

CURRICULUM VITAE

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1. **Family name:** Nielsen
2. **First names:** Lasse Christian
3. **Professional specialisation:** Health economics and finance
4. **Date of birth:** 25th September 1964
5. **Passport holder:** Danish
6. **Education:**

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
University of Copenhagen (Sept. 1985 – Sept. 1990)	BA Economics
University of Copenhagen (Sept. 1990 – Sept. 1995)	MSc. Economics

7. **Language skills:** Competence scale: 1=Basic to 5=Excellent

Language	Reading	Speaking	Writing
Danish		Mother tongue	
Swedish/Norwegian	5	5	5
English	5	5	5
German	4	3	4
Russian	3	3	3

8. **Membership of professional bodies:** International Consulting Economists' Association (ICEA), International Health Economist Association (IHEA).
9. **Present position:** Independent, senior consultant, LCN CONSULT
10. **Years within the firm:** Owner of LCN CONSULT since August 2005
11. **Key qualifications: (Relevant to the project)**

Lasse Chr. Nielsen is a health economist (MSc.) with 30 years professional experience in health economics and financing, public finance management (PFM) and strategic health planning. He is specialized in financing, planning and strengthening of health care systems, and he holds significant experience in design, evaluation and costing of health programs and strategies including needs and capacity gaps assessment.

Since 2001 Mr Nielsen has worked as an independent international consultant in more than 30 countries, primarily in low and middle-income countries, cf. section 11 below.

Mr Nielsen holds the following professional experience and expertise:

- *International health planning and economics (MSc.)* with professional experience in providing technical assistance and advisory services within the field of health and education sector finance, mapping of funding landscape and financial gap analysis, Public Finance Management (PFM) reform assessments and reviews, and costing and budgeting of programmes/services/activities in the health sector.^{[1][2]}
- Highly experienced in *conducting high profiled, strategic oriented consultancies for government administrations* (Tajikistan: Ministry of Health, 2020), (Uganda: Ministry of Finance, 2020) (Jamaica: Ministry of Health, 2018), (Nauru: Australian Ministry of Foreign Affairs, 2017), (Greenland: Ministry of Finance/Ministry of Education & VET, 2009-2016), (International Think Tank on HIV/AIDS: Ministry of Foreign Affairs-Denmark, 2002) and *international development agencies*, e.g. EU Commission, DANIDA, DFAT, DFID, GAVI, GFATM/TERG, GMS, Inter-American Development Bank (IDB), The Royal Netherlands Embassy (Yemen), UNAIDS, UNDP, WHO and The World Bank.

Hands-on work experience from working in central administration of the Government of Greenland with responsibility for the government annual US\$ 92 million health care budget (annual budget preparation and accounts) in the Ministry of Health (MoH), 1999-2001). As head of office in MoH Mr Nielsen was responsible for the current and strategic health planning in MoH including design and implementation of health care reform using evidence based planning methodologies and approaches, e.g. *the Burden of Disease methodology* (using mortality and disability statistics), including long-term perspective planning with projections of the Greenland burden of disease up to 2028, cf. publications in section 13, such as *Burden of Mortality in Greenland –Today and Tomorrow*, International Journal of Circumpolar Health, Issue 63, (Suppl 2 – ICCH12), Oulu 2004. <http://journals.co-action.net/index.php/ijch/article/view/17822>.

- Highly experienced in working with *logical framework based planning* as well as *evaluations of results based and objectively verifiable indicators (OVIs)*, e.g. six consecutive annual evaluations of the EU budget support program related to the Greenland Education Program and the Greenland PFM reform with provision of evidence for budget support eligibility and program progress, e.g. PEFA indicators (PFM) and key education and labor market indicators, (Greenland, 2009-2016).
- Highly experienced in *design, costing and implementation of health care reform and multi-year strategies* including *finance reform* components implying *identification of sustainable country and context tailored finance modalities* related to e.g. national health insurance schemes, public-private partnership arrangements and design of performance based allocation

modalities and capitation based provider payment models, e.g. Tajikistan (2020), Jamaica (2018); Montserrat (2010/11); St Helena (2006/2008) Greenland (1999-2001). For the recent IDB financed project to support the Ministry of Health, Government of Jamaica in developing a costed 10-year health Strategy with a fully costed 3-year implementation plan, cf. <https://www.moh.gov.jm/wp-content/uploads/2019/05/MOHV-Vision-for-Health-2030-Final.pdf> .

- Specialised experience in *analysis of public sector system efficiency and value for money in key public administration areas*. He has conducted several PFM assessments and public expenditure reviews, including assessments of government capacity and performance in public procurement, e.g. Uganda (2019/2020), Nauru (2017), Jamaica (2018), WHO, Greenland, St Helena, Montserrat, Ascension.
- Assessment of *financial sustainability, impact and cost-effectiveness* related to strategic health programmes, e.g. GFATM Impact Study (UNDP 2019), Investment Cases (Madagascar (2014), and Economic Appraisals including cost benefit analysis (DFID/CARHAP: 2010), St Helena (2006/2008).
- *Fiscal space and financial feasibility analysis*, including mapping of donor landscape and assessment of funding options /Funding Landscape analysis (Numerous country proposals to GFATM, Jamaica (2018/19), Tajikistan (2020).
- *Managerial and team leader experience, evaluator and permanent advisor* related to the implementation of several larger multi-year health projects and programs including *mid-term evaluations, capacity building and know-how transfer*, e.g. as permanent advisor (program sustainability) for the DFID funded Central Asian program on harm reduction (HIV/AIDS) in Tajikistan, Uzbekistan and Kyrgyzstan (DFID/CARHAP 2005-2012), Greenland TVET program monitoring (2009-2016), Nigeria MTEF reform (2008).
- Hands-on experience in *coordination and consulting on budgetary issues between Ministry of Finance and Ministry of Health*, and *capacity assessment of government administration and capacity building of key government staff in public finance management and MTEF based budgetary planning* e.g. Ministry of Finance, Government of Greenland central administration (MoF: 1997-1999, MoF: 2009-2016) and MoH, Federal Government of Nigeria (2008) and Kwara State government, Nigeria (2008), Nauru MoH (2017) and Jamaica, MoH (2018). Recently Mr. Nielsen participated in design and costing of a 5-year capacity building plan for the staff of the Ministry of Finance, Government of Uganda. (EU-2019/2020). This latter exercise also included capacity building of key staff in costing methodology (activity based costing).
- Mr Nielsen is highly specialised in *health and socio-economic impact analyses* including Burden of Disease (BoD), Disability Adjusted Life years (DALYs) and Years of Life Lost (YLL) analyses and *social determinants of health assessments* including social vulnerability and equity assessments based on statistical sources (including gender, ethnicity and geographical dimensions); E.g. Global (UNDP 2019), South Africa (EU 2019), Jamaica (IBD 2018) Montserrat (MoH 2010/11); St Helena (DFID 2006/2008); Nepal Social Assessment (WB 2002/3), cf. publications (see section 13 below):
- Recently, Mr Nielsen has conducted a socio-economic impact analysis on implications of a delay COVID-19 vaccination program in Zambia including benefit-cost analysis and Burden of Disease assessment of the vaccination scenarios of 20%, 40% and 60% population coverage.
- Language and writing capabilities: Mr Nielsen speaks and writes Danish (native), English (full professional proficiency), Russian (basic) and German (fair), cf. indicated competences in language skills above and selected publications below.

