

PURC Former Students

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Celeste K. Carruthers (Ph.D. in Economics, 2009, "Faculty Composition and Student Achievement in Charter Schools"). Dr. Carruthers joined the University of Tennessee faculty in the fall of 2009. Her research interests include the economics of education, school choice and competition, antitrust economics, and industrial regulation. She wrote "Twombly and the Evolution of Telecom Regulation," published in the *Antitrust Bulletin* 2008 symposium on Roberts Court antitrust cases. She also co-authored a chapter on the economics of monopoly power with Dr. Roger Blair for *Antitrust Law & Economics*.

Liangliang Jiang (Ph.D. in Economics, 2009, "Empirical Essays in Corporate Governance, Regulation and Corruption"). Dr. Jiang has been an assistant professor of economics at [Lingnan University](#) in Hong Kong since August 2009. She has written a paper with Dr. Chen Lin, "Universal Service Subsidies and Cost Inflation: Evidence from Telecommunications Sector in U.S." and has also writing several auctions for radio spectrum case studies with PURC Director Dr. Mark Jamison, including "Universal Service Subsidies and Cost Inflation" and "Telecommunications Service in Developing Countries: Impact of Regulation on Bribery."

Mircea I. Marcu (Ph.D in Economics, 2008, "Essays in the Economics of Networks"). Dr. Marcu has written papers with various members of the department of economics at UF, including "Quality Provision in Two-Sided Markets: the Case of Managed Care," "Competition and Mobile Communications in Former Socialist Countries," and "Fixed and Mobile Broadband Deployment: An Empirical Analysis of Adoption Factors." He has also worked with the UF Institute of Child Health Policy. His research interests include two-sided markets, telecommunications, health economics, and competition policy.

Maria Luisa Cortón (Ph.D. in Economics, 2008, "Essays on Latin American Infrastructure: Empirical Studies of Sector Performance"). Dr. Cortón is currently a visiting assistant professor of economics at the [University of South Florida](#) in St. Petersburg. With PURC Director of Water Studies Sanford Berg, she wrote several papers on benchmarking, including "Benchmarking in the Latin American Water Sector: The Case of Peru," *Utilities Policy* (2003) and, with Alejo Molinari, "ADERASA'S Role in Regulatory Collaboration in the Americas," published in *Water 21-Special Issue on Latin America* (2008). While at PURC, she collaborated with Dr. Berg on a [PURC/World Bank project focusing on benchmarking methodologies and a PURC-IDB project on Central American water benchmarking](#). She has also written numerous other PURC papers, such as "Benchmarking Central American Water Utilities, Final Report," and "Water Utility Benchmarking for Managerial and Policy Decisions: Lessons from Developing Countries," in *Performance Assessment of Urban Infrastructure Services*. She also represented PURC at several water regulatory meetings and conferences in Latin American countries.

Burcin Unel (Ph.D. in Economics, 2007, "Essays in Industrial Organization"). Dr. Unel has been an assistant professor at [Boğaziçi University](#), in Istanbul, Turkey, since February 2008. She is currently working on an American Water Works Research Foundation project for Water Supply Planning in the Lower East Coast of Florida. She has published "Privately-Negotiated Input Prices," a paper co-authored with PURC Senior Research Associate David E. M. Sappington, and has written several papers analyzing the welfare effects of alliances, including "The Welfare Effects of International Strategic Alliances" and "International R&D Alliances."

Hamilton Silva (Ph.D. in Economics, 2007, "Empirical Essays in the Economics of Regulation"). Dr. Silva is director of the [Brazilian Court of Audits](#) in the Brazilian State of Espírito. He has more than fifteen years' experience working with high-level government officials and has been highly involved with electricity regulation in Brazil. Prior to his position as director, he was a senior analyst with the company, where he implemented an extensive data collection effort and conducted studies on regulatory issues using his expertise in benchmarking techniques, skills in econometrics, and the theoretical formation of economic regulation. He has also written several papers that evaluate regulatory processes in Brazil, including "Cost Efficiency in Periodic Tariff Reviews: The Reference

Utility Approach and the Role of Interest Groups," "An Empirical Assessment of the Regulator's Performance in the Brazilian Electricity Sector," and "Privatization, Incentive Regulation, and Efficiency Improvements in the Brazilian Electricity Distribution Industry."

