

## Curriculum vitae

### Cheryl Akner-Koler

Born and raised in Seattle WA.

USA & Swedish citizen/ Living in Sweden since 1979

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## Profile

I work as a sculptor, researcher in multi-disciplinary projects and design educator. I combine a sculptural approach that builds on the interdependency between form and space with a designers' way of working with ways people interact with each other and technology in a particular situation. My interests are in shaping form, exploring and applying new technologies and trying to make tangible connections with intangible experiences. I challenge the limits of the industrial design culture as I support educational and research projects that apply and further develop application that support haptic perception and a creative norm critical design approach.

## Education

### University exam

- 2015** Foundation course in higher education (pedagogic för högskolelärare), Konstfack (7.5hp)
- 2015** Introduction supervision in doctoral education, *Lund University, Faculty of Fine and Performing Arts* (2hp)
- 2015** Themes in artistic doctoral education, *Lund University, Faculty of Fine and Performing Arts* (3hp)
- 2008** Doctor of Philosophy in Theoretical and Applied Aesthetics, Chalmers University of Technology, School of Architecture, Göteborg, SW. Title: *Form and Formlessness. Questioning aesthetic abstractions in art projects, cross-disciplinary studies and product design education*. Main supervisor: Monica Billger, Color and space researcher. Examiner; Catharina Dyrssen.
- 1980-82** Metal smith crafting apprenticeship In Sweden with Master Karl Hienz Sauer and Wolfgang Gessl
- 1981** Bachelor of Arts- degree Western Washington State University, Bellingham WA USA. Independent study in Industrial design under Professor Rowena Reed, Pratt Institute, NYC

## Current Academic appointments and research leader

- 2001-tenure** Professor in Theoretical and Applied Aesthetics at Konstfack, University of Arts, Crafts and Design at the Industrial Design program, Stockholm, Sweden.
- 2016-2019** Project leader and co- artistic leader for **HAPTICA** funded by **Swedish Research Council (VR) artistic reserach**. This three year project is funded with 2.400.000 skr. We will work in collaboration with researchers and connoisseurs in the culinary arts, meal science and hospitality at Örebro University. Campus Grythyttan. (This is the third VR project I have been the main applicant and project leader.)
- 2016** Project leader in a Vinnova norm critical innovation project: **WHISPER**, a pilot project (300.000skr.) Aesthetic driven norm critical service design innovation in health care context. Collaboration with Transformator Service design and Experio Lab - community council in Värmland Sweden.
- 2012-2016** Örebro University, Design research in haptic interaction for research team creating aids for people with deafblindness: collaborating with Dag Stranneby, Professor at Örebro University, Professor Erik Borg audiologist and Parivash Ranjbar (PhD)

## Supervision PhD & expert

- 2016** University of Technology, Faculty of Arts and Design, MARA Malaysia, Examiner for doctoral thesis by Rusmadiyah Anwar, Title: *Characterizing a syntactic pattern of formgiving in critical design situation*.
- 2015-2016** Oslo School of Architecture Norway, academic support for associate professor Nina Björnstad in her further development of Aesthetic principles based on my research the Evolution of Form model.
- 2013-2016** Mobile Life, Royal Institute of Technology Stockholm, Sweden (SICS). "2nd" supervisor PhD student, Elsa Vaara, head supervisor Kristina Höök, Subject area: Temporality in Interaction Design.
- 2016** University of Borås at Swedish school of Textiles, Opponent-final seminar for doctoral student in artistic research, Ulrik Martin Larsen, Subject area: garment, choreography and the act of dressing. (27/1)
- 2016** University of Borås at Swedish school of Textiles, Member of the exam committee for doctoral student in artistic research, Karin Landahls, dissertation. Title: *The myth of the silhouette* - (28/1)
- 2016** Norwegian University of Science and Technology, Faculty of engineering and technology. Member of the exam committee for doctoral student in artistic research, Martha Skogen, dissertation. Title: *Investigating into the underlying parameters of visual simplicity*. (10/5)
- 2015** Bergen Academy of Fine Arts, Expert assessment for Promotion to Professor

