

Eduard Jan Beck – Abbreviated Curriculum Vitae 17-4-2018

PERSONAL DETAILS

Name: Eduard Jan BECK
 Address: 670 Old Notch Road, Sutton J0E 2K0, Quebec, Canada
 Telephone: mobile/cellular phone +1 514 586 7584.
 Email: ejbeckphase2017@gmail.com
 Date of Birth: 8 August 1955
 Nationality: Dutch
 Place of Birth: Jakarta, Indonesia
 1960-1971: lived in the Netherlands received primary and started secondary education.
 1971-1983: emigrated to Australia, completed secondary & tertiary education, and two years clinical experience.
 1983-1999: arrived in the United Kingdom for post-graduate clinical and public health training.
 1999-2004: moved to Canada to take up post at McGill University + Montreal Department of Public Health
 2004-2006: moved to Geneva to work in the HIV Department at WHO
 2006-2013: moved to UNAIDS Secretariat Geneva
 2013-2015: moved to UNAIDS Caribbean Regional Support Team – Trinidad.
 2016-2017: moved to UNAIDS Latin America + Caribbean Regional Support Team –Guyana.
 2017 - : retired from UNAIDS and returned to Canada
 2018 - : technical consultant for the Global Fund Pool of technical consultants

EXPERIENCE:

In 2013, after 9 years working in WHO and UNAIDS Geneva, I moved to the Caribbean UNAIDS RST in Trinidad, where I was Regional Strategic Information Adviser. In 2016 I was relocated to the UNAIDS LAC RST in Guyana where I was the Senior Advisor, Strategic Information and Policy until my compulsory retirement from UNAIDS in 2017. The posts involved directly working with countries on M&E and Strategic Information at technical and policy levels. In addition, I worked directly with regional bodies especially PANCAP, LAC Global Fund, PEPFAR and others. During my time in the Caribbean I finalized the paper-based *The Privacy, Confidentiality and Security Assessment Tool: protecting personal health information* and its *User Manual* (2016), that was field tested in Jamaica in 2014 and led the development of the electronic version of the Assessment Tool. I was an advisor to the Jamaican, Dominican, Guyanese Ministries of Health on developing their HIS, particularly developing and implementing national health identifiers (NHIDs) in parallel with national frameworks to protect the confidentiality and security of personal health information. I was a co-organizer of the *WHO/UNAIDS Facilitating the Development and Implementation of National Health Service Identifiers in Countries: an Implementation of Workshop* (2016) and the lead author on the paper entitled *Developing and Implementing National Health Identifiers in Resource Limited Countries: why, what, who, when and how?* (2018). On the basis of my experience I was recently selected as a consultant in HIV and M&E for the Global Fund Pool of Technical Consultants.

My introduction to qualitative and quantitative research occurred as a medical undergraduate when I led a study looking at the impact of socio-economic and cultural factors on nutritionally impaired Central Australian Aboriginal children living in Alice Springs, Australia. Findings of this study were published in *The Enigma of Aboriginal Health: interaction between biological, social and economic factors in Alice Springs Town- Camps*. (1979 and Revised Edition 1985). Ever since, I have used a mixture of qualitative and quantitative research methods in my work.

After my medical training, my HIV-related work commenced in 1986 at St. Mary's Hospital, London UK, as part of my UK-based public health training. My work included both biomedical, behavioural and health economic areas, and comprised collecting, analysing and using strategic information for monitoring, evaluation, programme design and implementation. One of my research interests focused on assessing the use, cost, outcome and impact of HIV service provision. As a Department of Health Senior Research Fellow at Imperial College I set up a UK-wide multi-centre prospective monitoring system of HIV service provision: the *National Prospective Monitoring System–HIV Health-economics Collaboration* (NPMS-HHC) that continues under my leadership to provide strategic information to participating health facilities and enables regional and national analyses to be performed and published.