Guillermo Sabbioni (Ph.D. in Economics, 2007, "Theoretical and Empirical Analyses of Incentives and Public Ownership"). Dr. Sabbioni is an associate with [The Brattle Group](#). He has written several papers, including "Efficiency in the Brazilian Sanitation Sector" and "Econometric Measure of the Relative Efficiency of Water and Sewerage Utilities in Brazil."

Richard Gentry (Ph.D. in Management, 2006, "Real Options and Aspirations: A Behavioral Theory of Firm Decision Making"). Dr. Gentry is an assistant professor at [West Virginia University](#). While at UF, Dr. Gentry and PURC Director Dr. Mark Jamison co-authored "Trait-based Imitation Among Entrepreneurial Market Entrants," which was recognized as an outstanding student paper at the 2005 Strategic Management Society meeting. Dr. Gentry also gave presentations on competition economics with Jamison to the Nigerian Communications Commission.

Chen Lin (Ph.D. in Economics, 2006, "Essays on Government, Regulation, and Incentives"). Dr. Lin is an assistant professor at [City University of Hong Kong](#). Prior to this position, he taught at [Lingnan University](#) in Hong Kong. Dr. Lin received his bachelor's degree in civil engineering from the [South China University of Technology](#) in 2000 and an MBA (2004), M.A. (2005) and Ph.D. (2006) from the Warrington College of Business Administration, University of Florida. Dr. Lin's research interests include banking and financial institutions, mutual funds, corporate finance, corporate governance, financial regulation, public economics, and development economics. His papers are published or forthcoming in the *Journal of Financial Economics*, *Journal of Financial and Quantitative Analysis*, *Journal of Public Economics*, *Journal of Corporate Finance*, *Journal of Banking & Finance*, *Journal of Regulatory Economics*, *Managerial and Decision Economics*, *Review of Industrial Organization*, *Corporate Governance: An International Review*, *Applied Economics*, and others. He has also served as a consultant to the Asian Development Bank and the World Bank.

Troy Quast (Ph.D. in Economics, 2006, "The Telecommunications Act of 1996"). Dr. Quast is an assistant professor of economics at [Sam Houston State University](#). He has written several papers analyzing the implementation of the Telecommunications Act of 1996, including "An Analysis of the Extent and Means of Entry into Local Telecommunications Markets" and "Are Elected Regulators More Political than Appointed Regulators?" He has also co-authored a health economics paper with Dr. David Sappington, "Does the Form of Doctor Compensation Affect the Quality of Care in Medicaid HMOs?" In addition to these papers, he has papers published or forthcoming in *Telecommunications Policy* and the *Journal of Regulatory Economics*.

Salvador Martinez (Ph.D. in Economics, 2004, "Essays in the Economics of Solid Waste Management and Recycling"). Dr. Martinez is an assistant professor of economics at [Weber State University](#) in Ogden, Utah. He has published "The Determinants of Household Recycling: A Material Specific Analysis of Recycling Program Features and Unit Pricing," (with R. Jenkins, K. Palmer and M. Podolsky) *Journal of Environmental Economics and Management* 45: 294-318, 2003; "Implementing Electricity Restructuring: Policies, Potholes, and Prospects," (with T. Brennan and K. Palmer) *Environmental and Resource Economics* 22(1-2): 99-132, 2002; "Alternating Currents: Electricity Markets and Public Policy," (with T. Brennan and K. Palmer) *John Hopkins Press*, 2002; and a chapter in *Private Initiatives in Infrastructure: Priorities, Incentives, and Performance*, "Public Power: Perspectives in Electricity Restructuring," edited by PURC Director of Water Studies Sanford Berg and Michael Pollitt of the University of Cambridge and Masatsugu Tsuji of Osaka University, Cheltenham, UK: Elgar, 2002.

Chifeng Dai (Ph.D. in Economics, 2003, "Three Essays in Incentives and Information Economics"). Dr. Dai is currently assistant professor of economics at [Southern Illinois University](#), Carbondale. Dr. Dai collaborated with Tracy Lewis on "Delegating Management to Experts," *Rand Journal of Economics*, 37: 503-520, 2006. . He has also written "The Appeals Process in Principal-Agent Relationships," "Optimal Contracting with Wealth-Constrained Operators of Unknown Ability," and "Selecting Preferred Cost Distributions."

