

# PAULINE MATTSSON

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## PROFESSIONAL EXPERIENCE

- 03/12– **Guest researcher**, WZB Berlin.  
*Project: Research for the benefit of mankind: - Lessons learned from Nobel Prizes in Medicine.*
- 12/11– **Post-doc**, Karolinska Institutet  
*Teaching activities, supervising master thesis and PhD student, responsible for grant applications*
- 05/07–12/11 **Consultant**, Technopolis Group  
*Ex-ante and ex-post evaluations of innovation and R&D projects and programmes, Comparative analysis and implementation of ST and innovation policy, Regional and national innovation strategies, Drafting of national White Papers, Reporting of new trends in RTDI policy*
- 06/10– **Euroscience Governing Board member**
- 08/09–03/10 **Invited expert** to the "Innovation and technology analysis (ITA)" organized by the German Federal Ministry of Education and research (BMBF).
- 03/04–04/07 **Researcher**, IPTS-JRC, European Commission, Seville, Spain.  
*Developed science and technology indicators, arranged meetings and workshops, analysed and reported on relevant research and innovation policy issues*
- 09/02–04/03 **Project assistant**, Centre for Medical Innovations (CMI), Karolinska Institute, Stockholm, Sweden.  
*Worked within an EC initiated project, CLUES 5th Framework Programme, which aimed at increasing biotechnology research collaborations and innovation within the European Union*
- 09/01–06/02 **Bioinformatic developer**, Dep. of Oncology and Molecular Endocrinology Bioinformatic division, CHUL, Québec, Canada.  
*Developed statistical and mathematical methodologies for microarrays*

## TEACHING EXPERIENCE

- 2012 Karolinska Institutet "Medical- business management for future physicians"
- 2010 Karolinska Institutet "From science to service – business concepts for healthcare"
- 2002 Folkuniversitetet "Basic accounting and finance".

## GRANTS

- 2011 Project Research Grant, Swedish Research Council
- 2010 Project Research Grant, Swedish Innovation Agency
- 2004 European Commission, Granholder category 20 (doctoral grant)

## RESERCH FOCUS AND KEY EXPERTISE

International research collaboration networks, comparative analysis of innovation systems and research policies, commercialisation strategies, data visualisation, patentometrics, bibliometrics, social network analysis.

## EDUCATION

- 01/05–03/11 **PhD (part-time)**, Karolinska Institute, Stockholm, Sweden. Title "European knowledge transfer reflected by research collaboration and patent citations indicators".
- 08/98–02/04 **B. Sc. and M.Sc. International Business Administration and Economics**, Uppsala University, Sweden.
- 08/96–02/04 **M.Sc. in Biotechnology Engineering**, Uppsala University, Sweden.
- 01/02–06/02 **Business studies** at Université Laval, Québec, Canada.

01/98–12/98 **Business and Engineering studies** at Wollongong University, Australia

## **OTHER SKILLS**

Languages: Swedish – Mother tongue; English – Excellent speaking and writing; French – Very good speaking, fair writing; Spanish – Very good speaking, fair writing, German – Very good speaking, fair writing.

Programming: Perl, C++, Matlab, SQL

## **SELECTED CONFERENCE PAPERS**

- 2012 4S/EASST: "Academic ambitions: exploring the challenges of today's young scholars", Copenhagen, Denmark.
- 2012 ESOF: "Opportunities and challenges for the next generation of European scholars", Dublin, Ireland
- 2011 4S: "The role of hospitals in the translation process from bench to bedside", Cleveland US.
- 2010 EASST "Crossnational Biobanking: benefits and challenges", Trento Italy.
- 2010 ESOF: "The economy of being healthy", Turin, Italy.
- 2009 Atlanta Conference on Science and Innovation Policy: "The gap between European research policies and researcher initiated collaborations", Atlanta, US.
- 2009 Challenges for European Science: "What do European collaboration networks look like?", Uppsala, Sweden.
- 2008 The Global Lab, 2nd conference on the globalization of R&D: "European researchers go global", Brussels, Belgium.
- 2007 The Economics of Technology Policy – Monte Verita: "The impact of EU research policy on the dynamics of knowledge networks", Ascona, Switzerland.
- 2007 Patent & Innovation, Econometrics Studies: "What do examiner patent citations indicate in regions with low absorptive capacity?", Strasbourg, France.
- 2007 XII Seminario Latino-Iberoamericano de Gestión Tecnológica - ALTEC 2007: "El cuestionable uso de las citas de patentes como indicador de flujos de conocimiento en regions con baja capacidad de absorcion", Buenos Aires, Argentina.
- 2006 Second International Seville Seminar on Future-Oriented Technology Analysis (FTA): Impacts on policy and decision making, Seville, Spain.
- 2006 9<sup>th</sup> International Conference on Science & Technology Indicators: "Europeanization vs. Internationalization: Scientific co-publication patterns in Europe", Leuven, Belgium.

