

CV (Professor Martin Hassellöv, 700823-4978)**1. Undergraduate degree: Ph.Mag in Chemistry, University of Gothenburg, 1994-05-30****2. Doctoral degree: 1999, Marine Chemistry****3. Postdoctoral stay(s) and international exchanges:**

010101-021231 Postdoc, Woods Hole Oceanographic Inst. / Massachusetts Inst. of Technology

001101-001201 Postdoc, Univ. of Southern. Mississippi, Dept of Marine Science, USA

000901-001001 Postdoc, Univ Lancaster, Dept of Env. Sci., UK

4. Senior lecturer expertise (docent competence):

Docent: 070410 (Marine Chemistry)

5. Present employment (research time % of full time):

Professor, analytical environmental chemistry (permanent), Univ. of Gothenburg, (80%), 120701=>

6. Previous employments:

070901-120630 Lecturer analytical and environmental chemistry, GU

030201-070831 Researcher (Wallenberg fellow), GU

000801-001231 Project employed researcher, Inst. Appl. Envir. Res., Sthlm Univ.

8a. Main PhD supervisor for the following persons (year for examination):

Björn Stolpe (2007)

Jenny Perez Holmberg (2012)

Jani Tuoriniemi (2013)

Kajsa Baumann (?)

Julian Gallego (2014)

Therese Karlsson (2020)

8b. Post-doctoral and visiting PhD student advisor:

Dr Eike Breitbarth (200604-200812)

Dr Geert Cornelis (20110201-20121231)

Dr Linn Hofmann (200801-200812)

Karen Tiede (200802-200805)

Dr Caroline Jonsson (20091015-20101231)

Kelly Plathe (200811-200812, 200911)

9a. Administrative and leadership experiences:

- Director Nanosphere strong research environment on Risks with new nanomaterials, 25 persons
- Coordinator for GMV centre for environmental analytical chemistry 2008-2009
- Leader for new research discipline in Environmental Nanochemistry
- Have been project leader for 7 projects, work package leader for 2 european projects
- Chemistry representative in the board for the master program in ecotoxicology (2006-2009).
- Member Gothenburg Marine Research Board (2006-2007)
- Chemistry representative in the board for the marine sciences undergraduate program 2003-2006
- Participated in several leadership and coaching courses
- Awarded by Havsmiljöinstitutet the VEGA-fellowship for Compass advanced training workshop in scientific leadership and media interactions April 2013

9b. Selected invited seminars

- Invited to give a seminar to the Swedish Chemical Inspectorate Toxicological Council 20110317
- Invited to give a presentation on our research to the Swedish Environment Minister, 20110209
- Invited to Swedish Research Council to talk about risks with nanomaterials at a seminar, 100312

9c. Invited 24 times to international conference and workshops (4 times plenary)**9d. Funding: Total > 43.4MSEK to MH group =>2016****Selected projects**

- M. Hassellöv, A. Ledin, and T. Pettersson. The importance of colloidal particles for heavy metal transport in urban stormwater runoff. Formas (2004-2009)
- M. Hassellöv, T. Backhaus, B. Sandén and S. Molander. Exploring Options for Environmental Risk Assessment of Engineered Nanomaterials: case studies on impacts of Ag chemical complexation in marine and brackish waters? Formas 1.490 KSEK (2006-2007)
- S. Wängberg and M. Hassellöv. Is copper that is released from antifouling paint toxic to the ecosystems or is the toxicity quenched by

- and TiO₂ nanoparticles on aquatic microorganisms. Formas 648 K€(2008-2010)
- Boxall, Baun, Hassellöv, von der Kammer, Veinot. Detection, Fate and Uptake of Engineered Nanoparticles in Aquatic Systems. European Chemical Industry Council (CEFIC) 110 K€MH (2009-2011)
 - M. Hassellöv. Development of analysis and characterization methods for nanoparticles in complex samples from environment and biological material. Research school Environment and Health. 230 K€(2009-2012)
 - Hassellöv, et al. NanoSphere: Centre for interaction and risk studies in the Nano-Bio-Geo-Anthropo-sphere interfaces. Formas - Strong Research Environment - Risks with development of new nanomaterials 600K€MH (2010-2014)
 - NANOFADE: Nanoparticle Fate Assessment and Toxicity in the Environment. Svendsen, Hassellöv et al. FP7 Project. 250K€MH
 - MARINA: Managing Risks of NanoMATERIALs; ..., Hassellöv et al, FP7. 2011-2015 (300K€MH)
 - M. Hasselov and S. Molander. Exposure assessments of nanoparticles in aquatic environments – considerations, review and recommendations. Swedish Chemical Inspection, 135 KSEK (2011)
 - S. Svedhem, M. Hassellöv et al. MISTRA ENVIRONMENTAL NANOSAFETY. 7MSEK-MH (40MSEK 2014-2018, 7MSEK MH))
 - M Hassellöv et al. Microplastics in marine waters: Sources, pathways, fate and indicator species. FORMAS 7.2MSEK, (2015-2017)
 - BASEMAN: Defining the baseline and standards for microplastics in European water. ...M Hassellöv et al. JPI Oceans (2016-2018) (260K€MH)
 - NANOFASE: Nanomaterial FAte and Speciation in the Environment. H2020 (2015-2018) (280K€MH)
 - Clean Coastline – INTERREG Oresund-Kattegat-Skagerak 2016-2018. (1600KSEK MH)
 - M. Hassellöv et al. Abundance and physicochemical characteristics of road dust, paint flakes, fibres and other urban sources of marine microlitter pollution to nordic coastal waters. Nordic Council of Ministers. 2016. 500KSEK, 200KSEK MH)
 - M. Hassellöv. Measurements of microplastics in the Bohuslän monitoring stations. Länsstyrelsen, 2015. 105KSEK
 - T. Backhaus, ...M. Hassellöv, et al. FRAM – Centre for Future Chemical Risk Assessment and Management. UGOT CHALLENGES. 2016-2022. (50MSEK, 3.24MSEK MH)

10. Experience communicating with stakeholders and media

In the nanomaterial risk area stakeholders and media have frequently been in dialogue, and MH has been invited and organized several stakeholder workshops with authorities, industry and NGOs. We have been working closely with the Chemical Inspection, e.g. written an extensive report for them. MH has been interviewed by Ny Teknik, Kemivärlden, Swedish national radio (Ekot) and newspapers (DN, GP, SvD), and participated in two documentary films. He participated in the VEGA Fellows Science Communication training programme. In the marine microplastics area MH has been frequently communicating with the members of the stakeholder group and others (Havs och Vattenmyndigheten, Länsstyrelsen, KIMO, Ren Kust Bohuslän, 8 Fjordar, Bohuskustens vattenråd, SMHI, VGR miljönämnd, miljödepartementet) regarding both primary microparticles, beach plastic issues and pelagic plastics. Jointly we have organized a communication campaign “Expedition Skräpfritt Hav” with exhibition for the public and decision makers (Almedalen) and a seminar for the Swedish Minister of Environment, EU parliamentarian, industry representatives, authorities and NGOs (“Plast har ingen plats i vårt hav”, Almedalsveckan 2014). MH also talked at KIMO International annual meeting 2014.

11. Publications

57 peer reviewed publications, 3400 citations h-index 29