

CURRICULUM VITAE

Name	Sturla H. Eik-Nes (male)
Date of birth	15.11.1945
Nationality	Norwegian
Email	Sturla.eik-nes@ntnu.no
Family	Married, Nancy, 1969. Sons: Torbjørn 71, Norgils 73, Vegard Rune 76

Degrees

1980 PhD, University of Lund, Sweden
1972 MD, University of Münster, Germany

Postdoc research

1982 – 1983 (18 months) Stanford University Hospital, Palo Alto, California, USA

Academic positions

Professor emeritus, Norwegian University of Science and Technology (NTNU) 2016 – present
Professor in Clinical Physiology and Biomedical Technology, NTNU 1985 – 2015

Foreign academic positions

Honorary Professor, Nelson R. Mandela School of Medicine, Ob & Gyn, College of Health Sciences, University of KwaZulu-Natal, Durban, South Africa, 2019 – present
Honorary Professor, Dept Ob & Gyn, University of the Philippines College of Medicine and Philippine General Hospital, 1998 – present
Honorary Professor, Karolinska Institute, Stockholm, Sweden, 1998 – 2004

Clinical leader positions

1997 – 2015 Director, WHO International Teaching and Training Center for Ultrasound in Obstetrics and Gynecology, NTNU, Trondheim
1990 – 2015 Founder and Director, National Center for Fetal Medicine, NTNU, Trondheim
1985 – 1989 Director Ultrasound Laboratory, Dept. Ob. Gyn. University Hospital of Trondheim,

Major research interests

Doppler ultrasound in obstetrics and gynecology, Fetal hemodynamics, Screening with ultrasound in pregnancy, safety aspects of ultrasound, Early pregnancy assessment, 3D Ultrasound, Global health

Royal award

Commander of the Royal Norwegian Order of St. Olav, Knighthood (Sir), presented by King Harald V of Norway - 2006

Elected member of academic societies

The Royal Society of Sciences and Letters, DKNVS - 2007
Norwegian Academy of Technological Sciences, NTVA - 2006

Awards from research institutions and scientific societies

Singapore Lecture, 11th College of Obstetricians and Gynaecologists, Singapore - 2014
Haackert Stiftung Gold Medal for Achievements in Perinatal Medicine, Düsseldorf - 2007
Stuart Campbell Award for Teaching and Training, ISUOG, Vancouver - 2005
The Donald, MacVicar & Brown Lecture. The British Medical Ultrasound Society, Edinburgh - 2001
Ian Donald Gold Medal - for outstanding contribution to the development of ultrasound in obstetrics and gynecology, ISUOG, Edinburgh - 1998

Honorary fellow of scientific societies

European Federation of Societies for Ultrasound in Medicine and Biology, EFSUMB, Ljubljana - 2017
International Society of Ultrasound in Obstetrics and Gynecology, ISUOG, Hamburg - 2009
American Society of Ultrasound in Medicine, AIUM, San Francisco - 2000
Philippine Society of Ultrasound in Obstetrics and Gynecology, Manila - 1997

Honorary member of scientific societies

Norwegian Society of Ultrasound in Medicine and Biology, NFUD - 2008
Norwegian Society of Perinatal Medicine, NPF - 2001
French Society of Ultrasound - 1998
Italian Society of Obstetrics and Gynecology - 1994
German Society of Ultrasound, DEGUM - 1993
Spanish Society of Prenatal Medicine - 1989
Yugoslavian Association of Ultrasound - 1981

Faculty opponent PhD Thesis

University of KwaZulu-Natal, Durban, South Africa, candidate Dr. HM Sebitloane, 2016
University of KwaZulu-Natal, Durban, South Africa, candidate Dr. M. Naidoo, 2015
University of KwaZulu-Natal, Durban, South Africa, candidate Dr. IE Bhorat, 2014
University of KwaZulu-Natal, Durban, South Africa, candidate Jayanthilall Bagratee, 2009
Lund University, candidate Edgar Hernandez Andrade, 2003
Uppsala University, candidate Karin Wegelius, 1997
Erasmus University, Rotterdam, candidate Tjerd Huismann, 1993

University of Bergen, candidate Trygve Hausken, 1992
University of Lund, candidate Jan Laurin, 1987
University of Iceland, candidate Reynir Thómas Geirsson, 1986

Scientific Society positions

President, International Society of Ultrasound in Obstetrics and Gynecology, (ISUOG) 1998 – 2002
Administrative Councilor, World Federation of Ultrasound in Medicine and Biology, (WFUMB) 1994 - 2000
Councilor, World Federation of Ultrasound in Medicine and Biology, (WFUMB) 1991 – 1994
President, European Federation of Societies for Ultrasound in Medicine and Biology, (EFSUMB) 1993 – 1996
President and cofounder, Norwegian Society of Perinatal Medicine, (NPF) 1989 – 1995
President, Norwegian Society of Ultrasound in Medicine and Biology, (NFUD) 1984 – 1990