I moved to the Department of Epidemiology at McGill University and the Montreal Public Health Department in 2000, where I started the *Réseau informatique de sida du Québec* (RISQ). This HIV information system links private and university-based HIV centres in Quebec, provides strategic information for improving HIV services and policy development. During my academic attachments I was a consultant on developing country-based HIV-related information systems and related research projects, the findings of which were also used for policy development in the US, Canada, Singapore, Brasil, Japan, Mexico, Iran and South Africa.

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In 2004, I co-organized the *WHO Patient ART Monitoring Meeting*, guidance that evolved into the *WHO Patient Monitoring Guidelines for HIV Care and ART*. I was subsequently recruited by WHO and worked in the HIV Strategic Information Unit. During my WHO appointment I was involved with providing advice to countries especially in East & Southern Africa on developing electronic medical systems, I organized the *Sub-national Program Indicators and Concentrated Epidemics Workshop* and co-organized the *Generic Tools Workshop to Track Progress in Scaling-up HIV Treatment and Prevention* and developed country guidance on collecting socio-economic data.

I moved to the M&E Unit of UNAIDS Geneva in 2006, followed by posts in the UNAIDS Evidence, Monitoring, and Policy Department, and finally the Office of the Deputy Executive Director, Programme Branch. During all these appointments I was involved with providing M&E advice across the global regions including East & Southern Africa. In 2006 I started a long collaboration with CDC developing country guidance on *Protecting the Confidentiality and Security of HIV Information* (2006/7). This guidance was broadened to include all personal health information in the paper *Protecting the Confidentiality and Security of Personal Health Information in Low- and Middle-Income Countries in the Era of the SDGs and Big-Data* (2016). Based on this guidance I led the development of *The Privacy, Confidentiality and Security Assessment Tool: protecting personal health information* and its *User Manual* (2016). This involved working with policymakers, health professionals and civil society in Botswana, Zambia and South Africa for the development of the Tool and Manual, and organized the Tool's field test in Jamaica in 2014. I also led the development of an electronic version of the Assessment Tool that is now due for field-testing in Jamaica this year. Given my background and work in health economics, I led the development of the *UNAIDS Manual and Workbook for costing HIV facilities and services* (2011). As part of my work with the NPMS-HHC we developed an excel version of the Manual and Workbook. I co-organized a workshop on the experiences of developing NHIDs in low-and middle income countries (2009) and wrote the subsequent Report (2011). I also was the lead author for the report *Considerations and Guidance for Countries Adopting National Health Identifiers* (2014) that formed the basis for developing the recent paper entitled *Developing and Implementing National Health Identifiers in Resource Limited Countries: why, what, who, when and how?* (2018).

In August 2017, I went through compulsory retirement from UNAIDS and have been involved with completing a number of papers that were at various stages of development at the time I retired. This included a paper on *Attitudes towards PLHIV, Homosexuals, Lesbians and Sex Workers in Three Fast Track Caribbean Countries* and an article entitled *Reducing Drug Costs in Low- and Middle-Income Countries: generic lessons from the global HIV response* both of which have been submitted for publication. A meta-analysis on the *Global burden of cardiovascular disease in people living with the human immunodeficiency virus* and *Global and regional trends of people living with HIV aged 50 and over: estimates and projections for 2000 – 2020* are in the process of being completed. I am a co-principal investigator on an EU Horizon 2020 grant entitled *Evaluating mHealth technology in HIV to improve Empowerment and healthcare utilisation: research and innovation to Generate Evidence for personalised care (EmERGE)* where the NPMS-HHC provides the cost-effectiveness analyses on the effect of introducing of an mHealth App on HIV services in 5 European Union countries: UK, Belgium, Portugal, Spain and Croatia.

Within the UN, I have worked closely with all Cosponsors of the UN Joint Programme HIV/AIDS at global, regional and country levels and have had a longstanding working relationship with staff from a range of agencies including the Global Fund, CDC, USAID, Futures Group, OGAC, community organization like ITPC and foundations like the Bill and Melinda Gates Foundation and CHAI. Strong collaboration with many individuals, professional groups, community organizations, governments, international agencies, donors, academic and other organizations from a variety of different countries has underpinned the successful projects I have been privileged to participate in. Through these collaborative processes I also have gained managerial experience working within a team setting, within larger work groups, and across different professional and community organizations in different cultures and contexts. I continue to be involved with publishing reports and papers, I am a reviewer for a range of academic journals and grant applications and an Academic Editor for PLOS ONE. I recently co-edited the special Antiviral Therapy Supplement *Ensuring Access to Generic Anti-retroviral Drugs in Low- and Middle-income Countries: factors influencing production, regulation and provision to people living with HIV in middle- and low-income countries*.

