

Curriculum Vitae : Anna Hielm-Björkman

Helsinki 2 Nov. 2017

1. Full name

Name: Hielm-Björkman, Anna Katrina (female)

2. Birth, nationality, residence

Date and place of birth: 27 April 1962, Esbo, Finland

Nationality/Citizenship: Finnish **Married to** Ingmar Björkman (Prof/dean), 3 children, 1 dog

3. Academic education and degrees awarded

2014 Adjunct Professor; Docent in “Companion animal clinical research” at the Faculty of Veterinary Medicine
Department of Equine and Small Animal Medicine
PoBox 57, FIN-00014, University of Helsinki, FINLAND

2008 PhD in Veterinary Medicine
Faculty of Veterinary Medicine
Department of Equine and Small Animal Medicine
PoBox 57, FIN-00014, University of Helsinki, FINLAND

1992: Doctor of Veterinary Medicine (DVM),
Collage of Veterinary medicine, Helsinki, Finland

4. Other education and training, qualifications and skills

2011 Nutrition epidemiology (4 credits)
Faculty of Nutrition, University of Helsinki, FINLAND

1994 Certified Veterinary Acupuncturist (IVAS), Fort Collins, Colorado, USA
- plus > 40 post graduate courses; many on clinical sciences, pain, nutrition, statistics and research methodology.

5. Linguistic skills

Languages spoken: Swedish (mother tongue), Finnish (fluent), English (fluent), French (fluent speech, fair written), German (fair), Spanish (some). Norwegian (through husband) and Danish comes with the Swedish.

6. Current position

Faculty of Veterinary Medicine, Dept. of Equine and Small Animal Medicine, Small Animal Surgery, PoBox 57, FIN-00014, University of Helsinki, FINLAND

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Website: <https://tuhat.halvi.helsinki.fi/portal/en/person/hielmb> (short: <http://bit.ly/SqZTuM>)

1997 – current Veterinary Teaching Hospital of the University of Helsinki: Canine pain and rehabilitation clinic.

2008 – current PI, researcher, clinical teacher (=Ass.Prof), supervisor and lecturer at the Department of Equine and Small Animal Medicine, University of Helsinki, Finland

7. Previous work experience

2017 Visiting **Massey University, Ag-research**. New-Zealand
2009 Re-visiting still as a post-doc at **Stanford University**, CA, USA
2008 **Post-doc at Stanford University**, CA, USA and at **UC-DAVIS** School of Veterinary Medicine (Surgery), CA, USA
1993-2007 **Private practitioner**. Started an own small animal practice in 1993. Worked there more or less full time 1993-2003 and less 2003-2007 because of PhD studies.
1992-1996 **University hospital veterinarian** (on call service) Collage of Veterinary Medicine, Helsinki, Finland.
1987-1993 **Country practice** veterinarian around Finland.
Career brakes when children small (1988-89, 1993-1995) and when husband working abroad (Hongkong University 1 year: 1991, Insead (France) 2 years: 1998-99 and 2004-2005).

8. Research funding, leadership and supervision

Grants: >25 grants between 1999 and 2017

4 larger grants for the DOGRISK projects (total of ~500.000 €): TEKES (230.000 €), 3 from Svenska kulturfonden (total 110.000 €). Other smaller.

2016-17: Organized 2 UH **crowd-fundings** for our DOGRISK research group (54.306 € + 16.973 €)

Leadership in research work: There was really little research in nutrition or complementary animal medicine when I started so after (and before) my PhD, I have been the “PI” of my own projects: In 8 large clinical projects I have planned and written the research plan, arranged for funding, applied for ethical permissions, recruited the study personnel (often licenciate or PhD students) and the clinical patients (dog owners with their dogs), fulfilled the trials with all their different stages and including follow-up, calculated the statistics and reported in form of owner meetings and as articles in relevant peer-reviewed journals. Officially I became PI when I became adjunct professor (2014). **Have attended a leadership program**, 2014-15 and an **Impact accelerator program** (2017) both in English, organized by the University of Helsinki.

