

CV - Curriculum Vitae

Bengt Arne Sjöqvist

Born: August 8, 1952

Family: Engaged, 2 children born 1988 and 1991

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Education

- Ph.D. studies Bio-Medical Engineering (Chalmers University of Technology) 1977-1984
- Approx. 3/4 years study in Medicine (Gothenburg University, part of Ph.D. studies) 1979-1980
- Master of Science Electrical engineering (Chalmers University of Technology, Gothenburg, Sweden) 1971-1976
- Gymnasium; Science 1968-1971

Examinations, degrees & courses

- Adjunct professor Healthcare Informatics, Chalmers (part time) 2004
- Associate Professor Bio-Medical Engineering, Chalmers 1989
- Ph.D., Chalmers University of Technology, Gothenburg, Sweden 1984
- Master of Science, Electrical Engineering, Chalmers 1976
- OMX/Stockholmsbörsens utbildning för ledande befattningshavare 2006

Positions (after M.Sc.)

- Reference Group leader, part of management team SAFER (part time) 2012 -
- CEO and owner MediMatix Consulting AB 2011(Nov) -
- Senior Advisor Ortivus AB 2011 (Nov) - 2012 (May)
- Deputy CEO and VP Strategic and Business Development, Ortivus AB 2008 (Aug) - 2011 (Nov)
- Acting CEO Ortivus AB (listed Company) 2007 (Dec) - 2008 (Aug)
- Adjunct professor Healthcare Informatics, Chalmers (Part time) 2004 -
- Vice President Strategic and Business Development Ortivus AB 1997- 2007 (Dec)
- CEO Svenska Telemedicin System AB 1994- 1997
- Manager Svenska Telemedicin System AB, STS 1991-1994
(no CEO position appointed by board)
- CEO Stiftelsen Medicin & Teknik (SMT) 1985-1994
(Foundation for Bio-medical Engineering, Chalmers)
- Researcher (Assistant Professor) Chalmers 1984- 1996
(From 1987 part time, in parallel with SMT and STS)
- Teacher (Doctoral Student) basic courses Chalmers 1977-1984
(in parallel to Ph.D. studies)
- Biomedical Engineer Sahlgrenska University Hospital 1977
- Sales Engineer Mediada AB (Medtech) 1976-1977

Assignments (a selection)

- Projects leader METIS – eHealth in prehospital emergency care (Vinnova) 2011, 2012, 2013
3 separate projects, VGR (Region of Västra Götaland)
- Co-project leader Strategic Research & Innovation Agenda (Vinnova) 2012 - 2013
- Vinnova (Governmental Research financier); Member of evaluation team 2011, 2012
”Challenge driven Innovation”, (Area: The information Society 3.0)
- Workshop leader “Health Technology Innovation”, GothenburgBio/VGR 2012
- Senior advisor Domitor Consulting AB (Hjärtjournalen, Healthcare ICT) 2012 -
- ”Acting Chairman” Chalmers Encubator project ”Synaps” 2011 -
- Reviewer NovaMedtech project applications 2009, 2011
(Medtech Innovation cluster involving Industry, Research and Healthcare)
- Member Program Committee “Medtech Days”, Swedish Society for 2008, 2011
Biomedical Engineering and Physics
- Member of Steering Committee “Centre for Pre-hospital Research & Development”, Region of Västra Götaland, Sweden 2008 -

Bengt Arne Sjöqvist *Ph.D., Adj.Prof (Healthcare Informatics, Chalmers Univ of Techn)*

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- Member of local Reference Group (West Sweden) Innovationsbron AB; (Governmental Innovation financier) 2008 – 2010
- Member of Working Group National Information Structure, Department for Health and Welfare (Project within the Swedish National IT-strategy for Healthcare) 2007– 2009
- Member Reference Group “SAFER post-crash” (10-year strategic initiative to support automotive research on security) 2006 –
- Board member Swedish Society for eHealth and Telemedicine 2006 – 2008
- Chairman Stiftelsen Medicin & Teknik, Chalmers 2006 –
- Vinnova (Governmental Research financier); Member of Steering Committee ”IT Services and use” Vinn Excellence centres 2004 - 2006
- Vinnova (Governmental Research financier); Member of Steering Committee ”IT supporting healthcare in the home” 2003 – 2008
- Member of Steering Committee for the program in ”IT within Healthcare” IT-university, Gothenburg 2001- 2003
- Board member Medeikonos AB (Medtech start-up company) 1998- 2003
- KK-stiftelsen (Governmental Research financier); member of Steering Committee ”IT in Healthcare” 1998- 1999
- Nutek (National Board for development) member of Steering Committee “Medical Image and Decision support systems” 1989-1997
- Student union society Chalmers University of Technology 1973-1975

Other activities (a selection)

- Author and co-author to more than 60 scientific articles, abstracts etc. within areas like neonatal lung function, telemedicine, eHealth etc. (see publication list for details)
- Teaching experience from Chalmers within electric circuit theory, signal analysis, bio-medical engineering and eHealth.
- Supervisor for more than 20 Master thesis’s (>40 individuals) at Chalmers with bio-medical engineering and eHealth focus
- Invited speaker at various occasions national and internationally, e.g. eHealth at C-bit 2007, courses in eHealth and Bio-Medical Engineering, Entrepreneurship, etc.
- Guest researcher at Vanderbilt Univ. Nashville, USA in 1979.
- Initiator to the formation of Stiftelsen Medicin & Teknik (Foundation for Bio-Medical engineering) at Chalmers 1985
- Co-founder Svenska Telemedicin System AB (Swedish Telemedicine Systems) 1991; now part of Ortivus AB
- Supervisor Ph.D. student within Healthcare Informatics/eHealth at Chalmers, 2006 - 2011 (eHealth solution for out-of-hospital monitoring of chronic and other patients; dissertation December 2011)
- Supporting Supervisor Ph.D. student (Ambulance Nurse) at School of Nursing, University College of Borås, 2009- (Computer based Clinical Decision Support within Ambulance Care; dissertation planned 2013)
- Responsible for course in eHealth at Chalmers (part of International Masters program in Bio-medical Engineering approx. 30 international students per year). Starting Year 2008, still running
- Winner of Innovation Cup West Sweden with MobiMed 1992 (arranged by newspaper Dagens Industri)