Member of international committees

WHO Global Steering Group on medical Imaging, 2000 – 2015
FIGO Expert Advisory Panels on Prenatal & Preimplantation Genetics, Diagnosis & Therapy on Ultrasound, 1997 – 2015

Books

“Ultrasound in Obstetrics and Gynecology” Editor Wladimiroff J and Eik-Nes S,
English edition 2009, Greek edition 2011

Research activity

139 peer reviewed publications on ultrasound in obstetrics and gynecology, biomedical technology and perinatology.
Pub Med search: Eik-Nes S. Google Scholar Citation Index, total 9773, h-index 56, i10-index 117,
PhD thesis supervised 1989 - 2020: 25

Publications entered in Cochrane Collaboration 2015 review involving routine ultrasound:

Eik-Nes SH, Okland O. Ultrasound screening of pregnant women - a prospective randomized study. Diagnostic Ultrasound Imaging in Pregnancy. NIH Publication No.84-667. Washington: US Department of Health and Human Services, 1984:207-13.
Eik-Nes SH, Okland O, Aure JC, Ulstein M. Ultrasound screening in pregnancy: randomised controlled trial. Lancet 1984;1:1347.
Bakketeig L, Eik-Nes SH, Jacobsen G, Ulstein MK et al. Randomised controlled trial of ultrasonographic Screening in pregnancy. Lancet 1984;2:207-11.
Eik-Nes SH, Salvesen KA, Okland O, Vatten LJ. Routine ultrasound fetal examination in pregnancy: the 'Alesund' randomized controlled trial. Ultrasound in Obstetrics & Gynecology 2000;15(6):473-8.
Salvesen KA, Bakketeig LS, Eik-Nes SH, Undheim JO, Okland O. Routine ultrasonography in utero and school performance at age 8-9 years. Lancet 1992;339:85-9.
Salvesen KA, Jacobsen G, Vatten LJ, Eik-Nes SH, Bakketeig LS. Routine ultrasonography in utero and subsequent growth during childhood. Ultrasound in Obstetrics & Gynecology 1993;3:6-10.
Salvesen KA, Vatten LJ, Eik-Nes SH, Hugdahl K, Bakketeig LS. Routine ultrasonography in utero and subsequent handedness and neurological development. BMJ 1993;307:159-64.
Salvesen KA, Vatten LJ, Jacobsen G, Eik-Nes SH, Okland O, Molne K, et al. Routine ultrasonography in utero and subsequent vision and hearing at primary school age. Ultrasound in Obstetrics & Gynecology 1992;2:243-7.

Global Health interests and activities

In 1993 I initiated the “East West Collaboration” program as President of the European Society of Ultrasound in Medicine and Biology, 1993 – 96. The program was aimed at teaching colleagues in the Eastern European regions following the fall of the “iron curtain”.
As President of ISUOG I initiated in 1996 the ISUOG Outreach program which was aimed at teaching and training colleagues in Low and Middle Income Countries (LMIC) and was inaugurated in Manila, The Phillippines in 1996. Branches were also established in Thailand, Middle East and Murmansk Russia,. Over 3000 colleagues were taught between 1996 and 2008.

In 1997, I was appointed Head of “WHO Collaborative Teaching and Training Center in Obstetrics and Gynecology” at St. Olavs University Hospital, Trondheim, Norway.

As president of ISUOG 1998 – 2002 I established ISUOG International Scientific Conference in 2004 aimed at serving colleagues “outside Europe and North America”, mainly Asia, South America, Africa.

In collaboration with colleague Eva Tegnander, I established ISUOG Teaching and Training Center (ISUOG TTC) in Cape Town 2002 – 2007 (Groote Schuur Hospital), ISUOG TTC in Durban 2004 – 2008 (King Edwards Hospital), ISUOG TTC in Singapore 2005 – present. Training program for SA-midwives in KZN to use ultrasound in pregnancy were initiated in the time between 2004 and is ongoing.

Principal investigator of ongoing Global Health research project:

UMOJA Ultrasound for Midwives in Rural Areas, 2013 – 2020. Budget ZAR 60M. The background for this project dates back to 2004 during a collaboration between me and colleague Eva Tegnander as a consequence of the obvious need for a robust ultrasound machine to be used in the rough tough environment of South Africa. The main objective for this project was to develop an extremely low-cost, easy to use and portable/stationary, good quality ultrasound imaging system (the *Umoja* ultrasound system) specifically designed for operation in the challenging rural areas of developing countries, and at the same time, addressing the typical medical challenges indicated in MGD 4 and 5. The project is a collaboration between the National Center for Fetal Medicine, Department of Circulation and Medical Imaging, St. Olavs University Hospital, the Faculty of Medicine at the Norwegian University of Science and Technology and the University of KwaZulu-Natal, Durban, and a major ultrasound company. The project includes technical development of ultrasound technology and teaching programs aimed at how to implement and use the ultrasound technology in the rural area of KZN. The project is to be completed in 2020.