

## Education

PhD, Witwatersrand University 2009. Title: *Wire Less: A decade of telecommunications reform in South Africa*. Supervisor: Prof Robin Mansell, London School of Economics and Politics.

Certificate in Economics and Public Finance, UNISA (University of South Africa) 1988.

MA, University of Natal, Durban (SA) 1994. Title: *Towards a Democratic Media Policy for South Africa*.

Honours in African Political Studies, University of Transkei, (SA) 1982 B Journalism, Rhodes University, Grahamstown (SA) 1979

## Experience

### Professional:

*Currently:*

Executive Director of Research ICT Africa, a digital policy think tank based in Cape Town and responsible for developing and directing an African-wide ICT policy and regulatory research network with the purpose of developing on the continent the data Now in its 15 year the networks covers countries in North, South, East and West Africa.

Adjunct professor: University of Cape Town, Adjunct Professor, Nelson Mandela School of Public Governance, University of Cape Town. Responsible for convening of African Digital Economy and Society doctoral programme: supervision of PhD students and convening executive and professional development training for regulators, policy makers, parliamentarians and ICT industry.

Adjunct professor: University of Cape Town, Graduate School of Business, Management of Infrastructure Regulation (MIR) responsible for PhD supervision.

2006 Associate Professor, Graduate School of Public and Development Management, University of the Witwatersrand, SA. Learning Information Networking and Knowledge (LINK) Centre.

2003 Research Director, *LINK Centre*. Responsible for developing African ICT policy research network (Research ICT Africa)

1999 – Founding director of the *LINK Centre*, responsible for establishing and developing a centre to create policy and regulatory capacity in the area of telecommunications, broadcasting and information communication technology through training, research and consultancy in the southern African region. Consultancy experience during this time included assisting the Independent Broadcasting Authority with the development of a regulatory framework for satellite broadcasting in South Africa (1999); Local Content review and regulatory framework for universal access for the Independent Communications Commission of South Africa (ICASA); broadband case study on South Africa for the International Telecommunication Union international broadband study; South Africa Internet pricing case study and SA case study on *Improving the Position of Developing Countries in International Fora* for the UK Department for International Development; advising the

national lottery on their national data communications network and consulting on interconnection agreements and Joint Economic Development Programme requirements of Wireless Business Solution's data communication licence.

1997 *Councillor, South African Telecommunications Regulatory Authority (SATRA)*. Appointed to the Council of SATRA by the President, on the recommendation of Parliament, following a public nomination process. Collectively responsible with five other councillors for setting up of an independent regulator to oversee the regulation of the telecommunications sector in the public interest. The Council was responsible for implementing government policy to transform the sector through the delivery of universal access, expansion of competition in mobile cellular services and later fixed voice services; formulating human resource development strategies for the sector and ensuring the empowerment of historically disadvantaged individuals and communities.

1994 *Independent Broadcasting Authority: Policy Department*

Founding head of department, specifically responsible for co-ordination of the *Triple Inquiry Report* on the protection and viability of public broadcasting, cross-media control and local content for Parliament.

1984 Lecturer in Journalism and Politics, Department of Journalism and Public Relations, Technikon Natal, Durban.

1979 Journalist, sub-editor, freelance and editor on several publications including, The Rand Daily Mail and The Sowetan and in-house publications.

## **Publications and editorships**

Published in the areas of public policy, media, telecommunications, gender, and informal sector development including and reviewer/panel for Telecommunications Policy (Elsevier), Information Technology and International Development (MIT), Journal of Digital Media and Policy (Taylor & Francis) Editorial board of Review of Policy Research, Blackwells, London.

**Associate Editor:** Discovery, Journal of the International Telecommunications Union, Geneva.

### **Guest editor:**

Guest Editor (2016) Special issue Communication Policy Research South, *Information Technology and International Development*, USC Annenberg School for Communication and Journalism, Los Angeles Vol.12. Spring.

Guest Editor (2013) Vol. 15 no.5, Connecting Africa and Asia:ICT policy research and practice for the global South, *info*, Emerald, London.

