

ADVANCED PROGRAM - APRIL 2005

2005 ADVANCED REGULATORY STUDIES PROGRAM - NEW!

APRIL 25-29, 2005 [Michigan State University] Faculty Biographies



SCOTT BARASH (sbarash@universalservice.org)

Vice President and General Counsel of the Universal Service Administrative Company, the not-for-profit corporation charged by the Federal Communications Commission with administering the \$6.5 billion Universal Service Fund. He joined USAC as its first in-house attorney in 1999. Previously, Mr. Barash was a partner in the Washington, D.C. office of Jenner & Block, where he concentrated on complex civil litigation, particularly in the telecommunications field and on behalf of trade associations, charitable organizations, and other not-for-profit organizations. Before joining Jenner & Block, he was a Trial Attorney with the Civil Division, Federal Programs Branch, of the United States Department of Justice. During his tenure at the Justice Department, Mr. Barash handled a wide variety of litigation on behalf of numerous federal agencies. Mr. Barash graduated in 1985 from Yale University and received a J.D., with honors, from the University of Chicago Law School in 1988, where he served on the editorial board of the University of Chicago Law Review. In the year following his graduation from law school, Mr. Barash served as a law clerk to Judge R. Lanier Anderson, III, of the United States Court of Appeals for the Eleventh Circuit.



RAJNISH BARUA (rbarua@state.pa.us)

Energy advisor to Chairman Wendell F. Holland of the Pennsylvania Public Utility Commission. Dr. Barua has over 18 years of experience in energy and regulatory policy and previously worked for the Maryland and Delaware Public Service Commissions. His areas of expertise have been in regional and national energy matters. He is currently involved in issues related to renewable and provider of last resort. Dr. Barua has been active in providing training and technical assistance to members of new regulatory agencies and delegations from several nations in Eastern Europe, South Asia, and Africa, and has coordinated exchange partnerships with regulatory commissions in Zambia and India. He is currently a member of the National Association of Regulatory Utility Commissioners' Electricity Staff Sub-Committee and Vice-Chair of the International Relations Staff Sub-Committee. Dr. Barua specialized in energy policy and received a doctorate from the University of Delaware.



JOHANNES BAUER (bauerj@msu.edu)

Professor, Department of Telecommunication, Information Studies and Media, Michigan State University; and Executive Director, James H. and Mary B. Quello Center for Telecommunications Management and Law, MSU. Dr. Bauer is a former director of the Institute of Public Utilities. His research interests include the economics and regulation of public utility and infrastructure industries, the design of regulatory incentives and institutions, the globalization of network-based industries in the energy and telecommunications sectors, the economics of public enterprise, and the processes of regional economic integration in North America, Europe, and Asia. He has published more than 40 journal articles and book contributions and is the co-author of five books, including *Telecommunications Politics: Ownership and Control of the Information Highway in Developing Countries*. He is currently working on a book on infrastructure policy and is a frequent speaker at national and international conferences and professional meetings. Dr. Bauer has served in various positions as an advisor to foreign governments and the European community, has consulted for several public enterprises while working in Europe, and testified for North American regulatory agencies. Dr. Bauer holds an M.A. and Ph.D. (economics), Vienna University of Economics and Business Administration, Vienna, Austria.



JANICE A. BEECHER (beecher@msu.edu)

Director of the Institute of Public Utilities at Michigan State University. Dr. Beecher brings more than twenty years of experience in public utility regulation to the IPU and is responsible for Institute development, program management, and interdisciplinary research in support of the IPU's mission of service to the regulatory policy community. Her areas of interest include regulatory theory, institutions, and policy; commission organization and strategic planning; and comparative utility industry analysis. She has particular expertise in the structure and regulation of the water industry and has been a faculty member for the NARUC Utility Rate Schools since 1997. Dr. Beecher is a frequent lecturer and the author of several research reports and other publications. Prior to joining the IPU, she was an independent policy consultant and held senior research and adjunct faculty positions at the Ohio State University and Indiana University. She also worked on staff as a policy advisor to the chairman of the Illinois Commerce Commission. She has Ph.D. in Political Science from Northwestern University.

