

**1. PERSONAL DETAILS**

Name: Wiedmer, Susanne Kristina  
Year of birth: 1969  
Gender: female  
Nationality: Finnish  
Web site: <https://tuhat.helsinki.fi/portal/en/person/wiedmer>  
ORCID: 0000-0002-3097-6165

**2. EDUCATION AND DEGREES COMPLETED**

1990 Exchange student: University of Bergen, Department of Chemistry, Bergen, Norway  
1993 M.Sc. (organic chemistry), University of Helsinki  
1998 Ph.D. (analytical chemistry), University of Helsinki  
1998-1999 Postdoctoral research: University of Indiana, Department of Chemistry, Bloomington, Indiana, USA  
2001 *Docent in Analytical Chemistry*, University of Helsinki  
2010-2013 *Adjunct professor*, University of Alabama

**3. CURRENT POSITION**

2012 -> *University lecturer*, University of Helsinki, Department of Chemistry (on sabbatical 2018 ->)  
2018 -> Quality Manager, Ardilla Technologies Oy

**4. PREVIOUS WORK EXPERIENCE**

1999-2002 *Postdoctoral Researcher Post*, Academy of Finland  
2002-2008 *Academy Research Fellow post* Academy of Finland  
2007-2012 *University lecturer*, University of Helsinki, Department of Chemistry  
2015 *Professor*, University of Helsinki, Department of Chemistry

**5. PERSONAL RESEARCH FUNDING AND GRANTS**

- For PhD work and participation in international conferences (1994-2018): 82 327 €
- For research (1 852 527 €)
  - University of Helsinki; 250 000 € (2002-2004, 2008-2010)
  - Academy of Finland; 1 168 308 € (1999-2002 (postdoctoral researcher), 2002-2006 (Academy Research Fellow), 2002-2005 (consortium), 2006-2008, 2012-2013 (mobility), 2014-2015 (mobility), 2013-2017)
  - Tekes, 2017-2019 (consortium), 251 719 €
  - Magnus Ehrnrooth Foundation; 100 000 €
  - industrial money (FIBIC); 36 500 €
  - Walter and Lisi Wahls foundation; 9 000 €
- For collaboration between Helsinki University of and gymnasium (high schools): 12 000 € (2014-2016, 2016-2018)

**6. LEADERSHIP AND SUPERVISION EXPERIENCE**

Supervised research projects for MSc degree (3½ -5 months laboratory work): 45  
Supervised research projects for BSc degree (1 month laboratory work): 21  
Examined theses for BSc degree: 16  
Examined theses for MSc degree: 54

Examined theses for licentiate of philosophy degree, Phil.Lic. (reviewer): 3

Examined theses for doctor of philosophy degree, PhD (reviewer): 5

Main supervisor of research projects for PhD degree:

2008 Maria Lindén

2016 Inkeri Kontro

2018 Suvi Ruokonen (née Mikkola)

Co-supervisor of research projects for doctoral degree:

2002 Johanna Suomi

2007 Yohannes Gebrenegus

2013 Antti Rantamäki

2019 Sari Tähkä

Supervised post-docs: 10

## 7. TEACHING EXPERIENCE

Courses taught at the Department of Chemistry (HU):

MSc course: "Sample preparation, 5 ects" (in Finnish), 2009, 2010, 2011

MSc course: "Determination of metals, 3 ects" (in Finnish), 2010

MSc course: "Determination of metals, 3 ects" (in English), 2011, 2012

BSc course: "General Chemistry I, 4 ects" (in Swedish), 2012, 2013

BSc course: "General Chemistry II, 4 ects" (in Swedish), 2012, 2013

BSc course: "Basics in solution chemistry, 5 ects" (in Swedish), 2013, 2014

BSc course: "Atoms, molecules, and interactions, 5 ects" (in Swedish), 2014-2017

BSc course: "Energy, reactivity, and chemical equilibrium, 3 ects" (in Swedish), 2014-2017

BSc course: "Solution chemistry, 3 ects" (in Swedish), 2015, 2016

## 9. PATENTS, INVENTIONS, AWARDS AND HONOURS

2017 US patent application no 62/444864 "HYDROTROPIC COMPOSITION AND ITS USES"

2000 *Det Alfthanska priset* (Finnish Society of Chemistry)

2018 *Svenska ärendens bragdpris* (University of Helsinki)

## 10. OTHER KEY SCIENTIFIC OR ACADEMIC MERITS

Opponent for PhD degree (dissertation):

2011 University of Copenhagen, Faculty of Pharmaceutical Sciences, Denmark

2013 Department of Chemistry, Faculty of Mathematics and Natural Sciences, University of Oslo, Norway

2017 Department of Chemistry, Faculty of Mathematics and Natural Sciences, University of Oslo, Norway

Member of PhD assessment committee (international): 12

Member of PhD committee (University of Helsinki): 3

- 2002-2012, NORDPLUS (Nordic Programme for the Mobility of University Students and Teachers) contact person of the Laboratory of Analytical Chemistry

- Board member and of the Finnish Society of Chemistry; accountant (2001-2008), vice chairman (2012->)

- Member of the advisory editorial boards of the peer-reviewed international journals 'Electrophoresis', 'Journal of Separation Science', and 'Separations'

- Member of the Swedish Research Council evaluation panel for Natural and Engineering Sciences - Organic, inorganic and Analytical Chemistry, VR-Review; years 2007, 2008, 2014, 2015

- Örebro University: Evaluation of a postdoctoral position (2007) and a university lecturer position (2015) in Analytical Chemistry at the Department of Natural Sciences

- Member of the Pool of Experts for evaluation of applications for research allocation from the Faculty of Science at Stockholm University (2009)

- Member of the Pool of Experts for evaluation of postdoctoral positions at the University of Helsinki (2009, 2010)
- External reviewer for proposals submitted to the National Fund for Scientific and Technological Development (FONDECYT) of the Chilean Government Commission for Scientific and Technological Development (CONICYT), 2010 Regular Research Funding Competition (2009)
- Member of the Pool of Experts for evaluation of applications for three-year research allocation from the University of Helsinki (2010)
- Member of the Finnish Society of Sciences and Letters, Section of Mathematics and Physics (2014 ->)
- National represent (Finland) of the IUPAC committee on Chemistry Education (CCE); 2016 ->
- National represent (Finland) of the IUPAC committee on Analytical Chemistry (CCE); 2018 ->
- National represent (Finland) of the EuChemS DivCEd Division of Chemical Education; 2016 ->

Research activities:

- Participation in international conferences 1-2 times a year (oral or poster presentations)
- Oral presentations at national/international scientific meetings: 26 (14 invited)
- Poster presentations at national/international scientific meetings: 113
- Publications in peer-reviewed international journals: > 125

Reviewed papers in international journals (Anal. Chem., Anal. Bioanal. Chem., Anal. Chim. Acta, BBA-Biomembranes, Chromatographia, Electrophoresis, J. Chromatogr. A, J. Sep. Sci., Langmuir, Soft Matter, Talanta): average 30 papers/year

Pedagogical education (34 ects):

- 2003 Supervisor education ("Handledarutbildning"), 5 ects,
- 2007 University pedagogy I ("Universitetspedagogik I"), 10 ects
- 2010 ALICE- Swedish/Finnish language and culture in academia, 2 ects
- 2010 University pedagogy II ("Universitetspedagogik II"), 10 ects
- 2012 Teaching in practice ("Käytännön opetustaito"), 3 ects
- 2015 The psychology behind teaching, ("Lärandets psykologi"), 4 ects