APPOINTMENTS:

Current:

- Director of the NPMS-HHC CIC 1996 – to present; London House Services Offices, 266 Fulham Road, London, SW10 9EL UK
- Honorary Professor, 2017 – to present; Department of Health Services Research and Policy, Faculty of Public Health & Policy,

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London School of Hygiene & Tropical Medicine, London WC1E 7HT, UK

- Honorary Consultant, 1998- to present; HIV/GUM Division, Chelsea & Westminster Hospital Trust, London, UK.
- Academic Editor, *PLoS ONE*, 2012 – to present.
- Global Fund Pool HIS and M&E Technical Consultant HIS and M&E Pool 2018 – present

Past: Guyana

- Senior Advisor Strategic Information & Policy, UNAIDS Latin America & Caribbean Regional Support Team, Georgetown, Guyana, 2016- 2017.

Trinidad & Tobago

- Regional Strategic Information Adviser, UNAIDS Caribbean Regional Support Team, 3A Chancery Lane, Port of Spain, Trinidad & Tobago; 2013-2015

Switzerland

- Senior Technical Advisor, Deputy Executive Director – Programme Branch, UNAIDS, 20 Avenue Appia, 1211 Geneva 27, Switzerland. 2009-2013.
- Senior Technical Officer, Evidence, Monitoring & Performance Department (EMP), UNAIDS, 20 Avenue Appia, 1211 Geneva 27, Switzerland. 2008-2009
- Senior Technical Officer, Monitoring & Evaluation Department (EVA), UNAIDS, 20 Avenue Appia, 1211 Geneva 27, Switzerland. 2006-2008
- Medical Officer, Strategic Information and Research (SIR) Unit, HIV Department, HIV-Tuberculosis - Malaria Cluster, World Health Organization, 20 avenue Appia, 1211 Geneva 27, Switzerland 2004-2006.
- Editorial Adviser, WHO Bulletin, Geneva, Switzerland; 2004-2009

Canada

- Associate Professor, Joint Departments of Epidemiology, Biostatistics and Occupational Health, McGill University, Purvis Hall, 1020 Pine Avenue West, H3A 1A2, Montreal, Quebec, Canada. 2000 - 2007
- Physician, Montreal General Hospital, Montreal, Québec, Canada. 2000 - 2007
- Specialist in Public Health, Direction de la Sante Publique, Regie Regionale de la Sante et des Services Sociaux de Montreal-Centre, 1301, rue Sherbrooke Est, H2L 1M3. 2000 – 2007.

United Kingdom

- Features Editor, *The Journal of Public Health Medicine*, UK. 1996-2003
- Honorary Consultant in Public Health Medicine, Public Health Laboratory Service, Colindale, UK 1994 – 1999.
- Honorary Consultant in Public Health Medicine, Kensington & Chelsea and Westminster Health Authority, London, UK 1994-1999.
- Senior Research Fellow (Department of Health) /Senior Lecturer in Epidemiology & Public Health, Imperial College School of Medicine, London (UK), 1994-1999.
- Honorary Consultant in Epidemiology, St.Mary's Hospital NHS Trust, London (UK) 1994-1999;
- Alternate Medical Officer for Environmental Health for the City of Westminster, London (UK).
- Honorary Consultant in Public Health Medicine, North Thames Regional Health Authority, London (UK) 1994-1996;
- Trainee in Public Health Medicine, North West Thames Regional Health Authority, London UK. 1986-1993
 - Honorary Clinical Lecturer/Senior Registrar, Academic Department of Public Health, St Mary's Hospital Medical School, University of London, UK, 1988-1993.
 - Honorary Senior Registrar, Department of Public Health, Parkside Health Authority, St Mary's Hospital, London UK, 1988-1993.
 - Honorary Senior Registrar, Public Health Directorate, North West Thames Regional Health Authority, London UK, 1988-1993.
 - Registrar, Department of Community Medicine, Paddington and North Kensington Health Authority, St Mary's Hospital, London UK, 1986-1987.
- European Exchange Scheme in Medicine for Junior Doctors, Guy's Hospital, London UK. 1984-1986
 - Senior House Officer in General Medicine, Guy's Hospital, London UK.
 - Arts-Assistent in General Medicine, Academisch Ziekenhuis Utrecht, (University Hospital Utrecht), The Netherlands.
- Senior House Officer in General Medicine, Hospital of St John and St Elizabeth, London UK, 1984