FRED BEHRMANN (fred.behrmann@ponderaengineers.com)

Professional Civil Engineer who has spent 23 years routing, designing, and constructing transmission lines in the United States, Australia, and Micronesia. In his varied roles as lineman, utility engineer, construction contractor, project manager, and consulting engineer, he has developed skills necessary to understand the complexities of transmission line design in today's market. More recently, Mr. Behrmann has combined his range of experience with software developers to create much-needed software design tools for the power delivery industry. He has experience working with commission staff and industry efforts in an effort to combine regulatory needs with current engineering technologies. Mr. Behrmann is currently a principal partner in Pondera Engineers, LLC located in Spokane, Washington. Pondera is a dynamic company specializing in innovative solution concepts and state-of-the-art software for the power delivery industry.

BRUCE BETTINGHAUS (betting3@msu.edu)

Assistant Professor in the Accounting and Information Systems department, within the College of Business at Michigan State University, teaching financial reporting and financial statement analysis in the undergraduate accounting core. His research is focused on the financial reporting behavior of U.S. companies. Recent work has looked at the reporting of interest rate risk in the banking industry. He has co-authored an article that appeared in the International Journal of Accounting, and has received a Graduate Assistant Teaching Award (1999) and an Ossian MacKenzie Teaching Award (1998). Bruce received a B.B.A. in Accounting, with a minor in Economics, from Grand Valley State University in 1994, and a Ph.D. in Business Administration from The Pennsylvania State University in 2000.



THOMAS BLACKBURN (tblackburn@brudergentile.com)

Thomas Blackburn is a Partner with Bruder, Gentile & Marcoux, L.L.P. He has practiced energy law for more than 25 years, and represents investor-owned utilities and electric cooperatives and their energy affiliates in matters before the Federal Energy Regulatory Commission. He has been heavily involved in the operational aspects of the deregulation of the electric industry, including the interrelationship between reliability and transmission access, the development of strategies to enhance the ability of utilities to compete in a deregulated environment, the market power issues, the code of conduct relating to the relationship between utilities and their market affiliates and the standards of conduct relating to the functional unbundling of utility operations. Thomas worked as a Trial Attorney in the Office of Enforcement from 1979 through 1983, where he was responsible for major investigations of electric utilities, and has authored numerous papers and presentations during his career. He received a B.A. in 1970, magna cum laude, from Duquesne University, and a J.D. from Georgetown University Law Center in 1975.



KEN BOYER (boyerkd@msu.edu)

Professor of Economics, Michigan State University. B.A. (economics), Amherst College, Ph.D. (economics), University of Michigan. His primary research interests are in the economics of transportation and the economics of regulation. He is a 1979 winner of the Michigan State University teacher-scholar award and has taught at the Sino-American Training Center in Shanghai, China and the University of Michigan as well as at Michigan State University. He has done research on regulation and transportation in Western Europe, and is currently a member of two committees of the National Academy of Sciences: Committee To Study size and weights of commercial vehicles, and the Committee To Review the Corps's Upper Mississippi-Illinois Waterway Navigation Systems Feasibility Study. His textbook, Principles of Transportation Economics, was published in 1997. Dr. Boyer is the former Chair of the Transportation and Public Utilities Group of the American Economic Association.



ASHLEY BROWN (ashley_brown@harvard.edu)

Executive Director of the Harvard Electricity Policy Group (HEPG), a program of the Center for Business and Government at Harvard University's John F. Kennedy School of Government. HEPG provides a forum for the discussion and analysis of electricity issues in the United States. Mr. Brown is of counsel to the law firm of LeBoeuf, Lamb, Greene and MacRae. He has also served as an advisor on infrastructure regulatory issues to governments such as Brazil, Tanzania, India, Ukraine, Russia, Philippines, Zambia, Namibia, Argentina, Costa Rica and Hungary. From 1983-1993, he served as Commissioner of the Public Utilities Commission of Ohio, appointed twice by Governor Richard F. Celeste. Prior to his appointment, he was the coordinator and counsel for the Montgomery County [Ohio] Fair Housing Center, managing attorney for the Legal Aid Society of Dayton, Inc. and legal advisor to the Miami Valley Regional Planning Commission, also in Dayton. Mr. Brown has specialized in litigation in federal and state courts and before administrative bodies. He has taught in public schools and universities, frequently lectures at universities and conferences throughout the world, and publishes articles on subjects of interest to American and foreign electricity sectors.



