

MARIT EIKA JØRGENSEN

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Date of birth: 14 January 1967 Nationality: Danish

EDUCATION

1995 MD, University of Copenhagen
2010 Specialist in Internal Medicine and Endocrinology

ACADEMIC DEGREE

2004 Ph.D. on a thesis entitled: Glucose Intolerance and its associated cardiovascular risk among Greenland Inuit. The Greenland Population Study. University of Copenhagen

EMPLOYMENTS

2015- Research Leader, Chief physician, Steno Diabetes Center & Professor, Southern Denmark University, Adjunct Professor Ilisimatusarfik/University of Greenland
2014-2015 Research Leader, Chief physician, Steno Diabetes Center & Adjunct Professor, Southern Denmark University
2012- Chief physician, Research Leader, Steno Diabetes Center, Copenhagen
2010-2012 Chief physician & STAR-researcher, Steno Diabetes Center, Copenhagen
2009-2010 Clinical specialist training, Endocrinology, Hillerød Hospital, Copenhagen
2008 Clinical specialist training, Diabetology, Steno Diabetes, Copenhagen
2006-2017 Specialist training, Endocrinology, Herlev Hospital, Copenhagen
2005-2006 Specialist training, Internal Medicine, Hillerød Hospital, Copenhagen
2004-2005 Postdoc., Centre for Health Research in Greenland, National Institute of Public Health, Copenhagen
2001-2004 Research Fellow, Steno Diabetes Center, Copenhagen
2000 Maternity leave
1999-2000 Registrar: Steno Diabetes Center, Copenhagen
1998 Registrar: Medical Department, Hillerød Hospital, Copenhagen
1995-1998 Registrar: Queen Ingrid's Hospital, Greenland: Departments for surgery, medicine, and general practice

RESEARCH ACTIVITIES

Since 1996 actively engaged in epidemiological research with focus on the association between social transition, lifestyle factors, ethnicity, environmental factors and chronic disease, primarily diabetes, obesity and cardiovascular disease. The main focus has been on the Inuit population in Greenland. With the recent advances in genetic studies in Greenland, a further focus area is the analysis of how genetic selection and adaptation to the extreme living conditions in Arctic have influenced chronic disease. These studies take place in a well consolidated collaboration between Southern Denmark University, Steno Diabetes Center, Universities of Copenhagen and Berkeley.

I am (or have been) involved in the following epidemiological research projects, in close collaboration with national and international partners:

(year = initiation of study)

2017-2019	The Population Survey in Greenland 2018. PI for diabetes, obesity and cardiovascular disease
2016-18	"Use of Neural Network for automated grading of diabetic retinopathy".
2015-2018	"Rhapsody". An EU sponsored Innovative Medicines Initiative 2 Joint Undertaking project of biomarkers and 'omics' for prediction of diabetes and its complications
2015- 2016	"Treatment reality in type 2 diabetes in Denmark". A pharmaco-epidemiological investigator-driven project sponsored by Astra Zeneca
2014	The population study in Greenland 2014
2013-	The Addition Study - Denmark: A population based screening and intervention study in screened positive diabetic individuals. Steering committee member
2012-	Register-based studies of diabetes incidence, complications and mortality in Denmark (PI)
2012-2013	Lundbeck Foundation Centre for Applied Medical Genomics in Personalised Disease Prediction, Prevention and Care (LuCAMP). Steering committee member
2005-2010	The Inuit Health in Transition Study. Population based study of chronic diseases among Inuit in Greenland, Canada and Alaska. Principal investigator on the study of obesity and diabetes
1999-2004	The Greenland Population Study: studies of diabetes, obesity and cardiovascular risk among Inuit in Greenland and Denmark (Coordinator).
1996-1999	Diet and 24-hour blood pressure among Greenland Inuit (Research assistant)

LEADERSHIP EXPERIENCE

Research leadership: Since 2012 research leader Clinical Epidemiology at Steno Diabetes Center; a cross disciplinary team of 26 people with background in statistics, public health, medicine, biology and human nutrition and physiology.

Project management: Extensive experience with operational implementation of large scale clinical epidemiological studies including financial and administrative management.

GRANTS (last three years)

2018	Amgen AB: Lipid lowering treatment in type 2 diabetes in Denmark (DKK 1,200,000)
2017	Novonordisk Foundation (Grant no NNF17OC0028136): "Dietary and exercise modification of p.Arg684Ter variant in the TBC1D4 gene on glucose homeostasis in Greenland Inuit" (DKK 7,725,928)
2017	Novonordisk foundation (Grant no NNF17SH0027192). "Diabeteskomplikationer i Grønland" (DKK 2,500,000)
2016	Steno Innovation Fund: <i>10-years follow up of the Addition Study</i> (DKK 500,000), Region Hovedstaden, Enhed for Telemedicin: " <i>Validation of Optos vs. Conventional Retinal Photo for detection of diabetic retinopathy</i> " (DKK 267,000),
2016	Innovative Medicines Initiative 2 Joint Undertaking grant No 115881 (Rhapsody)
2016-2018	Astra Zeneca: Treatment reality of type 2 diabetes in Scandinavia (CVD-real) (DKK 1,200,000)

PUBLICATIONS

Total: 189 peer reviewed publications (including 12 in Nature or Science), 2 Textbook chapters
9 reports. Citations: 5,615, H-index: 38 (Scopus, February 2018). <https://orcid.org/0000-0001-8356-5565>.
Link [MAEJ publications](#)

INVITED LECTURES

2010-2018	>100 invited lectures in Denmark, Greenland, Scotland, England, Germany, Spain, China, France, Canada, Luxembourg
2005-2010	19 invited lectures in Greenland, Denmark, Norway, Sweden, England, Canada
2000-2005	9 invited lectures in Greenland, Denmark, Norway, Sweden, France
1998-2000	5 invited lectures in Greenland and Denmark