Projects and product development (a selection)

(Initiated and/or taking leading role in)

- MobiMed – Pre-hospital eHealth initiated in 1986 (today part of Ortivus product portfolio)
- CoroNet/MIDA – Cardiovascular Monitoring initiated in 1985 (today part of Ortivus product portfolio)
- Neonatel – telemedicine solution for neonates
- CardyMon- PC-based system for non-invasive hemodynamic measurements using Bio-impedance
- Respimon- PC- based system for analysis of neonatal respiration patterns using Bio-impedance
- FRC- System for analysis of lung function within neonates (part of Ph.D. thesis)
- EPIC- EU-project within ambulance and elderly care
- Mobicare – EU-project within mobile wireless healthcare
- HECTOR/Gbg - EU-project focused on telemedicine on ships
- HECTOR/Uppsala (Skadipus) - EU-project focused on ambulance/rescue informatics at large accident scenes
- Care@distance – Internet based remote long-term patient management; basis for Ph.D. thesis at Chalmers 2011
- RedLine – Eurostar/Eureka combined Nordic proposal 2011
- Metis – new model for innovation and development of process supporting ICT/eHealth in prehospital acute care. 2012

Experiences and Competences (In summary)

Industry & Business

(Overall geographical focus Nordic region and Europe, e.g. Sweden. Norway, UK, Germany, Italy)

Management

- CEO (listed and non-listed company)
- Deputy CEO (listed company)
- Head of Business development
- Member of management team
- Member of Group Management team
- Project management and manager (national and international)

Business Development

- New opportunities (e.g. Cardiovascular Information Systems (CVIS), Emergency Department Information Systems (EDIS), eHealth applications within acute pre-hospital care, Home care and Home monitoring)
- New markets (segments and regions)
- Partnering
 - Market & sales
 - Co-operation
 - Acquisitions (objects and evaluation)
- Market surveillance (trends - general and country specific)
- Market analysis (size, segmentation, etc.)
- Competitor surveillance
- Competitor analysis
- Company strategy
- Product strategy
- Reporting to management etc.

Business and Product Areas

- “Traditional” Medtech (monitoring etc.)
- Healthcare IT incl. electronic patient records
- eHealth
- Telemedicine (incl. home and distance care)
- CDSS (Clinical Decision Support Systems)
- Care-processes, Clinical Pathways etc.

Marketing & Sales

- Sales (national and international)
- Preparing of offers (national and international)
- Bid Manager larger projects (national and international; e.g. Hjärtjournalen VGR ;Sweden, CfH/ASCC; UK, Neuss region; Germany)
- Negotiations (national and international)
- Sales expert support (national and international)
- Planning of market activities and strategy (national and international)
- Exhibitions (national and international)
- Customer presentations (national and international)

Legal

- Co-operation agreements (national and international)
- Non- Disclosure Agreements (national and international)
- Project Agreements (national and international)
- Business and Distributor Agreements (national and international)
- Contacts with legal advisors (national and international)

IP-issues

- Patents (defining and administrating)
- Trademarks (defining and administrating)

Product Development

- User interaction, confirmation and validation
- User input
- Expert advisor
 - Clinical
 - Methodology
 - Trends
 - Technology
 - Medical & Healthcare Processes
 - Signal analysis & processing
- System design & overall architecture
- System requirements
- Roadmap input

Product Management

- Customer Offerings
- Product positioning
- Pricing
- Business models
- Marketing material

Presentations (Products, Company and “other” themes)

- Annual and quarterly reports
- Preparation of presentations
- Scientific incl. invitational (conferences etc.)
- Sales& Marketing
- Education and Training (customers, Universities etc.)

Clinical

- Clinical education, knowledge and experience
- Networks
- Specialties: Cardiology, Neurology, acute pre-hospital/ambulance care, neonatology, “home- and distance care”, clinical process development

Academic

- Adjunct Professor (Healthcare Informatics)
- Assistant Professor and Ph.D.
- Supervisor Ph.D. student
- Co-supervisor Ph.D. student
- Supervisor Masters thesis's
- Papers and abstracts (author and co-author)
- Responsible for Masters Course in eHealth
- Design of Masters Course in eHealth
- Network (Technical, Medical and Care)
- Examination of Master theses
- Scientific paper referee
- Referee Ph.D. dissertation

- Teaching experience at Masters level
- Presentations

Others

- Industrial network (national and international)
- Academic network (national and international)
- Clinical network (national and international)
- Personal experience from “start-up” to “mature” company
- Personal experience as innovator and entrepreneur
- Personal experience from expansion from national to international company
- “Authority” networks;
 - Healthcare IT
 - Innovation founders
 - County Councils etc.
- Project referee governmental authorities and others

Languages

Swedish and English: fluent

German: reading

References

Submitted upon request