Officially appointed supervisor of undergraduate students (licenciate thesis in DVM (43 of which 2 international and 5 ongoing) or MSci thesis in other disciplines: IT (1), Chemistry (2), Pharmacology (1 from Slovenia)

Officially appointed supervision of postgraduate students (PhD thesis): 9 (7 ongoing)

Supervision of post doc students: 3 (from Brazil, Spain, and Finland)

9. Merits in teaching and pedagogical competence

Involved in the curriculum planning of Small Animal Surgery

Initiated a nutrition clinic at the University Animal Hospital in 2016

Initiated a licenciate thesis school “Clinical Research – What, Why and how?” at our department 2010. Has evolved to comprise 3 of the faculty departments now.

Initiated a pain and rehabilitation clinic at the University Animal Hospital in 2006

Director of the Animal acupuncture services at the University hospital since 1997

Pedagogical training

2013 YP Supervising (5 credits)
The Centre for Research and Development of Higher Education (YTY), University of Helsinki, FINLAND
2011 YP 1.1 Teaching and learning in higher education (5 credits) and
YP 1.2 Design, implementation, assessment of teaching (5 credits)

10. Award and prizes – recent

2013 Good teacher award

2012 SLA: Silver honour- for taking the research in the area of medical acupuncture forward

11. Other academic merits and positions of trust

Member of international advisory board: OrionPharma Canine pain advisory Group; 2014 →

Member of international advisory board: Boeringer-Ingelheim Joint Health advisory Group; 2011 →

Examination of two doctoral dissertations

2017: Sarah Stadig: “Evaluation of physical dysfunction in cats with naturally occurring osteoarthritis” (Swedish University of Agricultural Sciences) and 2009: Helen Nicholson: “Physiotherapy in the Canine Intensive Care setting” (The University of Queensland, Australia).

External reviewer for <10 international peer-reviewed journals

Member/board member of several academic societies: IVAS- International Veterinary Acupuncture Society, NoVAS- Nordic Veterinary Acupuncture Society (President 2004-14, vice President 2014→), Suomen Lääkäreiden Akupunktioseura, (board 2012 →), Finnish Association for veterinary Practitioners, Finnish Pain Association, Pet- and sport animal welfare committee (Ministry of agriculture and Forestry) 2011→.

12. Scientific and societal impact of research

35 publications. I want to stress that as a clinical teacher that sees patients and teaches students it has been **hard to combine research and clinical patient work**. Now I will have **80% of my working time** to put to research. As of now I only have one day per 2 weeks with patients which will enable me to concentrate totally on research and supervising my research group. But also, I do think it is important for a clinical researcher to do some patient work, as it is the only way to keep up with current trends and treatments etc.

I have developed, validated and reliability tested the “Helsinki chronic pain index” for chronic pain evaluation in dogs that is now used over the world at universities, veterinarian clinics and in research. It has been translated to 11 languages and their validation processes are under way. Together with 2 of my PhDs we have developed and validated 3 more indices for scientific use.

I have tested many potential nutraceutical agents together with the industry, that then have been made into products (Green lipped mussel in Lyproflex®, Ginseng in Gerivet®, fish oil in Doils® – joints) etc.

I have pushed forward the canine model for human disease (One Health) to our faculty in our dogrisk project (see www.dogrisk.com, www.ruokintakysely.fi.)

I willingly share new data and results and have been interviewed several times on/for radio, television, newspapers and journals. (See www.dogrisk.com)

13. Positions of trust in society and other societal merits

- On the board for the Opaskoirakoulu (blind dog association) 2016 →

- Suomen luonto liitto, big predator group (petoryhmä), research-based policy-advice tasks 2014→

- Pet- and sport animal welfare committee (Ministry of agriculture and Forestry), research-based policy-advice tasks; Alternate member 2011 →
- Vet Nurses certification board; Board member 2004-2006
- IVAS- International Veterinary Acupuncture Society; Member 1988 → , HOD-member 2006 →, Board of directors 2007-2009, (2008; asked to become president – denied)
- NoVAS- Nordic Veterinary Acupuncture Society; Member 1988 → , President 2004-2014, Vice President 2014-2016
- Suomen Lääkäreiden Akupunktioseura (SLA) (=Finnish medical acupuncture society, for MDs, Dentists and DVMs); Member 1988 → , Board 2004-2006 and 2012 →
- Finnish Association for veterinary Practitioners; small animal section; Member 2000 →
- Finnish Pain Association; Member 2000 →
- IVAPM- International Veterinary Academy of Pain Management; Member 2000 →

...and showing trust by friends; I am the God-mother of 9 children ;c))