

## **Overview of Mentoring Sanford Berg**

**Professional Outreach:** In the policy arena, decision-makers are fighting fires while universities are developing fire-fighting equipment. Part of my outreach activity involves translating research results to those developing and implementing policy. I enjoy communicating with a variety of audiences. I learn a great deal from practitioners and try to help them think about decision-making in ways that improve their performance. The *PURC/World Bank International Training Program on Utility Regulation and Strategy* has been an ideal forum for interacting with professionals around the world.

My research has moved from joint ventures, innovation, energy, telecommunications, infrastructure policy, and water. To maintain contact with water professionals, I joined the International Water Association (IWA) and the American Water Works Association (AWWA). I have published ten articles in *Water 21*, the IWA journal and have helped graduate students prepare articles for those publications as well. In 2008, I participated in the *Water Transfer Task Force* and reviewed reports for the Florida Century Commission's Water 2030 Initiative. Earlier, I served as a member of Energy 2020, Governor Bush's Committee for recommending changes in energy policy for the state of Florida. Finally, the wider public reads newspapers rather than scholarly journals or policy reports. A number of papers stem from interviews with journalists (which sometimes appear in non-English publications). Two of the invited presentations were done via satellite video conferencing, when I could not travel to Australia or Colombia.

**Visiting Scholars:** Thanks to the many contacts developed in the area of infrastructure, PURC regularly receives requests from international scholars and policy-makers to come to campus for extended periods. I have assisted in hosting a number of Visiting Scholars over the years. In many cases, these collaborations led to co-authored papers: electricity regulation in the Ukraine, water utility performance in Uganda, and telecommunications policy in China, for example. In the cases of Uganda and China, I gave invited lectures in the visitors' home institutions—giving visibility to UF and learning more about developments in other nations. Collaboration with a colleague from the University of Wyoming led to the Cambridge University Press volume on *Natural Monopoly Regulation*.

**Berg, Sanford V., Chen Lin, and Valeriy Tsaplin.** 2005. "Regulation of State-Owned and Privatized Utilities: Ukraine Electricity Distribution Company Performance." *Journal of Regulatory Economics*, 28(3):259-87.

**Mugisha, Silver, Sanford V. Berg, and William T. Muhairwe.** 2007. "Using Internal Incentive Contracts to Improve Water Utility Performance: The Case of Uganda's NWSC." *Water Policy*, 9(3): 271-84.

**Yu, Liangchun, Sanford V. Berg, and Qing Guo.** 2004. "Market Performance of Chinese Telecommunications: New Regulatory Policies." *Telecommunications Policy*, 28(Oct./Nov.): 715-32.

**Berg, Sanford V., and John Tschirhart.** 1988. *Natural Monopoly Regulation: Principles and Practice*. New York: Cambridge University Press.

**Leader of a U.S. Team:** In 1998, the Institute of Developing Economies (Japan External Trade Organization, Tokyo) asked me to organize a team from the U.S. to participate in a conference on the strengths and limitations of privatization, regulation and liberalization in various sectors, drawing upon international experience. In early 2000, I brought another U.S. Team to Japan for a follow-up workshop. That collaboration resulted in two scholarly volumes (that included chapters that I and my Ph.D. students authored):

Kagami and Tsuji, editors (2000). *Privatization, Deregulation and Economic Efficiency: A Comparative Analysis of Asia, Europe and the Americas*. (Edward Elgar).

Berg, Pollitt, and Tsuji, editors (2002). *Private Initiatives in Infrastructure: Priorities, Incentives, and Performance* (Edward Elgar).

**International Training at UF:** The PURC/World Bank International Training Program on Utility Regulation and Strategy has had nearly 1900 regulators and managers from 132 nations come to the UF over the past decade. With seed money provided by the World Bank, the program has been self-sufficient ever since. The President of the World Bank gave us the President's Award for Excellence in 2002—the only university program to ever receive such designation. The award was given for Supporting the Infrastructure Regulators Team. Material from the two week training course has been incorporated into my undergraduate course: Public Utility Economics: International Infrastructure.

PURC also recently launched a collaborative effort with Thammasat University in Thailand to examine best practices for assessing and facilitating competition in developing countries. The project will involve a team of 10 experts from the United States. PURC researchers will develop papers analyzing case studies of competitive market assessment, metrics that developed and developing countries can use for quantitative assessment of market competition, and best practices for removing barriers to competition.

**In-Country Training:** I have delivered hundreds of lectures at PURC training events and at the invitation of other groups.

**Invited Lectures:** Groups have invited me to give lectures in a number of nations, including Australia, Spain, United Kingdom, China, Japan, Mexico, Brazil, Peru, and Uganda.

**Sharing Resources: Body of Knowledge on Infrastructure Regulation:** With funding from the World Bank, I helped develop [www.regulationbodyofknowledge.org](http://www.regulationbodyofknowledge.org). It was designed to help newly created regulatory commissions develop in-house training programs and continuing education initiatives. In addition, this web site is now being used by other universities as a resource for teaching regulatory economics. The attached material describes the site.

Developed by the Public Utility Research Center (PURC) at the University of Florida, in collaboration with the University of Toulouse, the Pontificia Universidad Catolica, the World

Bank and a panel of international experts, the Body of Knowledge (BoK) on Infrastructure Regulation summarizes and links to some of the best thinking on utility policy. Funding for this project came from PPIAF (World Bank).

The site provides summaries of and links to the more than 300 references, an 80+ page glossary and self-testing features to facilitate learning. The references include publications and decisions by regulatory agencies and other governmental bodies; policy advisories by think tanks, consultants, donor agencies, and others; and research by academics, consultants, and other experts.

The World Bank staff, academics, regulators, government officials and consultants who worked on the BoK designed it to provide a standard set of regulatory concepts and readings to which regulators throughout the world should be exposed, thus affording them opportunities for shared knowledge across countries and sectors and for improved regulatory practices.

Subsequently, PURC was invited by the World Bank to serve as the *Secretariat* for the site. Furthermore, I have been asked to serve on the Review Committee that will recommend additions and extensions to the current material. This project has received over \$100,000 in funding.