ADAM CANDEUB (candebub@law.msu.edu)

MSU Law Professor since fall 2004, and he is also a Fellow at MSU's Institute for Public Utilities. Prior to arriving at MSU, he was an attorney-advisor for the Federal Communications Commission (FCC) in the Media Bureau and previously in the Common Carrier Bureau, Competitive Pricing Division. His work at the FCC involved him in critical decisions in communications law. From 1998 to 2000, Professor Candebub was a litigation associate for the Washington D.C. firm of Jones, Day, Reavis & Pogue, in the issues and appeals practice. He also has served as a corporate associate with Cleary, Gottlieb, Steen & Hamilton, also in Washington, D.C. Immediately following law school, he clerked for Chief Judge J. Clifford Wallace, U.S. Court of Appeals for the Ninth Circuit. While in law school, Professor Candebub was an articles editor for the University of Pennsylvania Law Review. In addition to his scholarship and interest in criminal law and philosophy, Professor Candebub has developed an impressive expertise in communications, administrative and antitrust law as well as an extensive background in economics. He teaches courses in the Intellectual Property & Communications Law Program.



RONALD G. CHOURA (rgchour@michigan.gov)

Supervisor of Service Quality, Communications Division, Michigan Public Service Commission. B.S. (electrical engineering), University of Missouri at Rolla. His current responsibilities at the MPSC include telecommunications matters and management of the E-Mail and office automation system. Mr. Choura is an adjunct faculty member, Michigan State University. He currently teaches telecommunications management and a virtual university class that is attended internationally. He is a registered professional engineer, a member of Institute of Electrical and Electronics Engineers, and a member of the Independent Telephone Pioneers Association. Formerly: member of the Governors Telecommunications Task Force, NARUC Staff Subcommittee on Communications/Cost Allocations, NARUC Engineers Conference, Ameritech Regional Regulatory Committee, Federal State Joint Boards, and Federal State Joint Conference.



JEFF CONOPASK (jconopask@dcpsc.org)

Senior Economist at the Washington D.C. Public Service Commission, specializing in the energy (mainly oil, natural gas and coal) and public utility (gas and electric distribution, transmission and generation/production) industries. His 30 plus years of experience spans economic, financial, and cost engineering analysis through the application of statistical, econometric, systems and other modeling techniques. His specific expertise includes cost of service/rate design, cost of capital, electric generation planning, gas/electric transmission, utility gas supply and operations, dsm/demand response, utility restructuring, affiliate transactions, anti-trust, mergers, damages estimation, renewable energy, and forecasting. Dr. Conopask has been involved with state and national policy issues as an expert witness as well as consulting with other countries on regulatory issues (Ghana, eastern European nations, and Turkey). He received a B.S. in Industrial Management from Purdue University in 1969, an M.A. in Economics from the University of Toledo in 1972, and his Ph.D. in Agricultural Economics from the Virginia Polytechnic Institute & State University in 1978.



DAVID HAYWARD (DavidLHayward@cs.com)

President of Hayward Consulting Group (HCG), located in Leucadia, California (San Diego County). HCG was formed in 1993 and has provided economic, finance, and policy consulting services to the utility industry for clients in the United States and five continents throughout the world. In the context of Mr. Hayward's utility valuation practice, he has prepared numerous valuation reports and studies, and has taught valuation concepts and methodologies at numerous workshops and conferences. He is the author of 17 professional articles, books, or manuals. Mr. Hayward has provided consulting services to cabinet-level government officials in 10 developing countries, and has testified on utility issues in 35 cases. He is a Certified Rate of Return Analyst (CRRRA) through the Society of Utility and Regulatory Financial Analysts, and is a part-time economics instructor at the University of Phoenix, San Diego. Mr. Hayward has B.S. and M.S. degrees in Economics from the University of Utah.