Guest Editor (2012) Vol. 14 no.4, Connectivity and Convergence: the uneven story of Africa, *info* Emerald, London

Guest Editor (2011) Vol. 13 no.3 & 2012. Vol. No. 20, 2013) *info*, Special Issue on Africa, Emerald, London.

**Journals/portals**

Stork, C and Gillwald, A (2014) Link between termination rates and retail prices in Namibia, Kenya and South Africa, *Telecommunications Policy*, Volume 38, Issues 8–9, September 2014, Pages 783-797, Elsevier, Pergamon.

Stork C, Calandro E, Gillwald A (2013) Internet going mobile: Internet access and use in 11 African countries. *Info* 15(5): 34–51. Emerald.

Gillwald, A & Jean Paul Simon (2012) The ICT Landscape in BRICS countries: South Africa, No. 86, Communications & Strategies, Idate, Montpellier, France.

Gillwald, A & Muruithi, M (2011) Regulatory Intervention or Disruptive Competition: Ending Roaming charges in East Africa, *INFO*, Special Africa Issue, Spring, Emerald, London.

Milek, A, Stork C & Gillwald A (2011) Towards Evidence-based ICT Policy and Regulation: Gender Assessment of ICT Access and Usage in Africa, *Info*, Special Africa Issue, Spring, Emerald, London.

Gillwald A (2010) The Poverty of ICT Policy, Research and Practice, *Information Technologies and International Development*, MIT Press, Cambridge.

Gillwald A, Esselaar S and Sutherland E (2007) The Regulation of Undersea Cables and Landing Stations [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1472405](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=1472405)

Gillwald, A (2005) Closing the Window of Opportunity: Under-serviced Area Licensing in South Africa, *Information Technologies and International Development*, MIT Press, Cambridge.

Gillwald, A (2005) Good Intentions, Poor outcomes: Telecom Reform in South Africa, *Telecommunications Policy*, Vol.29. Issue 4. Elsevier. Pergamon.

Gillwald A (2004) *Real reform, good governance and affordable access: national keys to unlocking global participation and networking*, US Social Sciences Research Council International Co-Operation and Governance: ICT and Transnational Civil Society, [www.ssrc.org/programs/itic/publications/Gillwald1.pdf](http://www.ssrc.org/programs/itic/publications/Gillwald1.pdf)

Gillwald A (2004) *Participatory Democracy, Human Capital and Information: Some Basic Requirements for an Effective National and Transnational Civil Society*, US Social Sciences Research Council International Co-Operation and Governance: ICT and Transnational Civil Society.

[http://www.ssrc.org/programs/itic/publications/knowledge\\_report/memos/gillwaldmemo2.pdf](http://www.ssrc.org/programs/itic/publications/knowledge_report/memos/gillwaldmemo2.pdf)

Firth L, Gillwald A, Houghton J, Morris P, Prosperetti L and Merini Matteo: Broadband: Four Nations' Experiences, *Journal of Network Industries*, Kluwer Law International, Netherlands, 2001.

Gillwald, A: (1988) *Convergence, Regulation and the Public Interest*, *Intermedia*, London.

Gillwald, A (2007) Straddled Between Two Stools: Broadband developments in South Africa, *Southern African Journal of Information and Communication*, LINK Centre, Witwatersrand University, Johannesburg.

Gillwald A (2001) Experimenting with Institutional Arrangements for Communications Policy and Regulation: The case of telecommunications and broadcasting in South Africa, *Southern African Journal of Information and Communication*, Vol.2. No.1 Wits University, Johannesburg,

Gillwald A (2000) Telecommunications Policy and Regulation for Women and Development, *South African Journal of Information and Communication*, Vol. 1. No.1, Witwatersrand University, Johannesburg,

Gillwald A (1988) 'A Black Coup' - Inkatha and the Sale of Ilanga, *Transformation*, 7, University of Natal, Durban. pp 27 - 36.

### Book Chapters

Cloete, C and Gillwald A (2014) Informational development in South Africa in Castells, M and Himanen P, *Reconceptualizing Development in the Global Information Age*, Oxford University Press, London.

Gillwald, A and Calandro, E (2014) Policy considerations for mobile development in Africa, in Skouby, K Henten, A, Tobbin, P & Williams, I *Mobile Development: Perspectives from Africa, International Telecommunications Union*.