Mary E. Davis (Ph.D. in Economics, 2003, "The Politics of the Environment: An Analysis of State Regulatory and Special Interest Behavior"). Following her graduation, Dr. Davis completed a post-doctoral fellowship in biostatistics at the Harvard School of Public Health. She currently holds a joint appointment as an assistant professor at [Tufts University](#) in Urban and Environmental Policy and Planning and as a visiting scientist at the [Harvard School of Public Health in Environmental Health](#), where her research focuses primarily on the interaction between public health and the environment.

Jacqueline Hamilton (now Jacqueline Horrall; Ph.D. in Economics, 2002, "Telecommunications Reform in Africa and the United States"). Dr. Horrall is an assistant professor of economics at the [University of Pittsburgh at Greensburg](#). While at the University of Florida, she collaborated with Dr. Sanford Berg on "Institutions and Telecommunications Performance in Africa: Stability, Governance, and Incentives" and wrote "Are Main Lines and Mobile Phones Substitutes or Complements? Evidence from Africa" and "Institutions, Political Regime and Access to Telecommunications Infrastructure in Africa." She has papers published in *Telecommunications Policy*, *Journal of Development Economics*, and *Review of International Organizations*.

Eric Chiang (Ph.D. in Economics, 2002, "Cross-Border Intellectual Property Rights Enforcement and International Technology Transfer"). Dr. Chiang is now an assistant professor of economics at [Florida Atlantic University](#). While attending UF, he completed two working papers for CIBER: "Effect of Market Competition on Cross-Border Intellectual Property Rights Litigation" and "Determinants of Cross-Border Intellectual Property Rights Enforcement: The Role of Trade Sanctions." He has since published "Copyright Piracy on the University Campus: Trends and Lessons from the Software and Media Industries," with Djeto Assane, in the *International Journal on Media Management*, and "The Influence of Federal Lab R&D Industrial Research," with James Adams and Jeffrey Jensen, in the *Review of Economics and Statistics*. He also has written numerous papers with Dr. Mark Jamison and Dr. Janice Hauge, including "Whose Call Is It? Targeting Universal Service Programs to Low-Income Households' Telecommunications Preferences," "More Than a Lifeline: Low-Income Households' Telecommunications Preferences," and "Subsidies and Distorted Markets: Do Telecom Subsidies Affect Competition?"

Mark Jamison (Ph.D. in Economics, 2001, "Industry Structure and Pricing: The New Rivalry in Infrastructure"). Dr. Jamison was named PURC director in May 2004 and has served as PURC's Director of Telecommunications Studies since 1996. His biography and CV can be found through the [faculty page](#).

Janice A. Hauge (Ph.D. in Economics, 2001, "Effects of the 1997 Balanced Budget Act on Medicare Managed Care Providers"). Dr. Hauge is an associate professor of economics at the [University of North Texas](#), Denton. She wrote "Regulatory Cases: Cost of Capital and Price Reviews" while at the University of Florida. With Dr. Mark Jamison, she wrote "Global Rivalry in Infrastructure," "Getting What You Pay For: Analyzing the Net Neutrality Debate," "Dumbing Down the Net: A Further Look at the Net Neutrality Debate," and "Will Packets Wait? The Effects of Net Neutrality on Network Performance and Consumers." She has written many other papers with Jamison and Dr. Eric Chiang, including "Whose Call Is It? Targeting Universal Service Programs to Low-Income Households' Telecommunications Preferences," "More Than a Lifeline: Low-Income Households' Telecommunications Preferences," and "Subsidies and Distorted Markets: Do Telecom Subsidies Affect Competition?" In addition to the papers mentioned, she has papers published or forthcoming in *Applied Economics*, *Telecommunications Policy*, *Communications and Strategies*, *Public Finance Review*, and *Information Economics and Policy*.

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Luis H. Gutierrez (Ph.D. in Economics, 1999, "Three Essays in Latin American Telecommunications"). Dr. Gutierrez is an economics professor at the [Universidad del Rosario](#). He has collaborated with Dr. Sanford Berg on several papers, including "Telecommunications Liberalization and Regulatory Governance: Lessons from Latin America." He has also contributed to "The Effect of Endogenous Regulation on Telecommunications Expansion in Latin America" and "Regulatory Governance in the

Latin American Telecommunications Sector." He has papers published in the *Journal of Regulatory Economics* and *Telecommunications Policy*.