ROSS HEMPHILL (rchemphill@lrca.com)

Vice President, Christensen Associates. Dr. Hemphill has over twenty years of experience in the energy industry. He specializes in the development of market-based pricing products, incentive regulatory programs, unbundling of products and services, and other industry restructuring issues. In addition, he has extensive experience with traditional cost of service, rate design and other regulatory ratemaking issues working in all sectors of the energy industries. Dr. Hemphill has published articles on pricing design in *Public Utilities Fortnightly* and *Resources and Energy* as well as reports for the Edison Electric Institute and the National Regulatory Research Institute. He has also testified over twenty times on behalf of utilities, state jurisdictions, and customers. Prior to joining Christensen Associates, he was Manager of Economics and Law at Argonne National Laboratory and then Director of Pricing and Resource Strategies at Niagara Mohawk Power Corporation.



BEN HOBBS (bhobbs@jhu.edu)

Professor since 1995 in the Department of Geography and Environmental Engineering at the Whiting School of Engineering, Johns Hopkins University, Baltimore, MD. B.F. Hobbs holds a joint appointment in the JHU Department of Applied Mathematics and Statistics. Between 1984 and 1995, he was on the faculty at Case Western Reserve University, Cleveland, OH, where he was promoted to Professor in 1994. During 1991-1992, he was a visiting scientist at the Department of Civil Engineering, University of Washington, and in 2000 he was visiting professor at the Systems Analysis Laboratory at the Helsinki University of Technology. Dr. Hobbs has published widely on electric power market economics, regulation, and systems analysis, and on environmental and water resources systems, and has served in a number of advisory and consulting roles with the Gas Technology Institute, FERC, and the NSF. He holds a Ph.D. (1983) in environmental systems engineering from the School of Civil and Environmental Engineering at Cornell University.



JUDITH LEE (judith_lee@dps.state.ny.us)

Chief Administrative Law Judge at the New York State Public Service Commission, and Director of the Department's Office of Administrative Hearings and Alternative Dispute Resolution. Judge Lee supervises eight Administrative Law Judges, who handle administrative litigation and serve as settlement judges in cases involving rates and restructuring of New York State's electric, gas, water and telecommunications industries. Judge Lee presided over the New York Commission's electric competition proceeding, and mediated a governance settlement for the New York Independent System Operator. She has also handled various proceedings involving competitive entry in communications, including arbitrations and mediations under the Telecommunications Act of 1996. Judge Lee has been with the New York Public Service Commission since 1985. She earned her undergraduate degree from the University of Wisconsin, and is a 1981 magna cum laude graduate of New York Law School, where she was an Associate Editor of the New York Law Review. Judge Lee received mediation training at Harvard Law School. Judge Lee is on the Board of the NYS Women in Communications and Energy and a member of the Administrative Law Committee of the National Association of Women Judges.



BARRY LITMAN (litman@msu.edu)

Professor in the Department of Telecommunication, College of Communication Arts and Sciences at Michigan State University. He received his B.A. in Economics from Wayne State University, and an M.A. and Ph.D. in Economics from Michigan State University.



BOB LOUBE (bobloube@earthlink.net)

Director, Economic Research, Rhoads & Sinon, LLC., B.S. (economics), University of Maryland, M.A. (economics), University of Massachusetts; Ph.D. (economics), Michigan State University. His consulting practice specializes in providing technical assistance to state and federal government agencies. His research focuses on universal service issues and the evolving telecommunications markets. Previously, he was an industry economist at the Federal Communications Commission, the Director of the Office of Economics of the Public Service Commission of the District of Columbia, and the econometrician of the Indiana Utility Regulatory

Commission. Dr. Loube has served on the Federal-State Joint Boards for Universal Service and Separations. He has testified in cases related to incremental cost, rate design, excess capacity and the financial viability of electric utilities and the cost of equity. His publications include: Price Cap Regulation: Problems and Solutions; State Experience in InterLATA Toll Deregulation; and The Institutional Conditions for Technological Change: Fiber to the Home.



