

## Curriculum vitae for Tom Britton

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See <https://staff.math.su.se/tom.britton/> for a more detailed CV and full publication list

See <https://www.su.se/english/research/research-groups/su-infdismod-group>, for research group activities

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### Academic degrees:

- Master of Science, Stockholm University, 1990
- PhD, Stockholm University, 1996 (supervisors: A Martin-Löf and Å Svensson)
- Docent degree, Uppsala University, 1999

### Appointments:

2009-current: Holder of the Cramér chair, Math-stat, Stockholm University

2003-2009: Professor (promoted) in Math-stat at Stockholm University

1997-2002: Associate prof (lecturer) in Math-stat at Uppsala University

*Paternity leave*: 5 months in 2002 and 5 months in 2004.

### Long research visits

1996-1997: Post doc with Niels Becker, La Trobe University, Australia

2013 (Jan-Jun): Sabbatical at University of Florida (main collaborator: Ira Longini)

2022 (October/November): Simons Institute, Berkeley. Theme on: Graph limits and processes on networks

2025 (February/March): University of Trento, Italy (host: Andrea Pugliese)

2026: (February/March): University of Melbourne (host: James McCaw)

### Completed PhD supervision last 10 years (main supervisor):

1. Ali Traoré (2016, Un Ouagadougou, Burkina Faso). *Currently*: Associate prof, Un Ouagadougou
2. Jens Malmros (2016, Stockholm Un). *Currently*: Statistical methodologist, Statistics Sweden
3. Desiré Ouedraogou (2017, Un Ouagadougou, Burkina Faso). *Currently*: Associate prof, Un Ouagadougou
4. Kristoffer Spricer (2018, Stockholm Un). *Currently*: Analytic specialist, Tech industry
5. Theresa Stocks (2019, Stockholm Un). *Currently*: AI-industry in Germany
6. Disa Hansson (2019, Stockholm Un.). *Currently*: European Centre for Disease Control (ECDC).
7. Dongni Zhang (2024, Stockholm Un). *Currently*: Post Doc Linköping University.
8. Fanny Bergström (2025, Stockholm Un). *Currently*: Post Doc Oxford University

### Completed Post doc supervision last 10 years:

2014-2016: Federica Giardina. *Current position*: Research Scientist, Erasmus University, Netherlands

2016-2018: KaYin Leung. *Current position*: RIVM (Dutch Public Health Institute), Netherlands

2017-2018: Yun Jun Zhang, *Current position*: Associate prof, University of Beijing, China

2019-2021: Tony Johansson. *Current position*: Lecturer, Chalmers University of Technology, Sweden

2021+2024-2025: Martina Favero. *Current position*: Lecturer, Stockholm University.

2021-2023: Felix Günther. *Current position*: Senior statistician. Robert Coch Institute, Germany.

2023-2024: Mohamed El Khalifi. *Current position*: Senior lecturer, Fez University, Morocco

**Current supervision:** Maddalena Dona + x (Post Doc), starting after summer

### Teaching:

Regular teacher at graduate and undergraduate courses (1-3 courses per year) since 1998

### Publications: (see Google scholar for details)

3 research monographs (2000, 2013 and 2019)

2 undergraduate textbooks in Swedish (2002 and 2008)

About 120 research papers appearing in international peer reviewed journals in the areas of Statistics, Probability, with Applications towards Medicine and biology (many in epidemic modelling and analysis).

**Publication statistics** (Google scholar, April 2, 2026):

h-index: 44 (29 since 2021), i10-index: 101 (60 since 2021), Total Citations: 15467 (5776 since 2021).

**Grants as PI** (last 10 years):

- 7 consecutive project grants from Mathematics Section of the Swedish Research Council (most recent grant: 2026-2028, 320,000€)
- NordForsk (Nordic Research Council) special call for Covid-19 research, 2020-2023, 830,000€
- 2 grants from K&A Wallenberg foundation, Call in Mathematics for Guest Professor, 2017-2018, 30,000€ and 2023-2024, 40,000€
- 2 grants from Riksbankens Jubileumsfond (Swedish Foundation). Most recent grant: 2013-2015: 250,000€

**Conferences and similar:**

- *Frequent invited speaker at conferences/workshops (about 40 last 10 years), including:*  
Workshop on Mathematical approaches of Evolutionary Trees and Networks, Banff, Canada (2017),  
Meeting on Statistical studies of infectious diseases, Oberwolfach (2018 + 2023)  
11'th European Conference on Mathematical and Theoretical Biology, Lisbon (2018)  
Scaling limits of stochastic processes on graphs, Oaxaca, Mexico (2019)  
Workshop on Covid-19 modelling, Isaac Newton Institute Cambridge (2020, virtual),  
Simons institute theme on graph limits and processes on graphs, Introductory lectures, (Berkeley, 2022)  
Mathematical models in Ecology and Evolution (MMEE), (Vienna, 2024). Plenary speaker  
Isaac Newton Institute, workshop on Pandemic preparedness (Cambridge 2024)  
Workshop on Social contacts for epidemic modeling, Paris December 2025

- *Departmental talks (about 45 last 10 years) including:*

Athens, Berkeley, Bilbao, Cambridge, Columbia (NY), Duke, Harvard, Institut Mittag-Leffler, Los Alamos, Marseille, Univ Melbourne, One world probability seminar (virtual), Princeton, Stanford, Uppsala, Yale.

- *Outreach*

Gave a 35 minute math-lecture on "Epidemic modelling and covid-19". Over 100k views on YouTube!

- *Summer schools*

Invited lecturer at summer schools/similar in the following countries last 10 years: Belgium, China, Finland, Germany, Italy, Morocco, Netherlands, Senegal, Sweden (twice), Switzerland, USA (10 times),

- *Frequent organizer of workshops and conferences, 12 times last 10 years, including:*

Scientific Committee for ECMTB 2018, Lisbon,  
Organizer of three 5-day international workshops: Sweden 2015 and 2023, France 2020  
Organizer of 4-week program "Unifying epidemiological and evolutionary dynamics", Nordita, Swe, 2023.  
Main organizer of ESPIDAM summer program (6 courses on inf-dis-mod, 95 participants) 2024, 2025, 2026

**Service to the community**

External examiner for about 30 PhD theses/grant applications/academic positions last 10 years in the following countries: Belgium, Estonia, Finland, France, Mauritius, Netherlands, New Zealand, Saudi Arabia, Switzerland, Sweden, UK, USA.

**Miscellaneous:**

- 2022 – current: Associate editor for *JRSS A*
- 2020 – current: Academic editor for *PLoS Computational Biology*
- 2019 – 2022: Chairman of Cramér Society (Swedish Society for Academic Statisticians)
- 2018 – 2023: Dean, Mathematics and Physics, Stockholm University (30% appointment)
- 2010 - current: Associate editor for *Journal of Mathematical Biology*
- 2010-2017: Head, Department of Mathematics, Stockholm University
- Thesis supervisor for approximately 25 master students
- Referee for 5-10 papers per year in various journals