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Uddin Helal (M.A. in Economics, 1999). Helal wrote "Privatization and Restructuring of the Bangladesh Power Sector," *Pacific and Asian Journal of Energy* 9(1): 77-91, 1999, while working with PURC Director of Water Studies Sanford Berg on a special international research project. More recently, he has worked in agricultural and resource economics at the University of Maryland.

James Dewey (Ph.D. in Economics, 1998, "Studies in Applied Microeconomics"). Dr. Dewey is a research economist with the Bureau of Economic and Business Research ([BEBR](#)) at the University of Florida. He has published "More Is Less? Regulation in a Rent-Seeking World," *Journal of Regulatory Economics* 18(2): 95-112, 2000, and "The Ineffectiveness of School Inputs: A Product of Misspecification? with T. Husted and L. Kenny, *Economics of Education Review* 19(1): 27-45, 2000.

Rajiv Sharma (Ph.D. in Economics, 1998, "Competition, Market Structure, and Incentives in the Health Care Industry"). Dr. Sharma is an assistant professor of economics at [Portland State University](#). He serves on the editorial board of the *Journal of Strategic Information Systems* and has papers published in *Information Systems Journal* and the *Journal of Information Technology*.

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Jill Boylston Herndon (Ph.D. in Economics, 1994, "Issues in Antitrust Economics"). Having served on the faculty of Hamline University (1994-99), Dr. Herndon has returned to [UF](#) as a lecturer in economics, teaching health care economics and public economics. She has had many papers published widely, particularly in association with UF professor Roger Blair: "Inferring Collusion from Economic Evidence," *Antitrust*, 2001; "The Implications of Daubert for Economic Evidence in Antitrust Cases," *Washington & Lee Law Review*, 2000; "The Misapplication of Kodak in Franchise Tying Suits," *Journal of Business Venturing*, 1999.

Scott D. Makar (Ph.D. in Economics, 1993, "Essays in Law and Economics: Applications of Economic Theory to Franchise Law, Medical Malpractice Insurance, and Antitrust Law"). Dr. Makar was appointed Florida's Solicitor General in February 2007. He also serves as the Richard W. Ervin Visiting Professor at the [Florida State University College of Law](#).

Dennis Weisman (Ph.D. in Economics, 1993, "Three Essays on the Economics of Regulation"). Dr. Weisman is a professor of economics at [Kansas State University](#) and the author or co-author of more than sixty publications. He co-authored the book *Designing Incentive Regulation for the Telecommunications Industry*, published by MIT Press and AEI Press in 1996. He serves on the editorial boards of the *Journal of Regulatory Economics* and *Information Economics and Policy*. He and Dr. Sanford Berg collaborated on "A Guide to Cross-Subsidization and Price Predation: Ten Myths," *Telecommunications Policy* 16(6): 447-59, 1992.

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Dong-Soo Koh (Ph.D. in Economics, 1992, "Costs in Electric Utilities in the U.S.: A Comparison of Publicly Owned and Privately Owned Utilities in Different Market Structures"). Dr. Koh co-authored "A Comparison of Costs in Privately Owned and Publicly Owned Electric Utilities: The Role of Scale" with Dr. Sanford Berg and Lawrence Kenny, *Land Economics* 72(1): 56-65, 1996.

Marcelle Kinney (Ph.D. in Economics, 1992, "Self-Licensing Profession"). Before Dr. Kinney started her own consulting firm, [Kinney Economic Consulting](#), she served as an economist for the State of Florida's Department of Labor & Employment Security and for the Florida Taxation and Budget Reform Commission. Her areas of specialization as a consultant are international trade, government regulation of business, public finance, and labor economics.

Dan LeClair (Ph.D. in Economics, 1992, "Adverse Selection and Moral Hazard in Rental Housing Markets"). Dr. LeClair provides leadership and direction for the research, benchmarking, and educational services of the Association to [Advance Collegiate Schools of Business \(AACSB\) International](#), an accrediting organization for business schools around the globe. Prior to joining AACSB, Dr. LeClair served as an associate professor of economics at the University of Tampa.