12. Country experience

Country	Date from - Date to	Country	Date from - Date to
Kyrgyzstan	2 August - 29 August 1992	Greenland	18 January – 1 February 2010
Denmark	1 March 1990 – 1 August 1995	Greenland	2 March – 14 March 2010
Russia	5 May - 10 May 1994	Tajikistan	10 May – 14 May 2010
Greenland	1 September 1996 – 1 August 2001	Greenland	15 - 22 October 2010
Kazakhstan	16 July - 25 July 2002	Jordan	24 - 29 July 2011
Georgia	13 August – 18 August 2002	Jordan	25 – 30 September 2011
Armenia	18 August – 23 August 2002	Montserrat (UKOT)	12 – 23 November 2011
Nepal	3 January 2003 – 10 January 2003	Jordan	7 – 14 December 2011
Nepal	3 February 2003 – 10 February 2003	Greenland	2 – 9 January 2012
Russia	26 July – 3 August 2003	Greenland	2 – 13 March 2012
Romania	10 November - 12 November 2003	Kyrgyzstan	19 May – 26 May 2012
Albania	29 February - 10 March 2004	Tajikistan	26 May – 31 May 2012
Russia	14 March - 25 March 2004	Kyrgyzstan	30 September - 11 October 2012
Ghana	28 September – 8 October 2004	Greenland	30 November – 7 December 2012
Mongolia	10 October - 17 October 2004	Greenland	18 February - 28 February 2013
Uzbekistan	17 October - 23 October 2004	Greenland	11 April - 23 April 2013
Kyrgyzstan	28 October – 7 November 2004	Greenland	4 June – 11 June 2013
Tajikistan	20 November - 5 December 2004	Sudan	16 November - 22 November 2013
Uzbekistan	18 January - 30 January 2005	Greenland	23 March – 2nd April 2014
Kyrgyzstan	31 January – 8 February 2005	Bulgaria	6 May – 13 May 2014
Yemen	5 March – 25 March 2005	Madagascar	1-10 August 2014
Nigeria	13 November -19 November 2005	Bulgaria	11 – 15 August 2014
Namibia	26 November – 4 December 2005	Albania	7 -12 September 2014

Bulgaria	27 March - 5 May 2006	Madagascar	4 – 10 October 2014
China (PRC): Yunnan and Sichuan provinces (Guangdu, Simao, Xichang and Ziyang)	10 June – 29 June 2006	Kosovo	15 - 20 February 2015
Tajikistan	17 October -24 October 2006	Greenland	17 – 27 April 2015
Uzbekistan	5 February - 19 February 2007	Greenland	17 June – 26 June 2014
Kyrgyzstan	19 March - 29 March 2007	Greenland	21 - 31 August 2015
Kyrgyzstan	1 June – 10 June 2007	Greenland	10- 19 March 2016
Macedonia	8 December – 15 December 2007	Switzerland	2- 4 May 2016
Kyrgyzstan	5 February – 15 February 2008	Jamaica	17 – 26 March 2017
Nigeria	15 - 22 April 2008	Nauru	19 - 27 November 2017
Nigeria	11 – 15 May 2008	Jamaica	29 July – 4 August 2018
Nigeria	13 September – 30 September 2008	Uganda	1 - 21 September 2019
Nigeria	17 October – 1 November 2008	South Africa	14 October - 2 November 2019
Pakistan	19 February – 27 February 2009	Uganda	2 - 23 November 2019
Kyrgyzstan	22 March – 27 March 2009	South Africa	2 - 5 December 2019
Bhutan	17 July -30 July 2009	Uganda	6 - 20 December 2019
Malawi	11 October – 24 October 2009	Tajikistan	17 February – 6 March 2020
Greenland	27 October – 3 November 2009	Greenland	22 September – 6 October 2021