Gillwald, A (2014) ICTD, Regulation and Development in *International Encyclopedia of Digital Communication & Society*, Wiley-Blackwell, London

De Lanerolle I, Gillwald, A (2014) Let Them Eat Movies: (How) Will Next-Generation Broadband Diffuse Through Africa? In O'Neill, J. Noam E, and Gerberg E (eds) *Broadband as a Video Platform - Strategies for Africa*, Springer, pp.15-40 DOI: 10.1007/978-3-319-03617-5

Gillwald A (2008) Infrastructure, *Encyclopedia of Communications*, Blackwell's, London.

Cohen, T and Gillwald, A (2008) The Ambiguities of Participation in the Global Governance of Electronic Networks: Implications for South Africa and Lessons for Developing Countries in Wilson E and Drake, W (eds) *Governing Global Electronic Networks*, MIT Press, Cambridge.

Gillwald, A (2005) *Stimulating Investment in Network Extension: Lessons from South Africa* in Melody, W and Mahan, A (eds) *Stimulating Investment in Network Development: Case studies and Research from WDR Research Cycle II*, World Dialogue on Regulation for Network Economies and infoDev. ISBN 87-90288-18-1

Gillwald, A (2002) Policy and Regulatory Challenges for Access and Affordability, in Mansell R, Samarajiva R and A Mahan (eds) *Networking Knowledge for Information Societies*, Delft University Press, Delft.

Gillwald, A (2001) in James, T (Ed) *The ICT Policy Handbook*, IDRC, Johannesburg

Gillwald, A (2001) Building Castells in the Ether, in *Challenges of Globalisation*, (eds) Muller, Cloete and Badat, Maskew Miller Longman, Cape Town.

Gillwald A (1999) Regulation of the telecommunications sector in South Africa, in BMI-Technology

*Communication Handbook 1999*, Johannesburg.

Gillwald A (1991) Understanding Media through Gender – Methods of Developing Media Awareness, in *Media Matters in South Africa*, (eds.) Prinsloo J and Criticos C, Media Resource Centre, University of Natal Press.

Gillwald A, Esselaar S, Rademan B (Forthcoming) Open access networks: driver or inhibitor of affordable broadband in South Africa? *Telecommunications Policy, Summer 2017, Elsevier, Pergamon*.

### Policy papers and reports

Gillwald A, Mothobi O, Tusubira T, and Ndilwana A (2019) Policy Paper Series 5, no. 8 The State of ICT in Uganda

Gillwald A, Mothobi O (2019) Policy Series No 5, Paper no. 1.; After Access – Barriers to internet use- Kenya, Nigeria, South Africa and Rwanda -

[https://researchictafrica.net/publications/Other\\_publications/2017\\_internet\\_use\\_barriers\\_and\\_user\\_strategies-kenya\\_nigeria\\_south\\_africa\\_and\\_rwanda.pdf](https://researchictafrica.net/publications/Other_publications/2017_internet_use_barriers_and_user_strategies-kenya_nigeria_south_africa_and_rwanda.pdf)

Gillwald A, and Mothobi O (2018) Policy Paper Series. 5, no. 6: After Access The state of ICT in Mozambique [https://researchictafrica.net/wp/wp-content/uploads/2019/03/2019\\_After-Access\\_The\\_State-of-ICT-in-Mozambique.pdf](https://researchictafrica.net/wp/wp-content/uploads/2019/03/2019_After-Access_The_State-of-ICT-in-Mozambique.pdf)

Gillwald A, and Mothobi O (2018) Policy Paper Series No. 5 Paper No. 7 After Access: A Demand-side View of Mobile Internet From 10 African Countries. [https://researchictafrica.net/2019\\_after-access\\_africa-comparative-report/](https://researchictafrica.net/2019_after-access_africa-comparative-report/)

Gillwald A, Mothobi O, Rademan B (2018) After Access – State of ICT in South Africa Policy Paper no. 5, Series 5: Research ICT Africa, Cape Town - [https://researchictafrica.net/after-access-south-africa-state-of-ict-2017-south-africa-report\\_04/](https://researchictafrica.net/after-access-south-africa-state-of-ict-2017-south-africa-report_04/)

Gillwald A, Odufuwa F, and Mothobi O (2018) : After Access – State of ICT in Nigeria, Policy Paper no. 3 Series 5, Research ICT Africa, Cape Town.

