

Rebecka Jörnsten

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Ph.D. in Statistics, December 2001
University of California at Berkeley

1 Recent Grants and Awards

- Research Award. University of Gothenburg, Faculty of Science, 2017. 250tKr.
- Wallenberg Foundation Math-AI PhD grant. "Learning with Noisy Labels". 2018-2023, 5000tKr. co-PI. (PI Johan Jonasson)
- Swedish Foundation for Strategic Research: Systems Biology. "Focus on glioblastoma: using patient-derived cells to decipher tumor expansion and evaluate new treatments.". (2017-2021). co-PI (PI Sven Nelander). (30000tKr of which 25% time to Jörnsten).
- Swedish Foundation for Strategic Research: Big Data. "Integrative precision medicine: local data, global context". (2017-2021). co-PI (PI Sven Nelander). (30000tKr of which 25% time for co-PI + 2 PhD students to Jörnsten).
- Vetenskapsrådet (Swedish Research Council) Project Research Grant, "Network modeling for large-scale human cancer studies: data integration, validation and multiresolution networks." (2014-2017) PI. (5060tKr)

2 Ph.D. Students

- Current supervision; Olof Zetterqvist, Felix Held, Juan Inda, Oskar Allerbo, Jonatan Kallus
- Past supervision; Patrik Johansson, Teresia Kling, Jose Sanchez, Alexandra Jauhainen

3 Scientific leadership, administration

- Profile leader, Chalmers Area of Advance Health Engineering
- Operational Team Chalmers AI Research Center, 10% effort
- Vice-Dean for Research and Research Infrastructure, Science Faculty, Gothenburg University, 2018-2024, 25% effort

4 Bibliometric parameters

Number of peer-reviewed publications (excluding manuscripts, submission and revised submissions): **43**, of which 32 are journal papers and 11 are peer-reviewed book chapters or peer-reviewed conference papers.

H-index: 19 (Google Scholar)
i10-index: 29

Number of citations: 3597 (Google Scholar).

[Scholar Google Page](#)

5 Master students

- 2020: Markus Kjällman, Jerry Liu, Martin Eriksson, Navid Haddad, Lukas Nyström, Oskar Liew, Per Ed.
- 2019: Jacob Söderström, Isak Hjortgren, Sandra Larsson, Jacob Lindbäck, Mikael Böörs, Elijah Ferreira, Arash Shahsavari, Sandra Vikander, Linn Engström, Andreas Syren+Viktor Andersson, Natalja Vessilnova, Elijah Ferrera, Wade Rosco
- 2018: Daniel Thuresson, Olof Ekborg, Philip Arndt, Fredrik Beiron, Johan Björk, Adam Brinkman, Fredrik Kjernald, Karl Svensson.
- 2017: Andrew Nisbet, Leif Schelin, Alex Bergkvist, Sebastian Franzen, Filip Birve
- 2016: Björn Hedner, Nils Wireklint, Emilio Jorge, Pasha Hashemi, Ludvig Vikström, Oskar Lilja, Maja Fahlen
- 2002-2015: Sofia Hjalmarsson, Sebastian Anerud, Susanne Pettersson, Linus Lundin, Johanna Svensson, Patrik Johansson, Viktor Skokic, Johanna Sigmundsdottir, Tobias Abenius, Eric Burlow, Owen Martin, Diane Richardson

6 Relevant Pedagogical Merits

- HEP201, 5hsp, Supervision in Postgraduate Programmes. Fall 2011.
- HEP101, 5hsp, Teaching and Learning in Higher Education. Fall 2014.
Essay: "A personal reflection on the use of the inverted classroom in science education".
- HEP102, 5hsp, Teaching and learning in Higher Education 2: Discipline Specific Pedagogic. Spring 2015.
- HEP103, 5hsp, Teaching and Learning in Higher Education 3: Applied Analysis, Spring 2014.
Essay: "An elaborate reflection of the role of gender in higher education."

7 Service to the profession

Reviewer of Research Grants

- Norska forskningsrådet, 2017-2019
- SSF, 2017, 2019
- National Science Foundation, Division of Mathematical Sciences, 2009. National Cancer Institute, R13 grants, 2008-2010 National Security Agency, Mathematical sciences, 2010. NSERC, 2008

Committees

- External reviewer of applications for lektor position, Umeå 2019, SU 2018.
- External reviewer, promotion application, KTH, 2017.
- External reviewer of applications for tenure track hiring, Uppsala, 2016
- External reviewer of applications for lektor position, Linköping University, 2016
- Ph.D. Committee (last 5 years):
 - 2019: UU, Sahlgrenska
 - 2018: LU*2, SU
 - 2017: SU, KTH
 - 2016: NTNU, LU
 - 2015: UU, Chalmers, Oslo
 - 2014: SLU