13. Professional experience (Selected)

Date from - Date to	Location	Client/Company	Position	Description
August - November 2021	Zambia, Lusaka	UNDP Resident Representative/Procurement Department, Zambia	Health economics and finance	<p>Socio-economic impact analysis on implications of a delay COVID-19 vaccination in Zambia including cost-benefit analysis and Burden of Disease assessment of various vaccination scenarios.</p> <ul style="list-style-type: none"> Scenario analysis of 20%, 40% and 60% vaccine coverage levels, including benefit-cost calculation and equivalence analysis of offsetting restriction types related to the virus reproduction rate (R) of gradual implementation of the Zambia vaccination program Social impact and Burden of Disease analysis Financial space analysis for Govt. funding of the COVID-19 vaccine program
April – December 2021	Greenland, Nuuk	European Commission/ International Consulting Expertise (ICE),	Budget support specialist	<p>Technical Assistance for the identification and formulation of the EU cooperation with Greenland in the education sector for the period 2021-2027. Technical support in drafting the required deliverables for the identification and formulation on the basis of the EU templates and budget support guidelines.</p>
October 2020 – January 2021	Georgia, Tbilisi	EC Commission/Sofreco	Health economics, finance and PFM expert	<p>Design and costing of a 3-year Implementation Plan related to the National Health Program for the Ministry of Health, Government of Georgia, including:</p> <ul style="list-style-type: none"> Working with MoH Technical Working Groups on specification of activities Design of 3-year costing and implementation framework, quarterly implementation timeline Mapping of funding landscape and financial gap analysis.
January - June 2020	Tajikistan, Dushanbe	EC Commission/IBF	Health economics and finance	<p>Design and costing of the 3-year Action Plan related to the National Health Program for the Government of Tajikistan (2021-2030), including:</p> <ul style="list-style-type: none"> Working with MoH Technical Working Groups on specification of activities. Design of 3-year costing and implementation framework. Mapping of funding landscape. Financial gap analysis.
August 2019 – January 2020	South Africa, Pretoria and Cape Town	EC Commission/ ANCE	Evaluator, Health Economics	<p>Final evaluation of the EU financed Primary Health Care Sector Policy Support Programme (PrimCare SPSP) and activities focusing on evidence of why, whether or how these results are linked to the EU intervention and seek to identify the factors driving or hindering progress. The evaluation should provide an understanding of the cause and effect links between: inputs and activities, and outputs, outcomes and impacts. Evaluations should serve accountability, decision-making, learning and management purposes. Specific responsibility for conducting cost-effectiveness analysis of various selected components.</p>
August 2019 – February 2020	Uganda, Kampala	EC Commission/ STEM-VCR	PFM management accounting expert	<p>Evaluation of the cost-effectiveness of capacity building under FINMAP III and to develop a comprehensive and cost-effective capacity building strategy and work-plans for the PFM Reform strategy, including:</p> <ul style="list-style-type: none"> Assessment of the cost-effectiveness of the capacity building efforts related to the FINMAP III in order to guide for developing a cost-effective capacity building strategy with related work plan (2018 -2023). Costing of the 5-year Capacity Plan for the staff of the Ministry of Finance, Govt. of Uganda. Input to capacity building of MoF key staff in the applied costing methodology (activity based costing).
June – July 2019	Geneva, Copenhagen	UNDP, The Global Fund Health Implementation Team (GFHIST) HIV, Health and Development	Analyst, social and economic impact of health interventions	<p>Impact study to support UNDP in establishing the scope of and identifying and selecting the most suitable methodology for commissioning case studies on the impact of the health interventions supported under the Global Fund grants it manages. Activities included:</p> <ul style="list-style-type: none"> Review and summarize existing literature and assessments on impact beyond health, and

		Group.		<p>related impact measurement of health (HIV, TB and malaria) interventions.</p> <ul style="list-style-type: none"> Determine possible options in terms of methodologies to assess the social and economic impacts of HIV/TB/malaria interventions included in UNDP-managed Global Fund grants. <p>Assess the feasibility, scale, requirements (e.g. in terms of time, cost, oversight, type and quality of data available etc.), and trade-offs of each option.</p>
February 2017 – November 2018	Jamaica, Kingston	The Inter-American Development Bank (IDB)/IOS Partners.	Public finance, infrastructure, procurement and costing expert	<p>Policy based loan project (IDB) related to the Jamaican Health Care Reform: Strengthening Health Systems in Jamaica for the Ministry of Health, Government of Jamaica:</p> <ul style="list-style-type: none"> Development of a costed 10-year Strategic Plan for strengthening the health system, including a detailed, costed 3-year Implementation Plan/Operation Manual including a detailed planning framework with sequential and time bound activity execution, specified administrative and legal provisions and costing financial implications of activity components. Input to the M&E metrics. Conduction of response capacity analyses for the primary health and specialised health care sectors based on a needs assessment framework. Design of the financial framework (health finance reform) for the 10-year plan including finance modalities related to lean and efficiency gains activities, centralisation of procurement, public-private partnership arrangements, design of capitation based provider payment model and modelling the introduction of a national health insurance scheme. Design and costing of essential health package of prevention and treatment of chronic diseases with 20-year demography based projection of cost scenarios, costing of the structural reform implications, and costing/budgeting of the 3-year Implementation Plan. Design of plan for restructuring (centralisation) of the procurement function of the health care sector. Development of Situational Analysis, including macro-economic and fiscal space analysis, review of health expenditure with trend analysis, assessment of procurement function based on the 2016 PEFA framework, finance and structural investment needs, response capacity and coverage gap analyses for primary, secondary and tertiary levels of health care.
November 2017 – January 2018	Republic of Nauru	Govt. of Australia (DFAT)/Abt Associates	Team member, public finance and PFM expert	<p>Evaluation study of the DFAT budget support to the Govt. of Nauru (GoN) on health. The following tasks were conducted:</p> <ul style="list-style-type: none"> Review of current DFAT budget support modality to GoN (2015-2017) incl. assessment on various govt. PFM topics, such as, govt. procurement function and budget reliability based on the 2016 PEFA framework. Context Analysis including macro-economic analysis, public finance analysis, GoN budget on health analysis, trends and medium-term analysis. Assessment of selected PFM topics, e.g. GoN budget reliability, effectiveness and value for money in GoN procurement function, assessment of GoN financial management capacities in MoH and MoF for managing the DFAT budget support. Assessment of management processes and systems (including use of IT and software) in MoH administration capacity. Assessment of MoH and MoF capacities related to public finance management. Design of new DFAT budget support modality to GoN (2018-2020)
September 2017- October 2017	Denmark	EC Commission/International Consulting Expertise (ICE)	Health program design expert/proposal evaluation assessor	<p>Evaluation of concept notes and proposals for grant based primary health care projects in urban areas in Bangladesh related to a call for proposals (grant EUR 3.15 million) from the European Commission Delegation (ECD), Bangladesh, on specific program design topics related to NGO financial management capacity, quality of program costing, cost-effectiveness in program design and sustainability of primary health care services. Tasks conducted: Review and score of 16 Concept notes from applicant NGOs. Review and score of 9 selected applicant full proposals and related budgets. Report development with evaluation summary. The evaluations were conducted with application of the PROSPECT modality.</p>
12/2015 – 12/2016	Tajikistan Denmark	WHO/Regional Office for Europe,	Health economics and	<p>Analytical assessment (study) of finance of TB control services in the Republic of Tajikistan including identification of a future, applicable finance model for TB services.</p>