BILL LOWE (blowe@psc.state.fl.us)

Bill is a Senior Analyst in the Office of Market Monitoring & Strategic Analysis for the Florida Public Service Commission. He is presently involved with Florida's Electric Deregulation and in Grid Florida - Florida's proposed Electric Regional Transmission Organization. Prior to this Bill spent 20 years working for the commission in Water & Wastewater Industry. He has been employed by the Florida Public Service Commission since 1976. He is a graduate of the University of West Florida where he received a bachelor's degree in accounting. Bill was the co-author of the 1984 NARUC Uniform System of Accounts for Water & Wastewater Companies and assisted with the present 1996 version. Bill is a C.P.A., and has been a faculty member since 1985.



KARL MCDERMOTT (karl.mcdermott@nera.com)

Vice President, National Economic Research Associates. Dr. McDermott received a B.A. in Economics from Indiana University of Pennsylvania, his M.A. in Public Utility Economics at the University of Wyoming, and his Ph.D. in Economics at the University of Illinois. Dr. McDermott specializes in public utility regulation and served as Commissioner (1992-1998) on the Illinois Commerce Commission during the negotiation of the Illinois restructuring law. As a Commissioner, Dr. McDermott lectured extensively in Eastern Europe and South America on regulatory reform. During the six years that he served as Commissioner, he had an opportunity to evaluate alternative regulation proposals and the economic and social impacts of a number of new policies presented to the Commission. Dr. McDermott initiated the Commission's investigation into alternative restructuring options and has made a number of presentations on restructuring issues. Since leaving the Commission, Dr. McDermott has advised various companies on restructuring issues. He is the author of "Is There a Rational Path to Implementing Competition?" appearing in The Electricity Journal.



MICHAEL MCKEEHAN (michael.mckeehan@verizon.com)

Director, Internet & Technology Policy for Verizon. Mr. McKeehan is responsible for developing policy strategies for next-generation network and service platforms, including fiber to the premises (FTTP) and voice over IP (VoIP). Previously, Mr. McKeehan was a Distinguished Member of the Technical Staff in the Verizon Technology Organization, responsible for developing platform and service requirements for a variety of narrow- and wide-band communications initiatives. He holds three patents on call forwarding services using advanced intelligent networking technology. Mr. McKeehan has B.S.E.E., M.B.A., and J.D. degrees, all from the University of Maryland, and is a member of the Maryland and federal bars.



RICHARD D. MCLELLAN (rmclellan@dykema.com)

Member-in-charge of Dykema Gossett's Lansing office and leader of the firm's Government Policy Department. He is responsible for directing the firm's activities related to legislation, government procurement, state and federal regulations, elections, Indian law, ethics, campaign finance and lobbying regulation. His practice involves extensive work in telecommunications, Indian law, education law, trade associations and insurance regulation. In addition, his practice has included extensive representation of political candidates, political action committees and ballot question campaigns. In 2000, he served as Chairman of the Michigan Lawyers for Bush-Cheney and in 2004 is serving as Michigan counsel for Bush-Cheney '04. In 1990, Mr. McLellan was appointed by President George Bush as a Presidential Observer to the elections in the People's Republic of Bulgaria. He has received numerous awards and has served on many commissions throughout his career. Richard received a B.A. (with honors) from Michigan State University, and a J.D. from the University of Michigan.

RICHARD MILES (richard.miles@ferc.gov)

Appointed in 1999 as the first Director of the Federal Energy Regulatory Commission's Dispute Resolution Service and as the Commission's Dispute Resolution Specialist. Prior assignments at FERC include Associate General Counsel for Administrative Litigation, Assistant General Counsel for Electric and Corporate Regulation, and supervisory trial attorney. Between 1973 and 1984, Mr. Miles was a trial attorney representing trial staff in hydroelectric proceedings before administrative law judges. He has performed numerous ADR functions, including acting as a mediator in many oil, gas, electric, pipeline and hydroelectric cases. He appears on panels, conducts workshops discussing ADR and its use at the Commission and assists in negotiation and mediation training. Mr. Miles has received training in ADR from a number of sources, including both mediation courses and the negotiation course at Harvard's Program of Instruction for Lawyers and the 'Teaching Negotiation in the Organization' course at Harvard Law School's Program on Negotiation. He is a member of the Federal Government's ADR Steering Committee.



