**Sujata N Gamage**

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Sujata specializes in planning, evaluation and capacity building for public policy using data analytics, institutional research, performance evaluations, scoping studies, systematic reviews, statistical methods and simulations, with a focus on education and training, ICT in education, research, research networks and public sector performance. She is currently the Team Leader of the Human Capital Research Program at LIRNEasia, a regional think tank based In Colombo, Sri Lanka.

Her recent research includes (1) open data for transparency in electoral demarcations (2) Indicators of workforce readiness for the 21st century in the context of ICT-enabled freelance work (3) ICT for development education at institutions of higher learning in Asia, and (4) Factors affecting the use of ICTs in the classroom by teachers.

Sujata’s public service work in recent times include serving as (1) Consultant to the Department of Elections with data and analysis in support of electoral reforms discourse in 2015 (2) Advisor on electoral reforms to the Forum of Minor Parties at the Steering Committee of the Constituent Assembly of the Parliament of Sri Lanka from 2016- to date, (3) Member of the Committee of Experts to review examinations and evaluation system and roles and functions of the Department of Examination of Sri Lanka.

In a formal capacity as a public policy professional, Sujata has served as (a) Director General of the 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 (b) Consultant to the University Grants Commission of Sri Lanka developing faculty quality ranking for the system (c) Analytic Director of a team of consultants at QRC Macro International in Bethesda, Maryland, USA, responsible for conducting and reporting on science resources for the US National Science Foundation and (d) Strategic Planning Specialist at the Ohio State University, USA, developing an academic quality scorecard for that university, (e) Administrator of Research Support Programs at the Ohio Board of Regents, Ohio, USA. In her previous career as a university teacher and researcher in Chemistry she has served as a member of the faculty in the University of Sri Jayewardenapura and the University of Colombo.

Sujata holds PhD in chemistry from the University of British Columbia and a subsequent Master’s in Public Administration from the Ohio State University of USA.

**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**

2012 - Date Team Leader, Human Capital Research Program, LIRNE*asia*

2006 - 2011 Knowledge Network Specialist, LIRNEasia; Principal investigator of the research grant agreement 104356-001 (2008-2010) with IDRC of Canada

2004 - 2005 Consultant, University Grants Commission of Sri Lanka; Principal investigator of the research grant agreement 101678-004 with IDRC of Canada

2003 - 2004 Director General, Tertiary and Vocational Education Commission (TVEC), Sri Lanka

2002-2003 Consultant, University Grants Commission of Sri Lanka; Principal investigator of research grant agreement award number 0328729 with the National Science Foundation of USA

2001 ‐ 2002 Visiting Scholar, Centre 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 researcher in chemistry, Sri Lanka and USA

**Policy Papers and Scholarly Publications**

2017 Gamage, Sujata, Sri Lanka: An overview *in Education in South Asia and the Indian Ocean Islands. Editor(s): Hema Letchamanan, Debotri Dha; Series Editor: Colin Brock.* London: Bloomsbury Academic , . <http://www.bloomsbury.com/uk/education-in-south-asia-and-the-indian-ocean-islands-9781474244299/#sthash.47wAPJY4.dpuf>

Gamage SN, Tanwar T (2017) Strategies for training or supporting teachers to integrate technology into the classroom. Education Rigorous Literature Review. International Development Research Centre, Ottawa, Canada, and the Department for International Development, UK.   [Report](http://eppi.ioe.ac.uk/cms/Publications/Systematicreviews/Teachertechnology/tabid/3697/Default.aspx),  Video

A holistic education approach is essential for keeping children in school for 13 years, *Economic Review,* April/June, Colombo: Peoples Bank

Reports on Planning processes, policies and initiatives in ICTD education at institutions of higher

learning in Asia and the Pacific:

Cambodia Country Paper

<http://www.unescap.org/sites/default/files/Report-Cambodia%20final_2.pdf>

India Country Paper

<http://www.unescap.org/sites/default/files/Report-India-final.pdf>

Republic of Korea Country Paper

<http://www.unescap.org/sites/default/files/Report-RoK-final.pdf>

Sri Lanka Country Paper

<http://www.unescap.org/sites/default/files/Report-SriLanka%20final.pdf>

Thailand Country Paper

<http://www.unescap.org/sites/default/files/Report-Thailand-final.pdf>

2016 A review of the proposed mixed-member proportional representation method of election, *Economic Review*, July-September, Colombo: Peoples Bank

2015 Gamage, Sujata (2015). Impact assessment of capacity building initiatives: Lessons from CPRsouth. Policy Brief commissioned by International Development Research Center., Canada

Samarajiva, R., Gamage, S., Kapugama, N. (2015). “Research to Policy south: A mechanism to enhance and sustain contributions to policy from think tanks and university faculty,” Proceedings of Conference on status and role of social sciences research in Asia – emerging challenges and policy lessons, Indian Council on Social Science Research.