			finance expert	
04/2016 – 09/2016	Geneva, Copenhagen	The Global Fund to Fight HIV/AIDS, TB and Malaria (TERG/GFATM)/ Euro health Group	Finance and health economics	<p>Thematic review of national strategic plans (NSPs) against the minimum requirements for their use in the Global Fund's funding application process:</p> <ul style="list-style-type: none"> • Review of 22 NSP according to applicability of budget and finance requirements; Interviews with country stakeholders and TRP members • Specification of NSP review indicators related to budget and finance. NSPs from 22 countries were evaluated by Mr Nielsen according to 40 evaluation criteria indicators, with specific assessment on NSP quality of costing, budgeting, finance and government management capacity. • Interviews with GFATM key players, Technical Review Panel members and selected national stakeholders. • Drafting of final report with synthesis conclusions on costing, budget, government program management capacity arrangements and financial sustainability. Recommendations for future use of NSPs as basis for countries' grant applications to the GFATM.
04/2015 – 04/2016	Greenland Denmark Belgium	EC Commission/ACE	PFM expert and education sector economist	<p>Technical assistance to the Government of Greenland (GoG) for preparation of the EC budget support to the Greenland Education Programme:</p> <ul style="list-style-type: none"> • Drafting of Public Finance Management (PFM) reform progress assessment 2015, including: <i>The PFM Reform Action Plan on critical PEFA indicators (PI's)</i>: Transparency of Inter-Governmental Fiscal Relations (PI-08); Oversight of aggregate fiscal risk from other public sector entities (PI-09); <i>Revenue management: Tax audits (PI-14) and Tax collection and arrears (PI-15)</i>; <i>Procurement</i> (PI-19); Effectiveness of internal controls for non-salary expenditure (PI-20); Quality and timeliness of in-year budget reports (PI-24). Drafting Budget Transparency and Oversight of the Budget document 2015. • Development of draft of Education Medium Term Expenditure Framework (MTEF 2015-2018), including specific section on the Greenland Education Programme with education sector MTEF 4-year budget projections, review of GoG education expenditure and cost analysis based on estimated unit cost per student for TVET institutions. • Participation in Policy Dialogue meetings between the GoG and the EC on progress of the Greenland Education Programme.
02/2015 – 03/2015	Kosovo	WHO Regional Office for Europe	Finance expert	<p>Consultancy (TA) on Financial Gap Analysis related to the Kosovo concept note development (TB) to Global Fund to Fight HIV/AIDS, TB and Malaria:</p> <ul style="list-style-type: none"> • Introduction to key officials in Government of Kosovo to GFATM proposal guidelines, including the performance based funding principle. • Health expenditure analysis on annual government accounts in order to identify government allocations to TB activities.
01/2015	Denmark	DFAT/Mott MacDonald-HLSP	Finance and budget expert	<p>Analysis of the WHO draft program budget 2016-17 as compared with previous budgets and accounts in order to identify indications of priority change for the WHO pacific region (WPRO and SEARO). Recommendations on optional negotiations positions for DFAT delegation in the WHO Executive Board. The Government of Australia, Department of Foreign Affairs and Trade (DFAT).</p>
09/2014-01/2015	Albania	WHO Regional Office for Europe	Finance expert	<p>Consultancy on Financial Gap Analysis related to the Albania concept note development (joint TB and HIV/AIDS) to Global Fund to Fight HIV/AIDS, TB and Malaria:</p> <ul style="list-style-type: none"> • Introduction to key officials in Ministry of Health, Government of Albania, on GFATM proposal guidelines including the performance based funding principle. • Analysis of annual government health expenditure accounts in order to identify and analyse government allocations to TB and HIV/AIDS activities.
07/2014-03/2015	Madagascar	UNAIDS	Costing and finance expert	<p>Development of an Investment Case analysis on the Madagascar HIV/AIDS program for the Government of Madagascar:</p> <ul style="list-style-type: none"> • Economic efficiency analysis on current program set-up and recommendation for program

				<p>optimization and increased value for money. Establishment of sustainable future finance options.</p> <ul style="list-style-type: none"> • Costing of key program activities (unit cost) in the Government HIV/AIDS program. • Analysis of health expenditures (annual government Treasury accounts) in order to identify and analyse government allocations to HIV/AIDS activities.
03/2014-08/2014	Denmark	UNAIDS/TSFSEAP	Finance expert	<p>Consultancy on Financial Gap Analysis related to the Nepal concept note development to Global Fund to Fight HIV/AIDS, TB and Malaria.</p> <p>Analysis of government health expenditure in order to identify and analyse government allocations to HIV/AIDS activities.</p>
08/2014 – 10/2014	Bulgaria	WHO-Regional Office for Europe	Finance expert	<p>Consultancy on Financial Gap Analysis related to the Bulgaria concept note development (TB) to Global Fund to Fight HIV/AIDS, TB and Malaria:</p> <ul style="list-style-type: none"> • Introduction of GFATM guidelines to key officials in Ministry of Health, Government of Bulgaria, including the performance based funding principle. • Analysis of government health expenditure accounts in order to identify and analyse government allocations to TB activities.
03/2014-08/2014	Denmark	UNAIDS/TSFSEAP	Finance expert	<p>Consultancy on Financial Gap Analysis related to the Nepal concept note development (HIV/AIDS) to Global Fund to Fight HIV/AIDS, TB and Malaria. Analysis of health expenditure (government annual accounts) in order to identify and analyse government allocations to HIV/AIDS activities.</p>
04/2014 – to date	Bulgaria	Global Fund to fight HIV/AIDS, TB and Malaria/Health Focus	Finance expert	<p>Mid-term evaluation of the National Program for Prevention and Control HIV/AIDS and STIS in the Republic of Bulgaria 2013-2015:</p> <ul style="list-style-type: none"> • Study and analysis of government budgets and health accounts for government allocations to HIV/AIDS activities according to priority setting and effectiveness in budget execution. • Recommendations on ways to strengthen the government budget process for HIV/AIDS activities and for making use of cost-effectiveness in selection of pharmaceuticals.
11/2013 – 10/2014	Greenland Denmark Belgium	EC Commission/ACE	Finance management expert and education sector economist	<p>Technical assistance to the Government of Greenland (GoG) for preparation of the EC budget support to the Greenland Education Programme:</p> <ul style="list-style-type: none"> • Drafting of Public Finance Management (PFM) reform Update report 2014. • Development of draft of Education Medium Term Expenditure Framework (MTEF 2014-2017), including specific section on the Greenland Education Programme with education sector MTEF 4-year budget projections, review of GoG education expenditure and cost analysis based on estimated unit cost per student for TVET institutions. • Participation in Policy Dialogue meetings between GoG and EC in Nuuk and Brussels on progress on the Greenland Education Programme. • Visits to selected TVET schools and dormitories in Nuuk.
11/2013 – 01/2014	Republic of the Sudan	UNAIDS/ Joost Hoppenbrouwer	Costing and finance expert	<p>Development and costing of the National Strategic Plan to Fight HIV/AIDS in The Republic of the Sudan, 2014 – 2016:</p> <ul style="list-style-type: none"> • Facilitator of local workshop on costing HIV/AIDS activities and lead consultant of team of local health economists conducting the costing process related to the National Strategic Plan. • Analysis of government budgets and health expenditure accounts in order to identify and calculate government allocations to HIV/AIDS activities.
11/2012 – 10/2013	Greenland Denmark Belgium	EC Commission/Sequa: Annette von Blanckenburg	Team Leader, Finance management expert and education sector	<p>Technical assistance to the Government of Greenland (GoG) for preparation of the EC budget support to the Greenland Education Programme:</p> <ul style="list-style-type: none"> • Drafting of Public Finance Management (PFM) reform progress assessment 2013; • Development of draft of Education Medium Term Expenditure Framework (MTEF 2013-

