

Sujata Gamage

Sujata is a specialist on assessing, planning, and building knowledge capacity. After a career as a university teacher and researcher in chemistry, she commenced capacity building work while serving as the administrator for the research support programs at the Board of Regents in Ohio. At the Regents she was responsible for managing a grant program of US\$10 million per year to develop research capacity in the universities in the state of Ohio, USA. Since then she has taken on several assignments and consultancies on assessing and building knowledge capacity in both developed and developing countries.

She recently completed a “Faculty Quality Report” for public university system in Sri Lanka, and the “Corporate Plan” for the University Grants Commission of Sri Lanka. She was the principal investigator for an action research project on “Quality through Connectivity for Universities in Small Developing Countries” that was funded by the Research on Knowledge Systems (RoKS) program at the International Development Research Center of Canada.

She has served as the Director General of Tertiary and Vocational Education Commission of Sri Lanka, revitalizing the implementation of an ADB funded project on a national vocational qualification framework for Sri Lanka; as the Analytic Director of a team of QRC Macro consultants responsible for conducting and reporting on science resource surveys of the US National Science Foundation; and as a strategic planning specialist at the Ohio State University, USA, developing an academic quality scorecard for that university.

She is currently involved in research on assessing and building capacity for telecom reform in Asia for LIRNEasia; best practices in North-South research collaborations for the National Science Foundation of USA; and initiatives in tertiary education at the Education Forum of the Pathfinder Foundation of Sri Lanka. She is also a consultant to the Academy for Educational Development in Washington, DC and a member of the Global Network for Education Data.

Education

- Master’s in Public Administration, 1996, The Ohio State University, Columbus, OH, USA
- Ph.D. (Chemistry), 1985, University of British Columbia, Vancouver, B.C., Canada
- B.Sc. , 1976, University of Sri Lanka, Peradeniya Campus, Kandy, Sri Lanka

Employment

- 2005 – date Director, Knowledge Networks, LIRNE asia
- 2005 – date Coordinator, Education Forum, Pathfinder Foundation, Sri Lanka
- 2004 – 2005 Consultant, University Grants Commission of Sri Lanka
- 2003 – 2004 Director General, Tertiary and Vocational Education Commission (TVEC) of Sri Lanka
- 2002 -2003 Visiting Scholar, Center for Science, Policy and Outcomes, 1 Thomas Circle, NW, Suite 1075, Washington, D.C. 20002, USA
- 2000 – 2001 Analytic Director, QRC Division of ORC Macro International, Bethesda, MD, USA
- 1998 – 2000 Strategic Planning Specialist, Ohio State University
- 1996 -1998 Administrator for Research support Programs, Ohio Board of Regents, USA
- 1976 -1996 University teacher and postdoctoral researcher in chemistry, Sri Lanka and USA

Funded Projects

- 2004-2006 Principal Investigator, Promoting excellence in teaching and research through global connectivity. Funded by the International Development Research Center (IDRC) of Canada and implemented through the University Grants Commission...
US\$ 44,000
Principal Investigator, Best practices in North-South research collaborations: A case study of Sri Lanka. Funded by the U.S. National Science Foundation.
US\$ 50,000
<http://www-livecds.nsf.gov/awardsearch/showAward.do?AwardNumber=0328729>

Publications on Knowledge Capacity

Sujata Gamage and Rohan Samarajiva. From Capacity to Presence: Research on Information and Communication Technology Infrastructure Reform in the Internet Age. Accepted for publication in *Information Technology and International Development*, MIT Press

Policy Papers

- Quality through Global Connectivity: Strategies for Universities in Small States, Technical Report to the *Research on Knowledge Systems (RoKS)*, International Development Research Center, Canada, 2006
- Quality of Faculty in Humanities and Social Science in the Public university System in Sri Lanka, Report to the *University Grants Commission of Sri Lanka*.
- Sujata Gamage and Rohan Samarajiva. Science and Technology Inputs for Information and Communication infrastructure Development in Sri Lanka, *Proceedings of the Biennial Conference on Science and Technology*, National Science and Technology Council of Sri Lanka, Beruwela, Sri Lanka, September 5-7, 2002.
- A Profile of the Undergraduate population at the Ohio State University, an Analysis of the College Student Survey, *Resource Planning and Institutional Analysis*. Ohio State University. January 2000
- Reshaping Graduate Education in Science and Engineering. *Association of Women in Science Magazine*. Volume 28, Number 4, Fall 1999.
- University Research Centers: A Benchmarks and Best Practices Study, Report to the Senior Vice Provost, *Office of Academic Affairs, Ohio State University*, May 27, 1998.
- Attrition of Freshmen at the Ohio State University: An Analysis of the 1997 Student Satisfaction Survey. *of Academic Affairs, Ohio State University*. 1997.
- An Evaluation of the Ohio Board of Regents Action Fund Program: Implications for Research Program Management. *The Ohio State University, School of Public Policy and Management*, 1996.
- Human Health Risk from Power Frequency Electromagnetic Fields. Report of the Environmental Priorities '95 Committee, *Public Health Department, Columbus, Ohio, USA*, 1995.