BOB NELSON (rbnelso@michigan.gov)

Commissioner at the Michigan Public Service Commission. He was originally appointed by Governor John Engler on May 10, 1999 and was subsequently reappointed for a term ending July 2, 2005. Mr. Nelson served as President of the Michigan Electric and Gas Association from December 1987 until his appointment to the Commission in 1999. From 1979 to 1987, he was Director of the Commission's Office of Regulatory and Consumer Affairs, overseeing the legislative, legal, public affairs and consumer services functions of the Commission. From 1976 to 1979, he served as both Assistant and Deputy Director of Policy at the Commission. From 1974 to 1976, he was an Assistant and, later, Senior Assistant Prosecutor for Ingham County. He has also served as a trial attorney for the Federal Communications Commission (FCC). Mr. Nelson serves on the National Association of Regulatory Utility Commissioners' Consumer Affairs Committee and the Telecommunications Committee, the Advisory Council for the Center for Public Utilities at New Mexico State University. Mr. Nelson received a B.A. in Political Science from Wayne State University (1968), and a J.D. from the University of Michigan Law School (1970).



CARL PETERSON (carl.peterson@nera.com)

Consultant, National Economic Research Associates. Mr. Peterson holds B. S. and M. S. degrees in economics from Illinois State University, and is currently completing his Ph. D. in economics at the University of Illinois. Mr. Peterson specializes in energy and public utility regulation. His work involves both policy and analytical issues in the electric, gas and telecommunications industries. In particular, his work has focused on performance-based regulation for gas and electric utilities, rate design, and electric restructuring both in the U.S. and internationally. Prior to joining NERA, Mr. Peterson held senior positions with the Illinois Commerce Commission where he advised the Commission on specific energy issues including electric restructuring and performance-based regulation. He has taught economics at Illinois Central College and Eureka College and has written on energy pricing, performance-based regulation, access pricing and electric restructuring.



JEFFREY PILLON (jpillo@michigan.gov).

Manager of Energy Data, Security and Market Monitoring for the Michigan Public Service Commission. He is responsible for monitoring energy markets, emergency preparedness and management of the Commission's website and information technology applications. He serves as Chair of the Michigan Critical Infrastructure Protection Committee, serves on the Michigan Homeland Security Advisory Council and is the Emergency Management Coordinator for the Michigan Department of Labor and Economic Growth. In addition, Jeffrey chairs the National Association of Regulatory Utility Commissioner's Ad Hoc Committee on Critical Infrastructure Staff Subcommittee and chairs the Energy Data and Security Committee for the National Association of State Energy Officials. In 1978, he developed and continues to publish the Michigan Energy Appraisal, a short-term energy supply/demand outlook for Michigan. Since 1990, he has been responsible for energy forecasting and statistical analysis for the Michigan Commission. Mr. Pillon has worked for the State of Michigan on energy and regulatory issues, emergency preparedness and data systems since 1973 and is a graduate of Michigan State University in Political Science

PAUL PROUDFOOT (paproud@michigan.gov)

Engineering & Service Quality for the Michigan Public Service Commission



KENNETH ROSE (ken@kenrose.us)

Consultant and Senior Fellow specializing in energy studies at the Institute of Public Utilities. Dr. Rose has been working on energy and regulatory issues for more than eighteen years. He has testified or presented at many legislative and public utility commission hearings, proceedings, conferences and workshops on electric industry issues and has testified before several committees of the U.S. House of Representatives on regulatory matters. Dr. Rose has worked primarily on studies concerning the electric industry and has directed or contributed many reports, papers, articles and books. Topics include Clean Air Act implementation, environmental externalities of electricity production, competitive bidding for power supply, regulatory treatment of uneconomic costs, market power and market monitoring, and other industry restructuring issues. He is a frequent presenter at conferences and workshops, and is quoted often in The New York Times, The Washington Post, The Wall Street Journal, other newspapers and in trade publications. Dr. Rose lectures for the School of Public Policy and Management at The Ohio State University. Dr. Rose was a Senior Institute Economist at The National Regulatory Research Institute at The Ohio State

University from 1989 until October 2002. Prior to NRRI, Dr. Rose worked on energy related issues at Argonne National Laboratory from 1984 to 1989. Dr. Rose received his B.S. (1981), M.A. (1983), and Ph.D. (1988) in Economics from the University of Illinois at Chicago.