Mothobi O, Schoentegen A and Gillwald A (2018) Policy Paper no. 2, Series 5: After Access – Microwork- [https://researchictafrica.net/wp/wp-content/uploads/2018/10/After-Access\\_The-state-of-microwork-in-Africa.pdf](https://researchictafrica.net/wp/wp-content/uploads/2018/10/After-Access_The-state-of-microwork-in-Africa.pdf)

Gillwald A, Mothobi O, and Rademan B (2017) Policy Paper Series 5 no. 5, After Access – State of ICT in South Africa - [https://researchictafrica.net/after-access-south-africa-state-of-ict-2017-south-africa-report\\_04/](https://researchictafrica.net/after-access-south-africa-state-of-ict-2017-south-africa-report_04/)

Gillwald A, Mothobi O, and Schoentegen A (2017) What is the state of microwork in Africa? A view from seven countries, Research ICT Africa working paper 3, available at [https://researchictafrica.net/wp/wp-content/uploads/2017/12/Microwork\\_WorkingPaper\\_FINAL.pdf](https://researchictafrica.net/wp/wp-content/uploads/2017/12/Microwork_WorkingPaper_FINAL.pdf)

Gillwald A and Odufuwa, F (2017) Policy Series 5 Paper no. 3.; After Access State of ICT in Nigeria <https://researchictafrica.net/after-access-nigeria-state-of-ict-2017/>

Gillwald A and DeenSwarry M (2016) The state of ICT in Lesotho, Lesotho Communicatons Authority, and International Telecommunications Union, available at [https://researchictafrica.net/wp/wp-content/uploads/2018/01/2017\\_The-State-of-ICT-in-Lesotho\\_RIA\\_LCA.pdf](https://researchictafrica.net/wp/wp-content/uploads/2018/01/2017_The-State-of-ICT-in-Lesotho_RIA_LCA.pdf)

Gillwald A (2016) Beyond Access: Addressing digital inequality in Africa, paper commission for the *Global Commission on Internet Governance* by the Centre for International Governance Innovation (“CIGI”) and the Royal Institute of International Affairs (“Chatham House”), Waterloo, Canada.

Gillwald A, Aiko D, Esselaar S, Odufuwa F and Rademan, B (2016) Can Open Access Network Policies Deliver Broadband in Africa: The cases of Kenya, Nigeria and South Africa, Policy Paper no.2 Vol. 4, Research ICT Africa, Cape Town, available at [http://www.researchictafrica.net/publications/Other\\_publications/2016\\_Can\\_Open\\_Access\\_Network\\_Policies\\_Deliver\\_Broadband\\_in\\_Africa](http://www.researchictafrica.net/publications/Other_publications/2016_Can_Open_Access_Network_Policies_Deliver_Broadband_in_Africa)

Gillwald A, Chair C, Futter A, Koranteng K, Odufuwa F, Walubengo, J (2016) Much Ado About Nothing: Zero Rating in the African Context, Policy Paper 1 vol.4, Research ICT Africa, Cape Town available at [http://www.researchictafrica.net/publications/Other\\_publications/2016\\_RIA\\_Zero-Rating\\_Policy\\_Paper\\_-\\_Much\\_ado\\_about\\_nothing.pdf](http://www.researchictafrica.net/publications/Other_publications/2016_RIA_Zero-Rating_Policy_Paper_-_Much_ado_about_nothing.pdf)

Deen-Swarray M, Gillwald A, Khan S, Morrell A (2015) Lifting the veil on ICT gender indicators in Africa, Policy Paper 13, *Evidence for Policy Action Series*, Research ICT Africa, CapeTown. [http://www.researchictafrica.net/publications/Evidence\\_for\\_ICT\\_Policy\\_Action/Policy\\_Paper\\_13\\_-\\_Lifting\\_the\\_veil\\_on\\_gender\\_ICT\\_indicators\\_in\\_Africa.pdf](http://www.researchictafrica.net/publications/Evidence_for_ICT_Policy_Action/Policy_Paper_13_-_Lifting_the_veil_on_gender_ICT_indicators_in_Africa.pdf)