			economist	<p>2016), including specific section on the Greenland Education Programme with education sector MTEF 4-year budget projections, review of GoG education expenditure and cost analysis based on estimated unit cost per student for TVET institutions.</p> <ul style="list-style-type: none"> • Input to drafting of Annual Work Plan 2013; Annual Implementation Report (AIR 2012). • Development of economic templates for the MTEF report. Participation in two Policy Dialogue meetings between the GoG and the EC delegation.
11/2011 – 10/2012	Greenland Denmark Belgium	EC Commission/Femconsult	Team Leader, Finance and macro economist	<p>Technical assistance to the Government of Greenland (GoG) for preparation of the EC budget support to the Greenland Education Programme:</p> <ul style="list-style-type: none"> • Drafting of Public Finance Management (PFM) progress assessment 2012, with in-depth reporting on PFM reform critical PEFA indicators <i>Tax audits (PI-14)</i> and <i>Tax collection and arrears (PI-15)</i>; <i>Procurement (PI-19)</i>, including summary scoring on 28 PEFA indicators on entire PFM system. • Development of draft of Education Medium Term Expenditure Framework (MTEF 2012-2015), including specific section on the Greenland Education Programme with education sector MTEF 4-year budget projections, review of GoG education expenditure and cost analysis based on estimated unit cost per student for TVET institutions. • Input to development of drafts of Action Fiche; Technical and Administrative Provisions as preparation for EC budget support for the partnership program on the Greenland Education Programme. • Drafting of Public Finance Management (PFM) progress assessment 2012; Input to drafting of Annual Work Plan 2012 and Annual Implementation Report (AIR 2011) related to the planning and M&E framework of the Greenland Education Programme. • Development of economic templates for the MTEF report as basis for the GoG's capacity for PFM. Participation in two Policy Dialogue meetings between the GoG and the EC delegation on progress of the Greenland Education Programme.
11/ 2011 – 04/2012	Montserrat (UKOT), Eastern Caribbean	Ministry of Health, Montserrat	Finance and costing expert	<p>Health Finance Review, including the following studies/analysis: situational analysis, health expenditure analysis (government treasury accounts); costing of key health care services as basis for service fee calculation, recommendations for future health finance models, including health insurance projections and scenario description of future health care expenditures</p>
07/2011-12/2011	Jordan	UNAIDS/WHO, WHO Regional Office, Cairo	Consultant, Costing and finance expert	<p>Costing of the Jordan National Strategic Plan (HIV/AIDS) and related financial gap analysis:</p> <ul style="list-style-type: none"> • Analysis of government health accounts in order to identify government allocations to HIV/AIDS activities. • Costing in accordance with WHO recommendations and guidelines for procurement of pharmaceuticals.
09/2010 – 06/2011	Greenland Denmark Belgium	EC Commission/Edburgh	Team Leader, Finance management expert and education sector economist	<p>Technical assistance to the Government of Greenland (GoG) for preparation of the EC budget support to the Greenland Education Programme:</p> <ul style="list-style-type: none"> • Drafting of Public Finance Management (PFM) reform progress assessment 2011, with in-depth reporting on PFM reform critical PEFA indicators <i>Tax audits (PI-14)</i> and <i>Tax collection and arrears (PI-15)</i>; <i>Procurement (PI-19)</i>, including summary scoring on 28 PEFA indicators on entire PFM system. • Development of draft of Education Medium Term Expenditure Framework (MTEF 2011-2014), • including specific section on the Greenland Education Programme with education sector MTEF 4-year budget projections, review of GoG education expenditure and cost analysis based on estimated unit cost per student for TVET institutions. • Development of drafts of Identification Fiche; Action Fiche; Technical and Administrative Provisions as preparation for EC budget support for the partnership program on the

				<p>Greenland Education Programme.</p> <ul style="list-style-type: none"> • Input to drafting of: Annual Work Plan 2011; Annual Implementation Report (AIR 2010). • Supervisor of Brain Drain study on the part of the Greenland population with higher education including comparative analysis and international case review. • Participation in two Policy Dialogue meetings between the GoG and the EC delegation on progress of the Greenland Education Programme.
03/2010 – 08/2010	Denmark	DFID/NICO	Finance expert	<p>Update of the 2006 report on Cost-effectiveness in health care provision to the population of St Helena.</p> <p>Analysis of government health accounts, including expenditure for pharmaceuticals and overseas referrals in order to make recommendations for more cost-effective arrangements on-island.</p>
02/2009 – 06/2009	Islamabad, Pakistan	WHO/UNAIDS	Team leader	<p>Support to development of budget and financial gap analysis for the resubmission of the Pakistan HIV/AIDS proposal for the Global Fund (GFATM) Round 9. Introduction to key officials in Ministry of Health, Government of Pakistan, on GFATM proposal guidelines including the performance based funding principle. Analysis - including cost-effectiveness - of government health accounts in order to identify government allocations to HIV/AIDS activities. Design of program budget.</p>
10/2004 - 10/2012	Uzbekistan, Tajikistan and Kyrgyzstan	DFID/GRM	Permanent finance and program sustainability advisor (TSU member)	<p><i>Design phase team member</i> (finance expert) and <i>permanent advisor</i> (Technical Support Unit member) of 7-year program in Central Asia (Kyrgyzstan, Uzbekistan and Tajikistan) on HIV/AIDS harm reduction interventions (CARHAP). Responsible for sustainability (NGO finance modality development), and fiduciary arrangements (co-financing with partners) related to the program, government partnership building. Participated in the following activities:</p> <ul style="list-style-type: none"> • Design of co-finance arrangements and business plans with government and donor partners (Design Phase: 2004-2005). • Costing and analysis of key program intervention types, report developments (2008-2011). • Annual TSU meetings (2006-2012). • Capacity building of government staff in MoH and MoF, e.g. National Strategic Plan costing and budgeting and GFATM proposal costing, budget and finance. • Input to various country applications to GFATM and national strategy developments (2006-2009). • Development on Economic Appraisal related to a 2-year program extension (2010). • Development of NGO Sustainability Plans with operations manuals for the three program countries (2011). • Co-development of program Exit Strategy for DFID and a CARHAP Legacy Report on Lessons Learned for the governments and NGOs (2012).
10/2009 – 09/2010	Greenland Denmark Belgium	EC Commission/Edburgh	Team Leader, finance management expert and education sector economist	<p>Technical assistance to the Government of Greenland (GoG) for preparation of the EC budget support to the Greenland Education Programme:</p> <ul style="list-style-type: none"> • Drafting of the Public Finance Management (PFM) reform progress assessment 2010 with in-depth reporting on PFM reform critical PEFA indicators <i>Tax audits (PI-14)</i> and <i>Tax collection and arrears (PI-15)</i>; <i>Procurement (PI-19)</i>, including summary scoring on 28 PEFA indicators on entire PFM system. • Development of draft of Education Medium Term Expenditure Framework (MTEF 2010-2013), including specific section on the Greenland Education Programme with education sector MTEF 4-year budget projections, review of GoG education expenditure and cost analysis based on estimated unit cost per student for TVET institutions. • TA input to development of Action Fiche and Technical and Administrative Provisions (TAPs) as preparation for EC budget support for the partnership program for the Greenland Education Programme. • TA input to draft on the Annual Work Plan (AWP) 2010, TA input to the draft of the Annual Implementation Report (AIR 2009).