## **PEER REVIEW PUBLICATIONS**

- Meijer, I., Molas Gallart, J., Mattsson, P., 2012. Networked research infrastructure and their governance the case of biobanking. *Science and Public Policy* (Online May).
- Azagra Caro, J. M., Mattsson, P., Perruchas, F., 2011. Smoothing the lies: The distinctive effects of patent characteristics on examiner and applicant citations. *American Society for Information Science and technology* 62(9).
- Mattsson, P., Sundberg, C.J., Nilsson, A., Laget P., 2010. What do European research collaboration networks in life sciences look like? *Research Evaluation* 19(5).
- Mattsson, P., Sundberg, C.J., Laget P., 2010. Is Correspondence reflected in the author position? A bibliometric study of the relation between corresponding author and byline position. *Scientometrics* 87(1).
- Mattsson, P., Sundberg, C.J. 2009. The KIBS are alright. *Public service review: European Union* 8.
- Azagra Caro, J. M., Fernandez de Lucio, I., Perruchas, F., Mattsson, P., 2009. What do patent examiner inserted citations indicate for a region with low absorptive capacity? *Scientometrics* 80(2)
- Mattsson, P., Laget P., Nilsson, A., Sundberg, C.J., 2008. Intra-European vs. extra-European scientific co-publication patterns in Europe. *Scientometrics* 75(3).

Mattsson, P., 2008 (invited). Bibliometrics – an important tool in research evaluation. *Euroscientist* 5.  
Compano, R., Bock, A.-K., Burgelman, J.C., Cabrera, M., Da Costa, O., Mattsson, P., Malanowski, N.,  
2006. Converging applications for active ageing policy. *Foresight* 8 (2).

#### **OTHER SELECED PUBLICATIONS AND REPORTS**

- Evaluation of strong research and innovation environment, VINNOVA, 2011.
- Ex-post assessment of Policy lessons from experimentation with Regional Programmes of Innovative Actions (RPIA) in the fields of innovation, sustainable development and information society, European Commission, 2010.
- Health and Economic Impact Biobanking and Biomolecular Resources Research Infrastructure (BBMRI), INSERM, 2010.
- Interim evaluation of EU FP7 transport research, notably within Theme 7 of the Cooperation programme "Transport (including aeronautics)", European Commission, 2010.
- METRIS, Monitoring European Trends in the Social Sciences and the Humanities, country correspondent, European Commission, 2009-2010.
- ERAWATCH, country correspondent, European Commission, 2007–2011.
- Mid-term evaluation of Person Transports for the Future, Swedish Rail Administration, 2010.
- Half time evaluation of VINNVÅRD, a research programme on innovations in the health care sector, VINNOVA, 2010.
- Impact assessment of R&D programmes to support strategic development areas for Swedish manufacturing industry from mid-1990s to present, VINNOVA, 2010.
- Mid-term evaluation of the Swedish National Space Research Programme (NRFP), VINNOVA, 2010.
- Review and analysis of current use of stem cells collected from blood and other tissues at parturition, Department of Health, UK, 2009.
- Monitoring and analysis of policies and public financing instruments conducive to higher levels of R&D investments (Policy Mix), Swedish country report, European Commission, 2007 and 2009.
- Final evaluation of ten national network programmes in life sciences, Swedish Science Foundation, 2008.
- Impact assessment of Swedish vehicle research programmes (ffp1–2), VINNOVA 2008.
- Mid-term evaluation of the MERA-programme, VINNOVA, 2008.
- Evaluation of NER, Nordic Energy Research (NER), 2008.
- Mid-term evaluation of National Aviation Engineering Research Programme (NFFP), VINNOVA, 2008.