- 2013** University of Borås at Swedish school of Textiles, Discussion leader at the Annual PhD seminar.
- 2013** Lund University, Faculty of Engineering, Expert assessment for promotion of Senior Lecturer.
- 2011** Örebro University Co-Supervisor with sensoric researcher Åsa Östros funded by KK foundation. Project MERA by Lars Eriksson. Pattern of aesthetic movement within Meal experience.
- 2009** Akershus University college Norway. Expert assessment for Promotion to Associate Professorship in the Dept. of Product Design

## Grants

- 2016-2019** Swedish Research Council, Artistic grant (2.400.000 skr.) Main Applicant & Project leader
- 2016** Vinnova norm critical innovation, Pilot project (300.000 skr.) Main applicant & Project leader
- 2009-2012** Swedish Research Council, Artistic grant (2.400.000 skr.) Main Applicant & Project leader
- 2009, 2008** KK-stiftelsen (300.000 skr.) Main applicant & Project leader
- 2003-2005** Swedish Research Council, Artistic grant (2.193.000 skr.) Main Applicant & Project leader
- 2001, 1998, 1996, 1995, 1990, 1983** Konstfack: Artistic Development (KU), ( from 20.000 – 75.000skr.)

## Previous Academic Positions and research project leader

- 2015** Course leader of the international summer school ECTS 7.5: Sustainable Xskool, co-course leader in collaboration with Ramia Mazé through Konstfack in partnership with John Thackara <http://www.doorsofperception.com/xskool/>, the theme: “Food systems” in Collaboration with Campus Grythyttan School of Hospitality, Culinary Arts and Meal Science. Örebro University.
- 2013-2016** Nordtek, Nordic collaboration with Lund University and Norwegian University of Science & Technology (NTNU) to develop a *Significant Interest Group in Form, Aesthetics and Meaning Making*. This includes a PhD
- 2009-2012** Project leader and co- artistic leader for **NanoForm through Haptic Aesthetic Laborations** funded by **Swedish Research Council**. This three year project was supported 2009-2011 funded 2.400.000 skr.
- 2009-2012** Visiting Professor/ researcher, in Applied Aesthetics at Örebro University, Campus Grythyttan, School of Hospitality, Culinary Arts & Meal Science (RHS). In this position I was able to conduct research on Haptics with the professionals culinary artist and hospitality artists.
- 2009** KK foundation (Kunskap och Kompetens stiftelse) Project leader for *Creating a collaborative “formgiving studio” that supports engaged aesthetic activities across cultures and disciplines*. Co-creation project in the field of aesthetics funded by & private industry. This grant aims to support the collaboration between educational institutions, research communities and industry.
- 2002– 2005** project leader for **Cross-disciplinary studies of complexity and transformation** supported by the Swedish Research Council funded a three year artistic research project: The project was organized through Konstfack and Physicum at Stockholm University in collaboration with Chalmers University of Technology in Göteborg, Smart Studio at the Interactive Institute and the Royal Institute of Technology in Stockholm.