OTHER EXPERIENCE AND PROFESSIONAL MEMBERSHIPS

2014-	Advisory Board Member, Arctic Research Centre, Aarhus University
2014-	National Board of Health: Committee member of the National Guidelines for Rehabilitation of patients with type 2 diabetes
2012-	Advisory Board Member: Danish National Indicator Program, Diabetes (National Quality of Diabetes Care monitoring)
2007-2011	Documentalist: Danish National Indicator Program, Diabetes (National Quality of Diabetes Care monitoring)
2003-	Board Member: The Greenlandic Medical Society

TEACHING

Epidemiology	Pre-graduate: Medical and public health students, Faculty of Health Science, University of Copenhagen and University of Aarhus
Epidemiology	Post-graduate: Ph.d.-courses (epidemiology, research methodology and metabolism, Copenhagen, Southern Denmark & Greenland University)
Diabetology	Faculty of Health Science, Univ. Copenhagen
International courses in Epidemiology, Quality Assurance and Clinical Diabetology:	Istanbul, Mumbai, Aurangabad, Chandigarh, Goa, Jaipur, Bangalore, Guangzhou, Kouchin, Beijing, Tunis, Nuuk, Aasiaat, Dhaka

EDITOR

2013-2014	Diabetologia, Advisory Board Member
2008-2012	Diabetologia, Associate Editor
2013-	International Journal of Circumpolar Health, Scientific Editor
2009-2012	International Journal of Circumpolar Health, Associate Editor

SCIENTIFIC PEER REVIEW

Reviewer for Acta Endocrinologica, Diabetologia, Hypertension, Diabetic Medicine, Diabetes, Diabetes Care, JCEM, The Lancet, Obesity, American Journal of Clinical Nutrition, Environmental Research, Scand J Publ Health and Atherosclerosis

Grant Review Committee Member for Diabetes UK, 2011 and 2014

SUPERVISION

(Year: year of public defense)

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| 2017 | Trine Jul Larsen: "Whole blood mercury and the risk of CVD among the Greenlandic population. (Master thesis) |
| 2017 | Pernille Falberg Rønn: Obesity-associated metabolic risk in Greenland: the influence of ethnicity (PhD thesis) |
| 2016 | Troels Mygind Jensen: "Exploring candidate biomarkers in early and progressive stages of type 2 diabetes " (Industrial PhD.) |
| 2016 | Christian Stevns Hansen: "Heart rate variability and dysglycemia: natural history and effect of intervention." (Industrial PhD.) |
| 2015 | Anne Lotte Phillipsen: The importance of abdominal fat distribution in the development of derangement in glucose metabolism and impaired renal function (PhD thesis) |
| 2015 | Majken Linnemann Jensen: Medication Adherence among patients with type 2 diabetes (Industrial PhD.) |
| 2014 | Stine Scheuer: Associations of abdominal fat distribution with cardiovascular risk in men and women at high risk of type 2 diabetes or with screen-detected diabetes: the ADDITION-PRO Study (Master thesis) |
| 2013 | Lærke Steenberg Smith & Pernille Falberg Rønn: Size at birth and risk of adiposity among adult Inuit in Greenland (Master thesis) |
| 2012 | Inger Dahl Petersen: Physical activity among Greenland Inuit", Inuit Health in Transition Study (PhD thesis) |
| 2012 | Charlotte Jeppesen: Traditional food in Greenland: relation to dietary recommendations, biomarkers and glucose intolerance (PhD thesis) |
| 2011 | Marieke Van Aerde: Glycemic index and glycemic load in relation to glucose intolerance among Greenland's Inuit population (Master thesis) |
| 2008 | Trine Thorseng: The association between n-3 fatty acids in erythrocyte membranes and insulin resistance: the Inuit Health in Transition Study (Master thesis) |
| 2005 | Astrid Ledgaard Holm & Anne Friis Andersen: Type 2 diabetes. Social relations and health behaviour (Bachelor) |
| 2004 | Nina Krogh Larsen: Obesity, fat distribution and cardiovascular risk among Greenland Inuit (Master thesis) |
| 2003 | Helene Moustgaard: Diabetes among Inuit migrants in Denmark (Master thesis) |

ONGOING SUPERVISION

(year = initiation of PhD project)

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| 2018 | Hanne Pedersen: "Behavioural and psychological aspects of food intake in relation to time restricted eating" (Industrial PhD) |
| 2017 | Trine Jul Larsen: "Brug af kunstig intelligens og telemedicinske løsninger til undersøgelse af diabetisk øjenssygdom i Grønland" (PhD thesis) |
| 2016 | Jessica Linnea Bengtsson: "Childhood adversities and the onset of type 1 diabetes" (Industrial PhD) |

CURRICULUM VITAE November 26, 2018

- 2016 Ninna Karsbæk Senftleber “N-3 PUFA and cardiovascular risk in Greenland Inuit” (PhD thesis)
- 2015 Lasse Berg Hansen: “Clustering of microvascular and macrovascular complications in diabetic populations”. (Industrial PhD)
- 2015 Maria Tvermosegaard: “*lav forekomst af hjertekarsygdom i Grønland – myte eller faktum*”.(PhD thesis)
- 2014 Hanan Amadid: Which physical activity patterns prevent diabetes and cardiovascular disease among people with elevated diabetes risk? (Industrial PhD.)

AWARDS

- 2003 Received “Burden of Diabetes” fellowship of 30.000 £ under EFSD
- 2018 Received Professor Niels Schwartz Sørensen award (Danish Endocrine Society)

LANGUAGE

- Native languages Danish, Norwegian
- Fluently English