Econometrica, International Economic Review, Review of Economics and Statistics, Macroeconomic Dynamics, Canadian Journal of Economics, Economics Letters and Economic Record*. His current research concerns new growth economics, the economic modelling of optimization decisions of firms and households under uncertainty, applications of duality theory for estimation of cost functions, investment and pricing decisions of high-technology firms and the rational economic modelling of technology transfer across the digital divide.

W. Erwin Diewert is a Professor of Economics at the University of British Columbia. He has published widely in journals and books. His main areas of research include duality theory, flexible functional forms, index number theory (including the concept of a superlative index number formula), the measurement of productivity and the calculation of excess burdens of taxation. He has acted as a consultant on measurement and regulatory issues for the IMF, the World Bank, the Bureau of Labor Statistics, the Bureau of Economic Analysis, the OECD, the New Zealand Treasury, the Business Roundtable in New Zealand, Bell Canada, B.C. Telephone, the American Association of Railways, the Victorian Treasury and Industry Canada.

Michael A. Einhorn is Principal, LECG, LLC, New York and an Adjunct Professor at the Fordham Graduate School of Business, New York. Previous employment includes Bell Laboratories, Rutgers University and the Antitrust Division of the US Department of Justice. Dr Einhorn's general interests include applied microeconomics, intellectual property,
media economics and public utility regulation. He has published articles on incentive regulation, regulated pricing, antitrust, copyright, market compatibility and international settlements. The views expressed here are those of the author and do not necessarily represent the positions of other experts at LECG.

**George S. Ford** is Chief Economist of Strategic Policy and Planning at Z-Tel Communications, and is responsible for performing and evaluating economic analyses pertaining to Z-Tel's strategic plans and public policy positions. Dr Ford began his career as a professional economist in the Competition Division of the FCC, where he became involved with competition and regulation issues across all industries under the FCC’s jurisdiction. After serving with the FCC, Dr Ford became a Senior Economist at MCI-Worldcom. Dr Ford received his PhD in Economics from Auburn University.

**Douglas A. Galbi** is a Senior Economist at the FCC. After earning a PhD in Economics from MIT, he did economic research and policy analysis at King's College Cambridge, at the Macroeconomic and Finance Unit, Moscow, and at the World Bank, Washington. He has served as the Chief Economist for the FCC’s International Bureau. His research interests include network interconnection, media development, and the social and political effects of communications technology.

**Benjamin E. Hermalin** is the Willis H. Booth Professor of Banking and Finance at the Walter A. Haas School of Business, University of California, Berkeley, where he is also currently serving as Associate Dean for Academic Affairs. In addition, he holds an appointment at the Department of Economics, University of California, Berkeley. Professor Hermalin has published on a wide range of topics within economics. His primary research area, however, is the economics of organization, in which he has studied a variety of questions including issues of contract renegotiation, boards of directors, and, most recently, corporate culture and emotional responses.

**Michael L. Katz** is the Edward J. and Mollie Arnold Professor of Business Administration at the University of California, Berkeley. He has published articles on the economics of network industries, intellectual property licensing, telecommunications policy, and cooperative research and development. He is a co-editor of *The California Management Review* and serves on the editorial board of *The Journal of Economics and Management Strategy*. Dr Katz is a member of the Computer Science and Telecommunications Board of the National Academy of Sciences. Dr Katz was Chief Economist of the FCC from January 1994 through January 1996.
Mark E. Meitzen is a Vice President at Laurits R. Christensen Associates in Madison, Wisconsin. He has expertise in telecommunications costing methods, productivity measurement and incentive regulation. Among his recent assignments Dr Meitzen directed a project that helped a Latin American regulator implement price-cap regulation in that country’s telecommunications industry. He has also directed projects that measure the costs of universal service.

M. Ishaq Nadiri is the Jay Gould Professor of Economics at New York University and Faculty Research Associate of the NBER. He has taught at University of California, Berkeley, Northwestern University, University of Chicago and Columbia University. He was the chairman of the Economics Department at New York University and the Director of C.V. Starr Center. His main research interests and fields of specialization include productivity analysis, telecommunications economics, investment theory and modelling, monetary economics, quantitative analysis, applied economics, economics of technical change and investment in R&D. He has served as a consultant to a number of corporations and organizations, including the Ford Foundation, the UNCTAD, several governmental agencies and foreign governments, the United Nations Agencies, World Bank and IMF.

Banani Nandi is a Principal Technical Staff Member with AT&T Laboratories (formerly AT&T Bell Laboratories). She received her PhD degree from New York University and her PhD dissertation was awarded the Otto Ehrlich Memorial Award. Before joining AT&T, she taught at Calcutta University, Columbia University, New York University and Rutgers University. Dr Nandi’s fields of specialization include international trade and econometrics. At present, her research focuses on the impact of telecommunications and information technologies on productivity and economic growth.

Paul N. Rappoport is an Associate Professor of Economics in the Department of Economics at Temple University, Philadelphia, USA. He is the founder and former Chairman of PNR and Associates. He is also a Senior Academic Fellow in Temple’s E-Commerce Institute. His current research interests include modelling business demand for bandwidth, measuring Internet transactions, developing Internet metrics and e-commerce benchmarks.

Philip E. Schoech is a Vice President at Laurits R. Christensen Associates in Madison, Wisconsin. His research interests are in the areas of productivity measurement, econometric cost analysis and incentive regulation. Dr Schoech has conducted a variety of productivity and econometric cost
studies of the telecommunications, postal, electric and gas utility, transporta-
tion and manufacturing industries.

**Lester D. Taylor** is Professor of Economics and Professor of Agricultural and Natural Resource Economics at the University of Arizona, Tucson, USA. He has a PhD in Economics from Harvard, and taught at Harvard and the University of Michigan before moving to Arizona in 1972. For the past 25 years, his published research has focused heavily on the telecommunications industry. His most recent book in telecommunications, *Telecommunications Demand in Theory and Practice*, was published in 1994.

**Terence J. Wales** is Professor Emeritus of Economics at the University of British Columbia. He has published papers in journals and books. His research interests are primarily in the areas of applied consumer and producer demand analysis. In particular they focus on the myriad of econometric issues that arise in applying the appropriate standard economic theory to the data including the introduction of demographics, use of flexible functional forms and the imposition of curvature conditions required by the theory.

**Dennis L. Weisman** is a Professor of Economics at Kansas State University and a former Director of Strategic Marketing for SBC Communications. His primary research interests are in the areas of government regulation and strategic firm behaviour. In addition to publishing journal articles and book chapters, he is the co-author of *Designing Incentive Regulation for the Telecommunications Industry* (MIT Press and AEI Press, 1996) and *The Telecommunications Act of 1996: The ‘Costs’ of Managed Competition* (Kluwer Academic Press, 2000). He also serves on the editorial boards of the *Journal of Regulatory Economics* and *Information Economics and Policy*. 