				<ul style="list-style-type: none"> Participation in two Policy Dialogue meetings between the GoG and the EC delegation on progress related to the Greenland Education Program.
07/2009	Thimphu, Bhutan	UNAIDS/TSFEAP	Team member, costing and finance expert	Development and costing of Operational Plan related to the Bhutan National Strategic Plan on HIV/AIDS and calculation of related Financial Gap Analysis. Co-facilitator on workshops presenting and discussing financial gap analysis and costed NSP with Bhutan Government representatives. Analysis of government health expenditure accounts in order to identify government allocations to HIV/AIDS activities.
10/2009	Malawi	DFID/Mott MacD.	Finance expert	External annual review of the DFID participation in the Malawi HIV/AIDS SWAP. Analysis of government health expenditure accounts in order to identify government allocations to HIV/AIDS activities.
07/2008 - 11/2008	Nigeria	DFID/Cambridge Education:	Team Leader, Budget and education sector planning expert	Support to the Ministry of Education, Kwara State Government, Nigeria, on development of the 2009 Budget including training sessions on issues related to MTSS and MTEF, prioritisation and S.M.A.R.T. target specification, including: <ul style="list-style-type: none"> Analyses on annual state government accounts as basis for the 2009 Budget preparation with 3-year budget projection (MTEF 2009-2012). Training of key officials in the Planning Department of the MoE on planning methods related to priority setting and activity & performance based budget allocation methods to be implemented in the state education sector.
04/2008 – 06/2008	Nigeria	DFID/LATH:	Team Leader, Budget and health sector planning expert	Strengthening the process of budget preparation, revenue planning and expenditure accounting in Ministry of Health, Nigeria, in accordance with introduction of planning methods based on MTEF and MTSS. <ul style="list-style-type: none"> Training of key planners in MTSS and MTEF. Facilitator of National priority session with 200 participants.
04/2007 – 06/2007	Desk work, Copenhagen	DFID/MottMacD	Team member, Finance expert	Strategic review (study) of health and social services on St Helena (UKOT) with recommendations for development of future health and social services including identification of recommendable support areas to be financed by DFID. Analysis of government expenditure accounts on health and social affairs in order to recommend areas for potential cost saving and cost-effective solutions relative to current arrangements.
10/2006	Desk work, Denmark	DFID/MottMacD.	Consultant	Review (study) of the health care system on Ascension Island (UKOT). Medical cost analysis (health expenditure account analysis), comparative benchmark evaluation for the health care sector, recommendations for cost-effective solutions (DFID).
11/2006	Desk work, Denmark	DFID/MottMacD.	Consultant	Analysis of several different options to identify the most cost-effective way of providing specialist medical services to the population of St Helena (UKOT). Analysis on referral cost pattern. Recommendations for future solution options according to cost-effectiveness, practicality and political acceptability. Analysis of health expenditure accounts, including expenditures on pharmaceuticals and overseas referrals in order to make recommendations for more cost-effective arrangements on-island.
03/2006-05/2006	Bulgaria	EC Commission/Edburgh Consultants	Team leader, socio-economic analysis	Selection of 4 regions to receive mobile health care units for disadvantaged population minorities (Roma) under the PHARE 2004 program in Bulgaria. Criteria definition and needs assessment to support selection of beneficiary regions.
06/2006	China	DFID/ MottMacD.	Team member, Costing expert	External review of HAPAC HIV/AIDS prevention intervention targeting vulnerable populations (IDU, FSW, MSM, PLWHA). Main responsibilities: Costing of core HIV/AIDS intervention packages (financial and economic costing).
09/2006 – 12/2006	Denmark, Nigeria and Namibia	Global Fund to Fight HIV/AIDS, TB and Malaria (GFATM)/Euro Health Group	Independent consultant	Tender writer for the winning project: Evaluation of the GFATM proposal making process. Electronic data review. Country consultations to Nigeria and Namibia. Data analysis and recommendations.
09/2004 – 07/2005	Denmark	Euro Health Group Consultants (www.ehg.dk)	Senior consultant	Responsible for health economics, health financing and developing of the company portfolio of CIS countries.

