

Curriculum Vitae (max. 2 pages)

PERSONAL INFORMATION

Name: Francesco C. Stingo

Date of birth: [REDACTED]

Web site: <https://sites.google.com/site/fcstingo/>

Nationality: [REDACTED]

EDUCATION

2010 **Ph.D., Statistics**, Department of Statistics, University of Florence, Italy.

Advisor : Giovanni Marchetti. Co-advisors: Elena Stanghellini and Marina Vannucci.

2006 **M.S., Statistics and Computer Science**, University of Perugia, Italy.

CURRENT POSITION(S)

2019 - **Associate Professor** , Department of Statistics, University of Florence
Florence, Italy.

2019 - **Adjunct Associate Professor**, Department of Statistics, Rice University, Houston, USA.

PREVIOUS POSITIONS AND FELLOWSHIPS

2016 - 2019 **Assistant Professor** , Department of Statistics, University of Florence
Florence, Italy.

2011 - 2016 **Assistant Professor**, Department of Biostatistics, University of Texas MD Anderson
Cancer Center, Houston, USA.

2010 - 2011 **Postdoctoral Fellow**, Department of Statistics, Rice University, Houston, USA.

HONORS AND AWARDS

2011 **Best Ph.D. dissertation** in Applied Statistics 2009–2010, Italian Statistical Society.

PROJECT COORDINATION

2016 - 2019 **Principal Investigator** MIUR: “Rita Levi Montalcini” award for young researchers
“Understanding genomic networks in pan-cancer and multi-platform data: novel Bayesian
methods for multiple and matrix-variate networks”

2015 - 2016 **Principal Investigator** of the seed grant “Statistical approaches for the analysis of
pan-cancer networks”, supported by the Mike Hogg Foundation, USA.

2013 - 2016 **Co-director** of the Biostatistics and Bioinformatics team of the Melanoma Moon Shot
program (Md Anderson), USA.

PUBLICATIONS IN MAJOR INTERNATIONAL PEER REVIEWED JOURNALS

(* = corresponding author)

1. Ni, Y., **Stingo, F.C.*** and Baladandayuthapani, V. (2019) Bayesian Graphical Regression. *Journal of the American Statistical Association*, **114(525)**, 184-197.
2. Tayob, N., **Stingo, F.C.**, Do, K.-A., Lok, A.S. and Feng, Z. (2018) A Bayesian screening approach for hepatocellular carcinoma using multiple longitudinal biomarkers. *Biometrics*. **74(1)**, 249-259.
3. Roszik, J., Haydu, L., Hess, K., Oba, J., Joon, A., Siroy, A.E., Karpinets, T.V., **Stingo, F.C.**, Baladandayuthapani, V., Tetzlaff, M., Wargo, J., Chen, K., Forget, M., Haymaker, C.L., Chen, J.Q., Meric-Bernstam, F., Eterovic, A.K., Shaw, K., Mills, G., Gershenwald, J., Radvanyi, L.G., Hwu, P., Futreal, A.P., Gibbons, D.L., Lazar, A., Bernatchez, C., Davies, M.A. and Woodman, S.E. (2016). Novel algorithmic approach predicts tumor mutation load and correlates with immunotherapy clinical outcomes using a defined gene mutation set. *BMC Medicine* **14(168)**, 1–8.
4. Ma, J., **Stingo, F.C.** and Hobbs, B.P. (2016) Bayesian predictive modeling for genomic based personalized treatment selection. *Biometrics*, **72(2)**, 575-583.
5. **Stingo, F.C.**, Chen, Y., Tadesse, M. and Vannucci, M. (2011). Incorporating biological information into linear models: a Bayesian approach to the selection of pathways and genes. *The Annals of Applied Statistics*. 5(3), 1978-2002.

RESEARCH OUTPUT

In summary, my research output includes 70+ articles in international peer-reviewed journals, 3 chapters in international books, 40+ papers/abstracts in international conferences proceedings, and one discussion paper. I have been part of 10+ projects funded by the Ministry of education (MIUR, Italy), National Institute of Health (NIH, USA), the Department of Defense (DOD, USA), or by private/philanthropic organizations. My total number of citations is 1672 and my h-index is 20 (according to Scopus).

INVITED TALKS AND SEMINARS

Since 2011, I have been invited to deliver 50+ lectures and talks (Belgium, Canada, Cyprus, France, Germany, Italy, Japan, Spain, Switzerland, Taiwan, United Kingdom, and USA).

EDITORIAL RESPONSIBILITIES

Associate Editor: *Bayesian Analysis*, *Statistical Methods and Applications*, *Biometrical Journal*. Regular review for major statistical and biostatistical journals.

MENTORING

Supervisor/Co-supervisor of 5 Ph.D. students (Rice University, University of Florence, University of Bologna), and 2 Post-doctoral fellows (MD Anderson).

PROFESSIONAL SERVICE AND OTHER ACTIVITY (SELECTED)

- Member of the Board of the Italian Biometrical Society (branch of the International Biometrical Society) year 2020
- Member of the steering committee (*membro del collegio di dottorato*) of the Ph.D program in “Mathematics, Computer Science, Statistics”, University of Florence (April 2019 - to date)
- External reviewer of Ph.D. thesis in statistics and biostatistics: University of Milan Bicocca, University of Rome “La Sapienza”, University of Perugia, University of Warwick, University College London, University of Oslo.
- Reviewer: research grants “PRIN 2015” and “PRIN 2017” (Ministry of Education, University and Research, Italy), doctoral fellowship (DOC) application at the Austrian Academy of Sciences (2019), research project for a post-doctoral fellowship at the Department of Statistics, University of Padua (2019).
- Hiring committee member for a Assistant Professor of Statistics (RTD-A, SECS-S/01) at the Politecnico di Milano (a.a. 2019/2020)
- Member of the Committee for the *Mitchell Prize* 2020, awarded by the International Society for Bayesian Analysis (ISBA) in recognition of an outstanding paper that describes how a Bayesian analysis has solved an important applied problem.
- Reviewer/Judge: 2015 SBSS Student Paper Competition, 2018 COSTNET *Networking Biostatistics* poster competition, 2018 SIS poster competition.
- Department delegate for global rankings (University of Florence).
- Member of the MD Anderson Data and Safety Monitoring Board (DSMB) committee (2014 - 2016).
- Member of the MD Anderson Biostatistics Faculty Recruitment Committee (2015-2016).
- Member of the interview panel for several junior and senior statistical analyst positions (MD Anderson, 2014 - 2015).
- Member of the MD Anderson Faculty Senate (Sept 2014 - Aug 2017).
- Committee member of the Program Steering Committee for the GSBS Medical Physics Graduate Education Program (2012 - 2014).
- Scientific Committee member of the 12th IBS-Italian Region conference (Naples, July 7-10, 2019)
- Program Committee member of the 13th, 14th, and 15th *International Meeting on Computational Intelligence methods for Bioinformatics and Biostatistics* - CIBB 2016, 2017, 2018.