Australia

- Junior Resident Medical Officer, Alfred Hospital, Melbourne, Australia, 1982-1983.
- Intern, Prince Henry's Hospital, Melbourne, Australia, 1981-1982.

EDUCATION

- Primary*: Katholieke Lagere School Soest-Zuid, Soest, Utrecht, The Netherlands, 1961-1967.
- Secondary* : Constatijn College/ Eemland College, Amersfoort, Utrecht, The Netherlands, 1967-1971.
Mitcham High School, Mitcham, Victoria, Australia, 1972-1973.
- Tertiary*: Undergraduate - Monash University Medical School, Melbourne, Victoria, Australia, 1974-1980.
Bachelor of Medical Science - Department of Social and Preventive Medicine, Monash University,

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Melbourne, Victoria, Australia, 1979.

(d) *Postgraduate*: Master of Science - Department of Community Health, London School of Hygiene and Tropical Medicine, University of London, 1988.

Diploma in the History of Medicine - Society of Apothecaries of London, 1990.

PhD in Public Health Medicine (part-time) - Department of Epidemiology & Public Health, Imperial College School of Science, Technology and Medicine, (St.Mary's Campus), University of London, 1998.

Diploma of Imperial College - Department of Epidemiology & Public Health, Imperial College School of Science, Technology and Medicine, University of London, 1999.

Diploma of London School of Hygiene and Tropical Medicine, University of London, 2001.

MEDICAL REGISTRATION:

Medical Practitioners Board of Victoria, Australia, 1982: Registration Number - MPG 181168.

General Medical Council, UK, 1983: Registration Number 2791447.

HIGHER MEDICAL TRAINING:

J.C.H.M.T. Accreditation in Public Health Medicine, U.K.: May 1992.

GMC Specialist Medical Registration in Public Health Medicine, UK, 1996: Registration Number - 2791447

Bureau of the College des medecins de Quebec, Canada, 1999: Restrictive Permit in Community Health: 99-173.

Australian Registration in Public Health: 1990 (Australian Health Practitioner Regulation Agency: 5005321307

QUALIFICATIONS:

MBBS (Bachelor of Medicine/Bachelor of Surgery - Monash University, Melbourne), 1980

BMedSci Honours 1 (Bachelor of Medical Science - Monash University, Melbourne), 1980

MRCP Part I (Member of the Royal Colleges of Physicians - UK), 1984

MSc (Master of Science - University of London), 1988

MFCM (Member of the Faculty of Community Medicine - UK), 1988

MFPHM (Member of the Faculty of Public Health Medicine - UK), 1989

DHMSA (Diploma of History of Medicine Society of Apothecaries - London), 1990

FAFPHM (Fellow of the Australian Faculty of Public Health Medicine – Australia), 1990

FFPHM (Fellow of the Faculty of Public Health Medicine - UK), 1997 - 2003

FFPH (Fellow of the Faculty of Public Health - UK), 2003 -

PhD (Doctor of Philosophy, Imperial College of Science, Technology and Medicine, University of London), 1998.

DIC (Diploma of Imperial College, University of London), 1999.

DLSHTM (Diploma of London School of Hygiene and Tropical Medicine, University of London), 2001.