				<ul style="list-style-type: none"> • Development of tenders for project applications. • Design of a 4-year program in Central Asia (Kyrgyzstan, Uzbekistan and Tajikistan) on HIV/AIDS harm reduction interventions. Responsible for costing of and fiduciary arrangements (co-financing) related to the program, including mapping of donor funding. DFID 2004-2005. • Team leader; Country Consultation Process (CCP) on introduction on Hib vaccine in 9 countries for GAVI. Country team leader on the CCP missions in Ghana, Uzbekistan and Mongolia. GAVI 2004. • Formulation mission to Yemen on the design of a multi-year program in 4 governorates on health care provision to poor and disadvantages population groups.. The Royal Netherlands Embassy 2005. • Design of course and workshop modules in costing and sustainable finance of health programs with focus on HIV. EHG 2005
10/2001 – 07/2004	Denmark	EASE International ApS, (www.easeint.com)	Senior Consultant	<p>Facilitator for building the company portfolio for CIS and Eastern Europe.</p> <ul style="list-style-type: none"> • Co-facilitator of the International Think Tank on HIV/AIDS in support of policy making for Ministry of Foreign Affairs, Denmark. Facilitation of the website www.thinkaids.org, and acting moderator of Internet based on-line conferences on HIV/AIDS topics: Priority issues related to (prevention /treatment); Finance issues Global Fund to fight AIDS, TB and Malaria (GFATM); HIV/AIDS related issues of treatment (HAART); AIDS vaccination (The African AIDS Vaccine Programme (AAVP)), 2001 – 2002. • Consultant on 9 country GFATM proposals, in CIS and CEE countries including Albania, Armenia, Georgia, Kazakhstan, Uzbekistan, Russia and Byelorussia. HIV/AIDS and TB components. Advisor on budget, fiduciary arrangements and political commitment. Analysis of government health expenditure accounts in order to identify government allocations to HIV/AIDS activities. GFATM application process 2nd, 3rd and 4th Round (2002 -2004). • Social assessment on health care reform in Nepal. Focus on indigenous people, poor population groups and gender issues. World Bank 2002-2003. See (16) Other Relevant Information below for reference. • Review of Situational Analysis on HIV/AIDS in Vietnam including analysis of government health expenditure accounts in order to identify government allocations to HIV/AIDS activities, Danida 2003.
09/1999 – 09/2001	Greenland	Ministry of Health, Greenland Home Rule Government, Nuuk, Greenland. (www.nanoq.gl).	Head of Office, Department of Budgeting and Economic Planning	<p>Head of office with 18 employees, divided into three sections: 1) Budget and economic planning (4 employees); 2) Development of health strategy/health care reform (3 employees); 3) Accounts. (10 employees). Direct managerial responsibility of the annual US\$ 92 million health care budget and accounts covering the MoH administration, the Central Hospital in Nuuk, 16 district hospitals, an office for primary health prevention and one health education institution for education of nurses and health promoters (feldscher).</p> <ul style="list-style-type: none"> • Responsible for current and strategic health planning in the Greenlandic health care sector. • Annual budgeting and accounts provision for the entire Greenland health care sector. Current budget exertion and accounts management via in-year reporting. • Design, development and implementation of strategy for Health Sector Reform in Greenland, including restructuring of the health care sector (decentralization and regionalization). Economic planning of larger investment and construction projects in the Greenlandic health care sector. • Development and implementation of an Internet based HMIS (patient information) system and operations manuals. • Development of a Burden of Disease study on the Greenlandic population to support future planning and priorities for health care reform in collaboration with the WHO. • Development of business plan for a telemedicine project for the Greenlandic health care

				sector.
09/1997 – 08/1999	Greenland	Ministry of Finance, Greenland Home Rule Government, (www.nanoq.gl)	Head of Section, Department of Budgeting and Planning	<p>Responsible for advising and consulting to the Ministry of Health on general planning and economic issues in the health sector, including capex projects.</p> <ul style="list-style-type: none"> Coordinator for preparation of the Financial Act of the Greenland Home Rule Government (GHRG) (“Bilag 1” – The Government of Greenland budget). Co-facilitator on revision of the GoG Budget Law (Budget Reform). Experience gained on: the specific financial, economic and strategic features of the respective sectors of the public financed GHRG, including the health education and social sector. This insight was developed further via his participation as facilitator for the visiting OECD economists developing the OECD report on the Greenland macro economy with recommendations on future strategic options for the GHRG.
09/1996 – 08/1997	Greenland	Statistics Greenland, (www.stat.gl)	Consultant	<p>Responsible for:</p> <ul style="list-style-type: none"> Developing primarily macroeconomic, labour market and business cycle statistics to be used for regular publishing. Estimating the National Accounts of the Greenlandic economy and update of the NA operational manual. Compilation, design and layout of the first ever published comparative statistics for the indigenous populations living in Circumpolar Area on statistical indicators related to macro-, socio-economic, public finance and labour market issues (the Statistical Yearbook of Greenland 1997 – English version, cf. publications below). Facilitator on establishments of a database on comparative statistics on living conditions, health and socio-economic variables for the populations in the Circumpolar Area. Author of annually published analysis on the business cycle in Greenland based on annual enterprise accounts.
03/1990 – 08/1995	Denmark	Danish Institute of Health Services Research and Development (https://www.vive.dk/en/)	Research Assistant, BA (Econ)	<p>Responsible for:</p> <ul style="list-style-type: none"> statistical processing and analysis related to larger research/study projects and investigations in the field of health economics and health planning, e.g. inequalities in health service provision, prioritising and cost-effectiveness in the health care sector of Denmark as well as in developing countries. Participation in projects related to cost-effectiveness and prioritization in Danish health care sector e.g. on neonatal care, antenatal prophylactic care, health care quality assurance. Research investigations in developing countries.

14. Other relevant information (e.g. publications)

Additional relevant Education and Courses:

- Participation in the 5th Grant Management Solutions (GSM) consultants orientation workshop, *Technical Section for PR management*, in Arlington, Virginia (USA), 9-13 November 2009.
- Course in *Public Health and Indigenous People (I)*. Introduction to quantitative and qualitative health measures, survey research, etc. for potential application on indigenous populations. Danish Institute of Public Health. Professor Peter Bjerregaard (Arctic Medicine and Public Health) . Duration: 1 week. Autumn 1996, Nuuk, Greenland.
- Course in *Public Health and Indigenous People (II)*. Introduction to potential dimensions of inequalities in health status, potential barriers for admittance to health services (cultural, geographical etc.) in indigenous populations. Danish Institute of Public Health. Professor Peter Bjerregaard (Arctic Medicine and Public Health). Duration: 1 week. Autumn 1997, Ilulissat, Greenland
- Course in "*Using Burden of Disease and Cost-effectiveness to Define National Control Priorities and Essential Packages of Care*". Professor Christopher Murray, Harvard University, USA and WHO, Geneva. 1 - 12 Dec. 1997, Vermont, USA.
- Course in *public finance and the Danish state budgetary and appropriation process and procedures (Financial Act)*. Danmarks Forvaltningshøjskole, 16 - 18 November 1998. Copenhagen, Denmark.
- Course in *Introduction to the Logical Framework Approach (LFA) as a tool for strategic planning and research in international health*. Danish Network for International Health Research. PhD, Helle Samuelsen, Department for International Health, Institute for Public Health Research. University of Copenhagen. 10 - 11 June, 2004, Magleås, Denmark.