2014 Inter-Organizational Communities of Practice for Improved Organizational Performance, <http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2443989>

2013 Gamage, Sujata N. (2013). Evaluating for Equity in General Education. Fourth Biennial International Conference of the Sri Lanka Evaluation Society. Mount Lavinia, Sri Lanka, July 24-25.

Gamage Sujata N. and Roshanthi Lucas Gunaratne (2013, April). Sri Lanka Country Study for the Third Global Report on Decentralization and Local Democracy (GOLD III)-Asia Pacific Region. United cities and Local Government Consultation, Ahemedabad, April 15-17.

Gamage, Sujata N., Samarajiva, Rohan and Kapugama, Nilusha (2013, March). Organizing for Policy: A Social Network Analysis. *2013 EuroCPR*, Brussels, March 21-22.

<http://www.eurocpr.org/data/2013/Samarajiva.pdf>)

2012 Gamage, Sujata N., Petersen, Il-Haam (2012, December). Merits of the Carnegie Classification Framework for Benchmarking the Performance of Universities in the South. *Journal of the World Universities Forum*, Volume 5, Issue 2, pp.73-88.

Gamage, Sujata N., Samarajiva, Rohan and Kapugama, Nilusha (2012, September). Organizing for Policy Impact in Telecommunication: A Framework for Action. *2012 TPRC*, Washington, D.C., September 21-22

[http://ssrn.com/abstract=2032319](http://ssrn.com/abstract%3D2032319)

Gamage, Sujata N (2012, July). Communities of Practice for Inter-organizational Knowledge Management: An Empirical Study, Knowledge Management International Conference (KMICe), Johor Bahru, Malayasia, July 1-4. <http://www.kmice.cms.net.my/ProcKMICe/KMICe2012/PDF/CR111.pdf>

2011 Knowledge Networks or Skills Development in Local Government: A Policy Brief (2011). LIRNEasia, Colombo, Sri Lanka

<http://lirneasia.net/wp-content/uploads/2009/06/Policybrief_Networks_E.pdf>

Linking Knowledge to Innovation in Government Services: The Case of Solid Waste Services in Local Government in Sri Lanka. Technical Report. Project # 104356-001, International Development Research Center of Canada. http://lirneasia.net/wp-content/uploads/2009/06/TechnicalReport\_K2I\_2011Jul.pdf

2010 and before

Survey of Waste management at 5 Local Authorities Surrounding North Bolgoda Lake: A Policy Brief (2011). LIRNEasia, Colombo, Sri Lanka

<http://lirneasia.net/wp-content/uploads/2009/06/K2I_Cleancity_Policybrief.pdf>

Sujata Gamage and Samarajiva, R. (2008). Internet Presence as Knowledge Capacity: The Case of Research in Information and Communication Technology Infrastructure Reform. Information Technologies & International Development, North America, 4 1 03 2008. http://itidjournal.org/itid/article/view/304)

Sujata Gamage (2008). Right to Education is Meaningless without Accountability in the Public Education Sector. Law and Society Trust Review (Sri Lanka). Volume 18 Issue 248 June <http://www.lawandsocietytrust.org/web/index.php?option=com_content&task=view&id=124>&Itemid=143

Sri Lanka’s Innovation System according to the 2008 “Building the Knowledge Economy” document of the world Bank. <http://siteresources.worldbank.org/INTSRILANKA/Resources/Innovation.pdf>

Sujata N Gamage and OG Dayaratne Banda (2008). Education in Sri Lanka: An Economic Perspective. Sanvada Policy Brief 08. Pathfinder Foundation, Colombo, Sri Lanka http://sanvada.org/images/documents/sanvada%20policy%20brief%20on%20education.pdf

Linking knowledge to innovation in economy and society: The role of universities in Asia. Proceedings of a seminar held in Taj Samura, Colombo on January 25, 2007. <https://idl-bnc.idrc.ca/dspace/handle/10625/44793>

Rohan Samarajiva and Sujata Gamage (2007). Bridging the Divide: Building Asia‐Pacific. Information Society, Volume 23 , Issue 2 , March, Pages 109‐117.

http://portal.acm.org/citation.cfm?id=1392727&dl=GUIDE&coll=GUIDE)

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.

https://idl‐bnc.idrc.ca/dspace/handle/123456789/30581

Gamage, Sujata N. (2005) An Assessment of the Quality of Faculty in Humanities and Social Sciences in the Public University System in Sri Lanka. Journal of the University Librarians Association of Sri Lanka (Vol 9), pp 1‐11.

http://www.sljol.info/index.php/JULA/article/viewFile/310/353

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.