FRCP (Fellow of the Royal College of Physicians – UK) 2009 -

PUBLICATIONS:

Articles in Peer Reviewed Journals: 106; Books: 7; Chapters in Books or Reports: 18; Technical Reports: 154;

Published Abstracts: 119; Oral Presentations: 256 (national & international). (Selected publications the end of this CV)

RESEARCH GRANTS: 1989 - 2017, more than 50 grants from UK, CDC, PEPFAR, EU, Japanese, Canadian, Iranian, US, Industry and other sources.

RESEARCH EXPERIENCE: work performed in Australia, Botswana, Brasil, Canada, Dominica, England, Guyana, France, Haiti, Italy, Iran, Jamaica, Japan, Kenya, Mexico, Singapore, South Africa, Zambia.

MEMBERSHIP OF COMMITTEES: range of committees from undergraduate medical student, employment and current work

REVIEWER:

Articles/books AIDS, AIDS Care, Journal of Public Health Medicine, PharmacoEconomics, European Journal of Public Health Medicine, Journal of Health Services Research & Policy, Sexually Transmitted Infections, Social Science in Medicine, Lancet, Viral Therapy, World Health Bulletin, AIDS Research and Therapy, Value in Health, American Journal of Tropical Medicine and Hygiene, British Medical Journal, PLOSONE, PLOSMED.

Grant Reviewer Stichting AIDS Fonds (Dutch AIDS Foundation); Schweizerischer Nationalfonds zur Forderung (Fonds national suisse de la recherche scientifique/Swiss National Science Foundation), Bern, Suisse; Ontario HIV treatment Network, Toronto, Canada; Research Grants Council of Hong Kong, China, Fonds de la Recherche en Santé du Québec (FRSQ), Canada; Medical Research Council, UK; Medical Research Council, South Africa.

Abstract Reviewer for International AIDS Conferences

SELECTED OTHER FUNCTIONS:

- EEC expert on Upgrading in Human Resources, European Exchange Scheme for Junior Doctors, Guy's Hospital

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(1984 - 1986).

- Inception and organization of a national multi-disciplinary conference, *One Year On: the White Paper and Beyond*, Royal College of Physicians, London UK, 31st January 1990.
- University of London, McGill, DSP, WHO, UNAIDS representative on various committees.
- Teacher for undergraduate and postgraduate teaching programmes as part of various appointments since medical undergraduate (Monash University, Melbourne Australia; Imperial College, London, UK; McGill University, Montreal, Canada).

MEMBER: variety of national and international learned societies and professional bodies.

SELECTED PUBLICATIONS

Peer-reviewed journal articles:

- Badri M, Maartens G, Mandalia S, Bekker L-G, Penrod JR, Platt RW, Wood R, **Beck EJ**. Cost-effectiveness of Highly Active Antiretroviral Therapy in South Africa. *Plos Medicine* January 2006; 3: e4
- Tierney WM, **Beck EJ**, Gardner RM, Musick B, Shields M, Shiyonga NM, Spohr MH. Viewpoint: A Pragmatic Approach to Constructing a Minimum Dataset for Care of Patients with HIV in Developing Countries. *J. Am. Med. Inform Assoc.* 2006; 13: 253-260
- **Beck EJ**, Vitoria M, Mandalia S, Crowley S, Gilks C, Souteyrand Y National Adult ART Guidelines in Resource Limited Countries: concordance with 2003 WHO guidelines? *AIDS*, 2006; 20 (11): 1497-1502
- **Beck EJ**, Avila C, DeLay PR. International and Domestic Funding for HIV Research: how much and how is it spent? *Future HIV Therapy* 2009, 3: 307-310.
- **Beck EJ**, Harling G, Gerbase S, De Lay P. The Cost of Treatment and Care for People Living with HIV Infection: Implications of published studies, 1999-2008. *Current Opinion in HIV and AIDS*, 2010; 5:215–224
- **Beck EJ**, Mandalia S, Gaudreault M, Brewer C, Zowall H, Gilmore N, Klein M, Lalonde R, Piché A, Hankins C. The Cost-effectiveness of HAART, Canada 1991-2001. *AIDS*, 2004; 18: 2411-9.
- **Beck EJ**, Avila C, Gerbase S, Harling G, De Lay P, Counting the Cost of not Costing HIV Health Facilities accurately: pay now, or pay more later, *Pharmacoeconomics* 2012; 30 (10): 1-16.
- Rilviere C, Faust E, Miller T, **Beck EJ**, Baruwa E, Severe P, Severe K, Claudia Thomas Riché CT, Cassagnol R, Atwood S, Esperance M, Webster L, Cremieux P, Pape JW, Koenig SP, Superior Outcomes and Lower Outpatient Costs with Scale-up of Antiretroviral Therapy at the GHESKIO Clinic in Port-au-Prince, Haiti. *J. AIDS* 2014 Aug 1;66(4):e72-9.
- **Beck EJ**, Gill W and De Lay PR. Protecting the Confidentiality and Security of Personal Health Information in Low- and Middle-Income Countries in the Era of the SDGs and Big-Data, *Global Health Action*, 2016.
- **Beck EJ**, Shields JM, Tanna G, Henning G, de Vega I, Andrews G, Boucher P, Benting L, Calleja JMG, Cutler J, Ewing W, Kijisanayotin B, Kujinga T, Mahy M, Makofane K, Marsh K, Nacheeva C, Rangana N, Vega MFR, Sabin K, Varetka O, Wanyee SM, Watiti S, Williams B, Zhao J, Nunez C, Ghys P, Low-beer D. Developing and Implementing National Health Identifiers in Resource Limited Countries: why, what, who, when and how? *Global Health Action*, 2018, volume 11 – issue 1

Books and book chapters:

- **Beck EJ**. *The Enigma of Aboriginal Health: interaction between biological, social and economic factors in Alice Springs Town-Camps*. (Revised Edition) Australian Institute of Aboriginal Studies, Canberra Australia, 1985.
- **Beck EJ**, Mays N, Whiteside A and Zugina J (eds). *The HIV Pandemic: local and global implications*. Oxford University Press, UK, 2006
- Puvimanasinghe J, Gill W, **Beck E**. *The Third One in Practice: Monitoring and Evaluation of the Botswana National HIV/AIDS Response* in Marlink R and Teitelman S (eds) *From the Ground Up: A Guide to Building Comprehensive HIV/AIDS Care Programs in Resource-Limited Settings* Elizabeth Glaser Pediatric AIDS Foundation, Washington DC 2009.
- Puvimanasinghe J, Gill W, **Beck E**. *The Third One: Monitoring and Evaluation of HIV/AIDS Programs in Resource-Limited Settings* in Marlink R and Teitelman S (eds) *From the Ground Up: A Guide to Building Comprehensive HIV/AIDS Care Programs in Resource-Limited Settings* Elizabeth Glaser Pediatric AIDS Foundation, Washington DC 2009.

Reports

- UNAIDS/PEPFAR. Guidelines on Protecting the Confidentiality and Security of HIV information: Proceedings from a Workshop, 15-17 May 2006, Geneva, Switzerland. 15 May 2007
- UNAIDS. *Manual for costing HIV facilities and services*. Geneva, Switzerland, 23rd May 2011.
- UNAIDS. *Workbook for the collection of cost information on HIV facilities and services*. Geneva, Switzerland, 23rd May 2011.
- UNAIDS. *Developing and Using Individual Identifiers for the Provision of Health Services including HIV: Proceedings from a Workshop, 24-26 February 2009, Montreux, Switzerland*, Geneva, Switzerland, 24th May, 2011
- UNAIDS/PEPFAR *Considerations and Guidance for Countries Adopting National Health Identifiers*. Geneva Switzerland, 17 April 2014
- UNAIDS/PEPFAR *The Privacy, Confidentiality and Security Assessment Tool: protecting personal health information* Geneva, Switzerland, 2016

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- UNAIDS/PEPFAR *The Privacy, Confidentiality and Security Assessment Tool: user manual*. Geneva, Switzerland, 2016.