Nathan Wajsman (Ph.D. in Economics, 1991, "EC's Internal Market and Denmark: An Applied General Equilibrium Analysis"). Dr. Wajsman is a senior civil servant as the Head of Finance Operations Service with the [European Union](#) after spending almost 20 years in the private sector. Formerly he worked with Telecom Associates, a U.K. consulting firm. Although, currently based in Alicante, Spain (since October 2007), Dr. Wajsman has held management positions with AT&T in the U.S. and Europe and managed commercial initiatives for Unisource throughout Europe.

Debashis Pal (Ph.D. in Economics, 1990, "Essays on Industrial Organization: Sequential Competition in Duopoly and Regulation under Incomplete Information"). Dr. Pal is an economics professor at the [University of Cincinnati](#). He has published widely in journals such as the *International Economic Journal*, the *International Journal of Industrial Organization*, and the *Southern Economic Journal*, co-authoring a number of these articles with Barnali Gupta (see following).

Barnali Gupta (Ph.D. in Economics, 1990, "Essays on Competitive Spatial Price Discrimination"). Dr. Gupta is an associate professor of economics at [Miami University](#) and author of numerous research papers. He and Debashis Pal have co-authored nine articles, published in *Regional Science and Urban Economics*, the *Journal of Regional Science*, *Journal of Economic Education*, among other publications.

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Vivek Ghosal (Ph.D. in Economics, 1988, "Market Structures, Strategic Investment Behavior, and Profitability"). Dr. Ghosal is an associate professor of economics at the [Georgia Institute of Technology](#). He has published widely in the areas of industrial organization, applied microeconomics, and competition policy and has made numerous presentations in the U.S. and abroad. He has also worked as a senior economist at the Antitrust Division, U.S. Department of Justice, 1998-2001.

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Martin Grace (Ph.D. in Economics, 1986, "Cost Allocations in a Multiproduct Natural Monopoly: The Case of Separations in Telecommunications"). Dr. Grace also received his master's degree from UF in 1981. He is currently the James S. Kemper Professor of Risk Management at [Georgia State University](#). He and Dr. Sanford Berg collaborated on "Multinational Enterprises, Tax Policy, and R&D Expenses," *Southern Economic Journal* 57(1): 125-38, 1990. He has also written or contributed to several books, including a chapter in "At War with the Weather: Managing Large-Scale Risks in a New Era of Catastrophes," and author of "The Future of Insurance Regulation in the United States."

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Ellen M. Miller (Ph.D. in Economics, 1983, "The Impact of the Automatic Fuel Adjustment Clause on Production Efficiency for Electric Utilities").

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Robert Niekum (M.A. in Electrical Engineering, 1982, "Electric Utility Residential Load Research: A Methodology and Analysis"). Along with Drs. Sanford Berg and James Adams, Niekum wrote "Power Factors and the Efficient Pricing and Production of Reactive Power," published in a special electricity issue of the *Energy Journal* 4: 93-102, 1983.

Mamiko Howorka (Ph.D. in Economics, 1981, "Econometric Estimates of Scale Economies in Electric Power Generation: The Role of Unused Capacity").

Satish Renade (Ph.D. in Electrical Engineering, 1981, "A Reliability Analysis Technique for Bulk-System Planning").

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Robert Sparkman (Master's in Electrical Engineering, 1980, "An Hourly Monte Carlo Production Simulation with Load Management Capabilities").

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Raymond P.H. Fishe (Ph.D. in Economics, 1979, "Unemployment Insurance and Labor Market Behavior: A Reexamination of Search Theory"). Dr. Fishe is a professor and a Distinguished Chair in Finance at the [University of Richmond Robins School of Business](#). He earned a bachelor's and master's degree at the University of Florida, and he has papers published in the *Journal of Financial and Quantitative Analysis*, *Journal of Finance*, *Southern Economic Journal*, *Journal of Money, Credit, and Banking*, and the *American Economic Review*.

Geraldine Westmoreland (Ph.D. in Finance, 1979, "Electric Utilities' Accounting for Construction Work in Progress: The Effects of Alternative Methods on the Financial Statements, Utility Rates, and Market-to-Book Ratio").