**Research Presentations/Invited Lectures**

* Organizing for policy Impact in Telecom/ICT. With Rohan Samarajiva and Nilusha Kapugma. Telecom Policy Research Conference, Washington, D.C , September 21-23, 2012
* Communities of Practice for Inter-organizational Knowledge Management,: An empirical Study.
* Knowledge Management International Conference and Exposition, Johor Bharu, Malaysia, July 2-14, 2012
* Asian Network for Economics of Learning, Innovation, and Competence Building Systems (ASIALICS). Hanoi, Vietnam, July 7-9, 2011
* A Framework for Assessing Municipal Solid Waste Management, Waste Safe, Khulna, Bangladesh, February 13-15, 2011
* Taking Stock of the Asian Higher Education Landscape, World Universities Forum, Hong Kong, January 13-17, 2011
* Sujata Gamage and Chammi Gunatilake. A study of the performance of different types of officials in Solid waste Management in selected provinces of Sri Lanka 66th Annual Scientific Sessions, Sri Lanka Association for Advancement of Science (SLAAS) SLAAS 6-10/ 12/2010 Colombo
* Sujata Gamage and Anusha wickramaratne. Results of a Pilot Survey to Develop a Clean City Ranking for Sri Lanka. 66th Annual Scientific Sessions, Sri Lanka Association for Advancement of Science (SLAAS) SLAAS 6-10/ 12/2010 Colombo
* Merits of the Carnegie Classification System: A User-Driven Multi-Dimensional Framework for Higher Education, Global Network for Economics of Learning, Innovation, and Competence Building Systems (Globelics), Kuala Lumpur, November , 2010
* Merits of the Carnegie Classification System: A User-Driven Multi-Dimensional Framework for Higher Education, Council for Higher Education, Islamabad, Pakistan. April 27, 2010
* Lessons in Knowledge Management for Policy Makers in Developing Countries: The Case of Solid Waste Services in Sri Lanka. Innovation Symposium. WITS University, Johannesburg, South Africa. February 24-26, 2010
* Merits of the Carnegie Classification System: A User-Driven Multi-Dimensional Framework for Higher Education. Council for Higher Education, Pretoria, South Africa. February 23, 2010
* Panel on innovation systems (Glenda Kruss, Human Sciences Research council, South Africa; Rasheed Sulaiman, Centre for Research on Innovation and Science Policy, India; and Sujata Gamge, LIRNEAsia, LIRNEasia@5 Conference, Colombo, Sri Lanka. December 9-11, 2009.
* http://lirneasia.net/projects/lirneasia-at-5/
* Digital Content: Why K4D won’t work without. Third International Conference of theUniversity Librarians Association. Colombo, June 2007
* A Knowledge Network for Communication Policy Research in the Asia pacific. CPRsouth1 Conference, Manila, Philippines, January 19‐21, 2007. (http://www.cprsouth.org/index.html/)
* Ranking Higher Education Institutions in Developing Countries: A Feasibility Study from Sri Lanka. Proceedings of the Sixth Annual Conference of the South East Association of Institutional Researchers in Langkawi, Malaysia, September 4‐6, 2006, p. 316‐319.
* Framework for Assessing and Ranking the Quality of University Faculty. Proceedings of the Sixth Annual Conference of the South East Association of Institutional Researchers in Langkawi, Malaysia, September 4‐6, 2006, p. 320‐326
* 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
* From Lecturers to Excellent Teachers: Preliminary Results in Evaluating Scholarly Capacity of Humanities and Social Science Lecturers in Sri Lankan Universities. 1st Annual Conference of the Sri Lanka Association for Improving Higher Education Effectiveness (SLAIHEE). 31st March 2005, University of Colombo
* 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
* 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
* 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.
* Global Knowledge Networks: Strategies for a Small State, *Research on Knowledge Systems Workshop*, IDRC, Ottawa, Canada, April 24‐26, 2004
* Technical and Vocational Education: A Fresh Approach, *Marie Musaeus Higgins-Peter de Abrew Memorial Lecture*, Musaeus College, Colombo, Sri Lanka, August, 2003
* 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. Annual meeting of the Association of American Universities Date Exchange, 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, Ohio, 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
* Research Programs at the Ohio Board of Regents. Plenary Session Presenter, *Ohio Chapter of* *the Society for Research Administrators*, Columbus, Ohio, July 1997

**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 tricilinic modifications of diethylammonium trans‐tetracholorobis(di‐methylsulfoxide‐
* S)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 h1‐ylidic enamine complex of rhodium(III) during use of triethylamine for a base‐promoted reaction. *Journal of* *Organometallic Chemistry*. 309(3): C59 (1986).

**Memberships/Volunteer Work**

* Member, Committee of Experts to review examinations and evaluation system and

roles and functions of the Department of Examinations (2017 May onwards)

* Board Member, SL2COLLEGE (2011 – 2015)
* Member, HR & Education Sub‐Committee, Ceylon Chamber of Commerce (2007‐date)
* Coordinator, Sri Lanka Education Forum, www.educationforum.lk (2005‐to date)
* American Association for the Advancement of Science (1999 – 2005)
* Association of Institutional Researchers (1997 – 2005)
* Association of Women in Science, USA (1997 – 2005)
* 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)