WILLIAM SCHULTE (wmrschulte@aol.com)

Former director of the Consumer Services Division of the California Public Utilities Commission, and served in that capacity from 1996 until 2000. He managed the Commission's consumer complaint and inquiry process, utility safety programs, outreach and education programs, and utility enforcement. Before that assignment, he directed the Commission's Safety and Enforcement Division and the Transportation Division. Mr. Schulte retired from the Commission in 2000 after more than 28 years of public service. During his tenure, Mr. Schulte was active with NARUC, first on the Executive Committee of the Staff Transportation Subcommittee, and later as Chair of the Staff Subcommittee on Consumer Affairs, where he dealt with truth-in-billing rules, joint anti-slamming and anti-cramming efforts with the FCC, and development of enforcement and education strategies and programs. During the past two years, Mr. Schulte has consulted with public entities and utilities on regulatory issues, and has worked on international regulatory issues, and has worked on international regulatory projects for various public and private development agencies, including Turkey, Taiwan, and the Southern African Development Community. Mr. Schulte earned a BS from the University of the Pacific and a MS from Stanford University. He is a registered civil engineer in California.

THOMAS VESELKA (tdveselka@anl.gov)

Energy Systems Engineer, Argonne National Laboratory, U.S. Department of Energy. Mr. Veselka has provided technical support and managed projects related to electric utility systems and the environment for over 22 years. His work includes extensive hydropower systems analyses for both the Western Area Power Administration and the Bureau of Reclamation. He has performed economic evaluations of hydropower resources at the Glen Canyon Dam, Flaming Gorge Dam, the Aspinall cascade, North Platte Power District, and the Central Valley Project. Mr. Veselka has also performed reliability and cost analyses of long-term nuclear plant shutdowns for the Nuclear Regulatory Commission and made economic assessments of clean coal technologies for the U.S. Department of Energy (DOE). Also for DOE he has made projections of environmental residuals associated with electricity production, and analyzed acid rain and global warming abatement strategies. In support of the U.S. National Energy Strategy, he has performed detailed analyses of utility capacity expansion and emission control strategies. Mr. Veselka is an energy and electric planning expert for the International Atomic Energy Agency. He builds optimization and simulation tools of the electric power industry and is currently a member of a multi-disciplinary team that is writing an agent based modeling system that simulates the complex adaptive behavior of participants in a deregulated electricity market.



DAVE WIRICK (dwirick@babsim.com)

Interim Chief Operating Officer at Babbage Simmel, Central Ohio's #1 Rated Technical Training Center. At Babbage Simmel, he also develops solutions for government and corporate clients in project management and organizational development and leads the development of Babbage Simmel's curriculum. David Wirick works also as Program Consultant at the IPU. He formerly served at the National Regulatory Research Institute at the Ohio State University, where he provided assistance to state public utility commissions around the nation. Mr. Wirick has authored reports and articles on e-regulation, regulatory accounting, utility finances, organization change, alternative dispute resolution, regulatory audits, and the future of regulatory organizations. He consults with state regulatory commissions on issues of organizational effectiveness, regulatory process, and strategic planning. He is a certified facilitator, a mediator and mediation trainer, a Certified Management Accountant (CMA), and a Project Management Professional (PMP). He has been the "facilitator of choice" for a variety of high-level NARUC meetings and efforts and a highly sought after speaker. He has been twice recognized by NARUC Resolution for his service and leadership. He holds an MA in Public Policy and Management from Ohio State University and a BA (summa cum laude) in Political Science from Kent State University.