Calandro E, Gillwald, A, and Stork C, (2013) Understanding internet going mobile.. Internet access and use in 11African Countries, Policy Paper 14, Research ICT Africa, Cape Town. [http://www.researchictafrica.net/publications/Evidence\\_for\\_ICT\\_Policy\\_Action/Policy\\_Paper\\_14\\_-\\_Understanding\\_Internet\\_Going\\_Mobile.pdf](http://www.researchictafrica.net/publications/Evidence_for_ICT_Policy_Action/Policy_Paper_14_-_Understanding_Internet_Going_Mobile.pdf)

Gillwald, A & Stork, C (2008) *Towards Evidence-based ICT Policy & Regulation: ICT access and usage in Africa*, Research ICT Africa, ISSN 2073-0845 and available at [www.researchICTAfrica.net](http://www.researchICTAfrica.net)

Esselaar S, Gillwald A and Stork, C (2007) Towards and African E-Index: Supply-side Analysis of 16 African countries. Research ICT Africa! available at [www.researchICTAfrica.net](http://www.researchICTAfrica.net)

Esselaar S and Gillwald A (2006) South African Telecommunications Sector Performance Review, *Link Centre Public Policy Research paper no. 8*, Witwatersrand University [www.researchICTAfrica.net](http://www.researchICTAfrica.net)

Gillwald A (ed) (2005) *Towards and African e-Index: ICT access and usage in 10 African countries*, LINK Centre, Witwatersrand University, South Africa, [www.researchICTAfrica.net](http://www.researchICTAfrica.net)

Gillwald A and Esselaar S (2004) South African Telecommunications Sector Performance 2004 Review, *LINK Centre Public Policy Paper No. 7*. Witwatersrand University

Gillwald A (ed.) (2003) ICT Sector Performance in Africa: a review of seven countries, Research ICT Africa! [www.researchICTAfrica.net](http://www.researchICTAfrica.net).

Gillwald A and Kane S (2003) South African Telecommunications Sector Performance Review, *LINK Centre Public Policy Research Paper, No.5*, Witwatersrand University.

Gillwald, A (2003) National Convergence Policy in a Globalised World: Preparing South Africa for Next Generation Networks, Services and Regulation, LINK Centre Public Policy Research Paper. No.4, Witwatersrand University, Johannesburg.

Gillwald, A (2003) Under-serviced Area Licences in South Africa: Steps to achieving viable operators, LINK Centre Public Policy Research Paper no.3, Witwatersrand University, Johannesburg. Gillwald, A: (1994) Women, Media and Democracy in South Africa, *Media Development*, London.

Gillwald, A: (1993) The Public Sphere, the Media and Democracy, *Transformation*, no.21, pp 65 - 77, University of Natal Press.

Gillwald, A: (1992) Gender, Media and Democracy, *Sash*, vol.35, no.2..

Gillwald, A: (1991) Media morality: More than Codes of Ethics in *Media in a New South Africa*, IDASA.

Gillwald, A (1984) Hawkers of Umtata - Reflections on the Current Situation, *Transkei Development Review*, vol. 3, no. 1-2, pp 32 - 41.

### Some Published Conference proceedings

Esselaar S, Gillwald A and Stork C (2017) Analysis Instead Of Summation: Why Indices Are Not Enough For ICT Policy And Regulation available at <http://ssrn.com/abstract=304371>.

Deen Swarray, M and Gillwald A (2018) *Beyond the Veil: Identifying the Underlying Factors of Digital Inequality between Men and Women* [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3275100](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3275100)

Geerdts C and Gillwald A (2017) Developing Smart Free Public Wi-Fi in South Africa: Can Public Wi-Fi Help Redress Digital Inequality, and If So, How? Emerging Lessons from South Africa's Diverse Implementations

Gillwald, A (2008) *Where are we now? Reviewing African indicators after the World Summit on the Information Society (WSIS)*,

[http://www.allacademic.com/meta/p\\_mla\\_apa\\_research\\_citation/1/1/2/1/8/p112180\\_index.html](http://www.allacademic.com/meta/p_mla_apa_research_citation/1/1/2/1/8/p112180_index.html)

Teljeur, E, Gillwald, A, Steyn, G and Storer, D. (2003) *Regulatory Frameworks Impact and Efficacy* Vol.1. and Vol.2. Trade and Industrial Policy Strategy and Development Policy Research Unit, University of Cape Town.