## Previous Artist exhibitions & events (selected)

- 2015** SwedNanoTeck (commission), Sculpture: *Friction non fiction* a tactile sculpture that expresses different scales of friction from macro to micro scale. Concept development in collaboration with Christian Kolar from Applied Nano Surfaces in Uppsala.
- 2014** Exhibition designer for exhibition *Shaping Sustainable Food Experience*. *Chef of the year -Årets kock 2014*. Waterfront conference center St-h. Showing design projects from a course I lead in collaboration with sommleier Mischa Billing and Nils-Johan Eriksson.
- 2013** Nano exhibition at the Visualisation Center in Norrköping, Sculpture: a light sculpture that displayed a silver bord that measures 1 m.m.x 1 m.m x 1 m.m in collaboration with Teo Enlund.
- 2014** SwedNanoteck, (commission), Sculpture: *Quatum physics*, a sculpture that expresses instability in relation to exact measurement. Concept development with Dr. Adam Feiler from Nanologica in Stockholm.
- 2013** SwedNanoteck, (commission), Sculpture: *Changing focus*, a sculpture made to observe a single strand of human hair. It is build how we can adjust and change our focus and how to deal with blur.
- 2002** Kulturhuset Stockholm, Art/ Science Festival. *Infinity* in collaboration with Astro- particle- physicists Lars Bergström, Narendra Yamdagni & P.O. Hulth
- 2000** Galleri Sjöhäst, Nyköping. Solo exhibition
- 1998** Bergianska Gardens in the Old Orangery, *Empty Space* collaboration with Astro- particle- physicists Lars Bergström, Narendra Yamdagni & P.O. Hulth. Sponsored by Pillkington.
- 1998, 1992, 1989 & 1986** Konstruktiv Tendens, Stockholm (3 major solo exhibitions)

**Publications (selected)**

Cheryl Akner Koler

**2016 Akner-Koler,C** & Ranjbar, P. (accepted) *Integrating Sensitizing Labs in an Educational Design Process for Haptic Interaction*, Form akademisk <http://www.formakademisk.org> (Scientific - Peer review)

**2016 Akner-Koler,C**, Billing, M., Öström, Å., Göran Rodell, A., Eriksson, L., Nygren, T. HAPTICA Poster IN: proceeding the 1st Granqvist Culinary Arts and Meal Science Symposium Authenticity of Hospitality and Gastronomy – in Restaurants and the Public Sector.

**2015** Parivash Ranjbar, Dag Stranneby, **Akner-Koler**, Erik Borg *Haptic identification of Morse coded common commands for horseback riding instructions*, Accepted for the conference World Haptics Conference 2015, Chicago USA.

**2014 Akner-Koler,C**. *Haptica* abstract, Swedish Research Councils symposium at Borås textil Universtiy.

2014 Ranjbar, P, Stranneby D., **Akner-Koler**, Borg E. *Demonstration of haptic Aids for environmental perception for people with Deafblind*. IN: proceeding the Eurohaptic 2014 conference

2014 Ranjbar, P, Stranneby D., **Akner-Koler**, Borg E. Article: *Haptic technical aids for Environmental perception, Time perception and Mobility (in a riding arena) for persons with deafblindness* In: Eurohaptic 2014 Ed. Auvray& Duriez, Springer pub.

**2013** Kosmack Vaara, E., Boudet, S., Höök,K.,**Akner-Koler,C.**, Poster IN: conference proceedings IXDA 2013 Toronto, *Kneading time, exploring bodily dimensions of temporality*

**2012 Akner-Koler, C.** *Expanding the Boundaries of Form Theory and Practice: Developing the Model Evolution of Form*. In book: Shaping Design Teaching: Explorations into the Teaching of Form. Steino N.& Özkar M. (eds.) Aalborg Danmark, Aalborg University Press.

2012 **Akner-Koler, C.** Kajfes, A., Norberg, B. & Yamdagni, N. NanoForm IN: Plastik Art & Science ACTE CNRS Institute - University of Paris in Panthéon-Sorbonne.

2012 Stranneby, D. Ranjbar, P. **Akner-Koler,C.** & Borg, E. Abstract: *Ready Ride* The 9th international conference on aquired deafblindness in Lund.

**2007 Akner-Koler, Cheryl.** *Form and Formlessness, Questioning aesthetic abstractions in art projects, cross-disciplinary studies and product design education*. PhD thesis collaboration between Konstfack and Chalmers. Axlbooks.

**2007 Akner-Koler, Cheryl.** 2007 *Cross-disciplinary studies of complexity and transformation*. Summary for Swedish Research Council In: Vetenskapsrådets rapportserie 6:2007).

**2004 Akner-Koler, Cheryl & Bergström, Lars.** *Complex curvatures in form theory and string theory*. Leonardo Journal, MIT Press. (Scientific - Peer review)