Science Publications

- S.N. Gamage and B.R. James, Use of Dioxygen/Dihydrogen Mixtures for Oxidations Catalyzed by Rhodium Complexes. *Journal of the Chemical Society*, Chemical Communications, 1624–26 (1989).
- S.N. Gamage, B.R. James, S.J. Rettig, and J. Trotter. Synthesis and structural characterization of two triclinic modifications of diethylammonium trans-tetrachlorobis(di-methylsulfoxide- η)rhodium(III): an example of hydrogen-bond acceptor structural isomerism. *Canadian Journal of Chemistry*, 66, 1123-28 (1988).
- S.N. Gamage, R.H. Morris, S.J. Rettig, D.C. Thackray, I.S. Thorburn, and B.R. James. Formation of a trimethyldihydropermidinium cation from proton sponge [1,8-bis(dimethylamino)naphthalene] during base-promoted reactions of rhodium and ruthenium complexes. *Journal of Chemical Society. Chemical communications*: 894-95 (1987).

- S.N. Gamage, R.H. Morris, S.J. Rettig, and B.R. James. Formation of an h^1 -ylidic enamine complex of rhodium(III) during use of triethylamine for a base-promoted reaction. *Journal of Organometallic Chemistry*. 309(3): C59 (1986).

Research Presentations

- Promoting Excellence in Teaching and Research through Connectivity to Global Knowledge Networks: Strategies for a Small State, *Research on Knowledge Systems Workshop*, IDRC, Ottawa, Canada, April 24-26, 2004
- Technology Inputs to Information and communication Infrastructure Development in Developing Countries, *International Conference on Science, Technology, and Innovation*, Center for International Development, Harvard University, September 23-24, 2002.
- Using the US National Science Foundation Science and Engineering Resource Surveys for Institutional Analysis, Annual Meeting of the Association of American Universities Data Exchange, Annapolis, MD, April 3, 2001
- Using the National Science Foundation's Survey of Earned Doctorates for Institutional Research at the Academic Program Level. At the Association of American Universities Date Exchange Annual Meeting, Madison, Wisconsin, MD, June 17, 2000.
- Using the National Science Foundation's Survey of Earned Doctorates for Institutional Research at the Academic Program Level, *Association of Institutional Research Forum 2000*, Cincinnati, OH, May 21–24, 2000(with Maia Bergman).
- Versatility of the Graduate Programs in the US. *Graduation Education in the New Millennium Symposium of the American Chemical Society National Meeting*, San Francisco, March 26, 2000.

Invited Lectures

- A Labor Market Information System for Higher Education, A User Perspective, *Workshop for Deans in Science, Humanities and social Sciences*, University Grants Commission, March 17, 2006, Colombo, Sri Lanka,
- Post-graduate Research and Norms of Scholarship. *University Grants Commission's Seminar on Postgraduate Research and National Development*, August 21, 2004, Colombo, Sri Lanka.
- From Provider to Facilitator: A New Role for Government in Tertiary Education, *Public Seminar Series-1, Sari Lanka Economics Association*, October 10, 2003, Colombo, Sri Lanka

- Technical and vocational Education: A Fresh Approach, *Marie Musaeus Higgins-Peter de Abrew Memorial Lecture*, Musaeus College, Colombo, Sri Lanka.
- US National Science Foundation Surveys for Institutional Analysis. *Annual Meeting of the Association of American Universities Data Exchange*, Annapolis, MD, April 3, 2001
- Using the National Science Foundation's Survey of Earned Doctorates for Institutional Research at the Academic Program Level. Annual meeting of the Association of American Universities Date Exchange, Madison, Wisconsin, MD, June 17, 2000.
- Research Programs at the Ohio Board of Regents. Plenary Session Presenter, *Ohio Chapter of the Society for Research Administrators*, Columbus, OH, July 1997.

Memberships/Volunteer Work

- American Association for the Advancement of Science (1999 – 2005)
- Association of Institutional Researchers (1997 – to date)
- Association of Women in Science, USA (1997 – to date)
- American Chemical Society (1988 – 2001)
- Environmental Priorities Committee (City of Columbus (1995-1996)
- Ohio Environmental Council, Columbus, Ohio (1990 – 1994)
- Ohio Citizen Action (1990 – 1994)
- Committee on Chemicals and Chemical products, Sri Lanka Bureau of Standards (1985 –1987)