Wanda A. Wallace (Ph.D. in Business Administration, 1978, "The Impact of Selected Financial Reporting Practices and the Nature of the Audit Opinion upon Municipal Interest Cost and Bond Rating"). Dr. Wallace is the John N. Dalton Professor of Business Administration at the [College of William and Mary](#) and an internationally recognized expert on auditing, financial accounting, statistics and economics, interaction of capital investment activities and managerial incentives. She has written more than 35 books and monographs and more than 160 articles published in leading journals.

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Patricia Saba (now Patricia Pacey, Ph.D. in Economics, 1976, "The Effects of Uncertainty in Public Utility Regulation"). Dr. Pacey is the principal owner of the [Pacey Economics Group](#) in Boulder, CO.

David L. Kaserman (1947-2008) (Ph.D. in Economics, 1976, "An Economic Analysis of the Home Mortgage Default Insurance Market with Emphasis on the Decline of FHA"). Dr. Kaserman contributed to *Regulation under Increasing Competition*, edited by Michael Crew, (Kluwer, 1999) *Telecommunications Policy: Have Regulators Dialed the Wrong Number?* edited by Donald Alexander (Praeger, 1997) and co-authored "A Note on Bilateral Monopoly and the Optimum Location of Vertically Related Firms," with D. Cheng and Y. Shieh, *Journal of Regional Science* 30(4): 563-66, 1990. He was the Torchmark Professor in the Department of Economics at [Auburn University](#) at the time of his death in January 2008.

James Herden (M.A. in Economics, 1975, "An Analysis of the Major Implications of Electric Rate Structure Inversion"). Herden also earned a bachelor's degree from UF in 1973 and was Dr. Sanford Berg's research associate. He has worked as an economist with the Arkansas Public Service Commission, the Arkansas Power & Light Company, and the Pennsylvania Department of Justice, Office of the Consumer Advocate. He is currently the director of System Regulatory Planning and Support for Entergy Services, formerly Arkansas Power & Light. He and Dr. Berg are co-authors of "Electricity Price Structures: Efficiency, Equity, and the Composition of Demand," *Land Economics* 52(2): 169-78, 1976.

William E. Roth (Master's in Economics, 1975, "Impact of Rate Restructuring on Residential Electricity Consumption"). Roth and Dr. Sanford Berg are co-authors of "Some Remarks on Residential Electricity Consumption and Social Rate Restructuring," *Bell Journal of Economics* 7(2): 690-98, 1976.

Charles W. Needy (Ph.D. in Economics, 1974, "Regulation-Induced Distortions: A Geometric Integration"). Dr. Needy is currently at the Federal Communications Commission. With Dr. J. Ronnie Davis, he wrote "Externality Mix: A Case of Terminological Variability," *Public Finance Quarterly* 5(Oct.): 439-44, 1977, and he collaborated with Dr. Sanford Berg on "Scale Economies: An Ambiguity in the Theory of Limit Pricing," *Industrial Organization Review* 1(2): 137-41, 1973.

Emery Yelton (Ph.D. in Economics, 1974, "Regulation of the Pari-Mutuel Industry"). Dr. Yelton and Dr. Sanford Berg collaborated on "Profits, Payments, and Complementary Products: Additional Ways to Improve Pari-Mutual Taxation," *National Tax Journal* 29(2): 191-99, 1976.

Gordon Quick (Ph.D. in Finance, 1974, "A Computer Simulation Analysis of Alternative Methods of Accounting for Utility Construction Work in Progress"). Formerly the president and chief executive officer of Abiliti, Dr. Quick was appointed president and CEO of Daleen Technologies, Inc., following its purchase of Abiliti.

Stephen J. Baron (Master's in Economics, 1974, "An Econometric Model of the Demand for Electricity in Florida"). Baron is the president and a principal of J. Kennedy & Associates, Inc., a firm of utility rate, planning, and economic consultants located in Atlanta.

John A. Anderson (Ph.D. in Economics, 1973, "A Comparative Analysis of the Economic Organization of Gas and Electric Supply"). Dr. Anderson is the president and CEO of the [Electricity Consumers Resource Council \(ELCON\)](#), a national trade association representing large industrial electricity consumers. ELCON's member companies own and operate manufacturing and other facilities throughout the United States and many foreign countries.