### Consulting experience and technical assistance:

2019 – African Development Bank: Opportunities and Risks of Fourth Industrial Revolution in Africa.

2018 – African Union & European Union: Policy and Regulation Initiative for Digital Africa (PRIDA)

2017 – ITU/Ministry of Communications: Digital Readiness Assessment.

2016 – World Bank Broadband and Gender Gap Analysis for Zambia.

2015 – African Development Bank Lead Consultant, ICT Sector Performance Review of Malawi, Mozambique and Zambia.

2014- Communications Regulators' Association of Southern Africa, development of SADC Open Access Guidelines

2013 -2014 – ICASA broadband value chain analysis and market review.

2013 – Lead expert group to draft national broadband plan SA Connect.

2013 – Economic regulation of telecommunications for 20-year Presidential review of Government, Government of South Africa.

2011-2012 Support South African *National Planning Commission* on ICT for Diagnostic Report and National Development Plan.

ICT 2010-2011 Engaged by the *Mauritian Government* and the *African Development Bank* to conduct the review of their national e-strategy and propose a renewal strategy for Mauritius for the next three years, i-Mauritius report.

2010 - Technical advisor to the ITU on the *Harmonisation of ICT Policies in Sub-Saharan Africa (HIPSSA)* for the SADC region

2009-2010 Scientific Advisor to UNDESA for conference on The Role of Parliamentarians in the Development of an Equitable Information Society, Kigali, Rwanda and building Parliamentary Committees on Communications.

2008 - Gap Analysis on ICT Policy and Regulation Capacity, Research and Technical Assistance in Africa, Caribbean and Pacific (infoDev)

2007 - South African Treasury (Department of Finance) on Regulated Prices for Infrastructure Industries.

2008 - Technical advice to South African Competition Commission on Telkom BCX merger. 2006 -Trade and Industrial Strategy Project (TIPS) consultancy to South African Department of Trade and Industry on World Trade Organisation (WTO) negotiations on telecommunications. 2004 - Sector Impact Analysis on Job Creation and Poverty Alleviation (Trade and Industrial Strategy, TIPS, for the South African Presidency).

2004 - Assessing the Impact of Restructuring and Privatisation on the South African Economy, (Trade and Industrial Strategy (TIPS) consortium for Department of State Enterprises.)

2003 - Ten-year review of economic regulation in the telecommunications sector (SA Presidency).

2003 - Competition Commission, technical assistance on SAVA anti-competitive practice dispute with Telkom.

2002 - Under-serviced areas licensing and regulatory framework (ICASA).

2002 - South African Case Study as part of international study on *Improving the Participation of Developing Countries in International Decision-Making*, DFID.

2001 - Independent Communications Commission of South Africa (ICASA) Local Content Review.

2001 - Commonwealth Telecommunications Union – Development of Policy and Regulatory Training Curriculum.

2001 - DFID – South African Case Study on Internet Costing 1999 - Independent Broadcasting Authority – Development of regulatory and a licensing regime for Satellite Broadcasting.

2001 - International Telecommunication Union – South African Case Study on the Policy and Regulatory Implications of Broadband.

2000 - Government Information and Communication System: Development of Discussion Paper on the Media Diversity and Development Agency.



**International Lectureships/professional development programme and training**

2015 Guest Convener and facilitator: ICT indicators for Evidence Based Policy, CETIC, national digital statistical office, UN Centre of Excellence, Sao Paulo, Brazil.