Selected publications, papers and reports:

- Nielsen, LC. *Economic and Social Impact of Delayed COVID-19 Vaccine Roll-Out in Zambia*. UNDP Resident Representative/Procurement department, Zambia. Lusaka Dec. 2021.
- Nielsen, LC. *Global Fund Impact Studies: Measuring impact of UNDP-managed Global Fund programmes beyond health: Concepts and methods*. UNDP Geneva, August 2019.
- Nielsen, LC, et al. Development of 10-Year Strategic Plan for the Ministry of Health “*Vision for Health*”, Government of Jamaica. IDB/IOS, Kingston, December 2018. <https://www.moh.gov.jm/wp-content/uploads/2019/05/MOHV-Vision-for-Health-2030-Final.pdf>
- Nielsen, LC. *Developing and implementing harm reduction programmes for HIV and AIDS prevention in Central Asia: the CARHAP experience*. CARHAP/UKaid, September 2012.
- Nielsen, LC. *Cost Analysis of Kyrgyzstan and Tajikistan HIV/AIDS harm reduction Services*. CARHAP/UKaid, June 2012.
- Nielsen, LC. *Sustainability of Harm Reduction Programmes in Central Asia*. CARHAP/UKaid, May 2010.
- Nielsen, LC. Master’s Thesis on the “*Population Health, Socio-economic and Ecological Aspects of the Development of the Former USSR – before and after 1991*”, (University of Copenhagen, 1995). Including analysis of the Semashko model for health care provision, social assessment of political reform using potential Years of Life Lost analysis, public health dosis-response analysis on air pollution, Collaboration with *Institute of MedSocEconInform*, Russian Ministry of Health, including institute visit 5-10 May 1994 to Moscow for data collection and analysis.
- Nielsen LC. Shrestha, SM. *Social Assessment of the Nepal Health Sector Reform*. The World Bank, Nepal. Kathmandu 2003. Link to full report <http://documents.worldbank.org/curated/en/114321468756967706/Nepal-Health-Sector-Program-Project-social-assessment>
- Nielsen, LC. et al. Regional Report: *Social Assessment of Roma and HIV/AIDS in Central East Europe*. UNDP Romania and Center for Health Policies and Services (CHPS). Bukarest, Romania 2003: <http://www.undp.ro/newsletters/pdf/2004/No28-Roma%20HIV-AIDS%20Report.pdf>
- Nielsen, LC. Master’s Thesis on the “*Ecological, Socio-economic and Population Health Aspects of the Development of the Former USSR – before and after 1991*”, (University of Copenhagen, 1995). Collaboration with *Institute of MedSocEconInform*, Russian Ministry of Health, including institute visit 5-10 May 1994 to Moscow for data collection and processing.
- Nielsen LC. Shrestha, SM. *Social Assessment of the Nepal Health Sector Reform*. The World Bank, Nepal. Kathmandu 2003. Link to full report <http://documents.worldbank.org/curated/en/114321468756967706/Nepal-Health-Sector-Program-Project-social-assessment>
- Nielsen, LC. et al. Regional Report: *Social Assessment of Roma and HIV/AIDS in Central East Europe*. UNDP Romania and Center for Health Policies and Services (CHPS). Bukarest, Romania 2003: <http://www.undp.ro/newsletters/pdf/2004/No28-Roma%20HIV-AIDS%20Report.pdf>
- Nielsen, LC. Hansen, KS. Nielsen, UR. *Burden of mortality in Greenland - today and tomorrow*. Historic and Projected Years of Life Lost (YLL) from 1976 to 2028. International Journal of Circumpolar Health, Issue 63, (Suppl 2 – ICCH12), Oulu 2004. <http://www.tandfonline.com/doi/pdf/10.3402/ijch.v63i0.17822?needAccess=true>
- *Cost-effective Delivery of Specialist Medical Services to the St Helena Population- Review of Options and Recommendations*. http://www.dfidhealthrc.org/publications/health_service_delivery/06Nielsen01.pdf
- Nielsen, LC. *Situational Analysis of the HIV/AIDS in Tanzania*. Analysis prepared for the Royal Danish Embassy in Tanzania and Ministry of Foreign Affairs, Denmark (Danida). EASE International, Copenhagen, 2002.
- Nielsen, LC. *Burden of Disease on the Greenlandic population*. (Final report on the workgroup “Health & Demands” under the Greenland Health Care Reform, see status report with main results from the Greenland BOD study on: http://dk.nanoq.gl/nyhed.asp?page=nyhed&obino=31880#_Toc13453585). Greenland Home Rule Government, Ministry of Health. Nuuk, October 2001.
- Nielsen, LC. *Health Care Reform in Greenland – An Evaluation*. Nakorsanut 301 (Medical Science and Health Policy in Greenland), Nuuk Greenland. <http://www.lkf.gl/nak301/debat2.htm>
- Nielsen, LC. Hansen, KS. Nielsen, UR. *The Disease Burden of the Greenlandic Society*. Paper presented on the *NunaMed 2000* - an International Conference on health aspects in the Greenlandic population held every twice year in Nuuk, Greenland. NunaMed Conference Report (p. 191 – 212), Nuuk, 2000.
- Nielsen, LC. *Burden of Disease and Cost-effectiveness in Health Planning*. Point of View based on experiences from health care reform in Greenland. EASE International 2002. http://www.easeint.com/pow/POV_BOD_CE_HP_LCN_package.doc
- Hansen, KS. Nielsen, LC. Nielsen, UR. *Mortality in Greenland during the period 1985 – 1998. Trends in Mortality in the Greenlandic population using two different indicators*. Paper prepared for the International Burden of Disease Network. Paper submitted to the International Burden of Disease Network (IBDN). September 2000
- Gunnarsen, M. Nielsen, LC. *A study of the Burden of Disease on the Greenlandic Society*. Joint ministerial working paper for WHO, Global Programme on Evidence For Health Policy, Geneva. Ministry of Finance and Ministry of Health. Greenland Home Rule Government. Nuuk, October 1999.
- Greenland Statistical Yearbook 1996 (Sections on “National Accounts” and “Comparative Statistics for the Circumpolar Area”). For English version, see Statistical Yearbook 1997 <http://www.statgreen.gl/english/publ/yearbook/2002/chapter%2023.pdf>