2015 Convener: Young Scholar Programme CPRsouth 2015, Yuen Ze University, Taipei.

2014 Convener: Young Scholar Programme, CPRsouth 2014, UCT GSB, Maropeng, South Africa.

2012 Convener: Young Scholar Programme, CPRsouth 2012, University of Mauritius.

2011 Convener: Customised Training for the Fourth Parliament of South Africa, GSB, University of Cape Town.

2011 ICT Policy and Regulation, Polytechnic, Windhoek.

2011 Convener: Alternative Regulatory Strategies: ICT policy and regulation for African and Asia, GSB, UCT.

2010 Convener; Customised training of new Namibian Communications Regulatory Authority of Namibia. 2009 Young Scholars Programme, CPRsouth, Colombo, Sri Lanka.

2009 Young Scholars Programme, CPRsouth Beijing.

2005 LIRNEasia Regulator's Workshop, Lessons from South Africa, Singapore.

2004 Telecom reform for Developing Countries: Lessons from South Africa, International Seminar on ICT Policy Reform and Rural Communication Infrastructure for the Central Asian Republics, Keio University, Tokyo.

2004 Universality at International Regulatory Programme for Developing Countries, Technical Academy, Kalmar, Sweden.

2003 – Universality at International Regulatory Programme for Developing Countries, Technical Academy, Kalmar, Sweden

2003 - Transforming Telecoms Reform for Development Seminar, invitation lecture for Centre for Public Law and Innovation, University of Toronto.

2003 – Commonwealth Telecommunications Organisation (CTO) Telecommunication Policy Regulation and Law programme for West African Telecommunications Regulators, Ougadougou, Burkina Fasso.

2002 – International Telecommunications Union (ITU) Telecommunication Policy Regulation and Law programme for Association ICT Regulators of East Africa, ITU Centre of Excellence, Nairobi, Kenya.

2001 - Commonwealth Telecommunications Organisation (CTO) Telecommunication Policy Regulation and Law programme for Southern African Telecommunications Regulators, Lusaka, Zambia

2000 – ITU/ CTO Telecommunication Policy Regulation and Law programme for Caribbean regulators in Trinidad and Tobago.

**Office, awards, directorships, service**

2015 – Western Cape Education Council

2015 – Foundation board member of Western Cape Digital Foundation.

2014 – International Corporation for Assigned Names and Numbers, (ICANN) President’s Expert Panel on Multistakholderism

2013 - Deputy Chairperson, National Broadband Advisory Council.

2009 – Presidential (Lula) International Expert Group member on Brazilian broadband policy.

2009 Invitee to Harvard II: Second IDRC Roundtable on ICT for Poverty Alleviation hosted by Nobel laureates Amartya Sen and Michael Spence, Harvard University

2008 Reappointed to the Board of the SABC. (dissolved 2009)

2004- 2008 Appointed by the President Mandela on the recommendation of Parliament to the Board of the South African Broadcasting Corporation.

1998-2005 Board of Media, Monitoring Project

2004 Selected as one of six members to the United States Social Sciences Research Council (SSRC) international panel on ICT and Transnational Civil Society.

2003 Invitee to Harvard 1: IDRC Roundtable on ICT for Poverty Alleviation hosted by Nobel laureates Amartya Sen and Michael Spence, Harvard University.

2002-2004 Member of the Board of Womensnet.

2001 Appointed by the Minister of Communications to the chair of the South African Digital Broadcasting Advisory Body.

2001 International Advisory Board, University of West Indies, Masters in Telecommunications Regulation.

2000 Founding Editor, *Southern African Journal of Information and Communication*, Witwatersrand University (accredited in 2003).

2000 Appointed to the African Communications Ministers’ Advisory Group by Minister of Communications.

1998 International Telecommunications Union (ITU) Task Force on Gender Issues (Chair of Working Group1 on reform, legislation and regulation.

1997 Appointed to founding Council of the South African Telecommunications Authority. 1996 Seconded to intergovernmental task team for G8 in Africa - Information Society and Development ISAD)

Seconded to Department of Communication task team on institutional design for implementation of national policy and law.

1994 - Board member of the Media Monitoring Project.

1994 - Advisory committee member of the Independent Media Commission for first democratic elections in South Africa.

1993 - Campaign for Independent Broadcasting, liaison for Natal.

1992 -Advisory board member (media) for Sached.

