

PERSONAL INFORMATION**Nuria Oliver**✉ nuria@alum.mit.edu🌐 <http://www.nuriaoliver.com>https://en.wikipedia.org/wiki/Nuria_Oliver<https://www.linkedin.com/in/nuriaoliver/>

Sex Female | Nationality Spanish

WORK EXPERIENCE

- 2017 - Present **Director of Research in Data Science**
[Vodafone Group, Paddington Central, London](#)
 Leadership position to define and carry out the research and innovation agenda in artificial intelligence, intelligent user interfaces and data science at Vodafone globally. Creator of the Big Data for Social Good area at Vodafone
[Business or sector](#) Technology, telecommunications
- 2017 - Present **Chief Scientific Advisor**
[Vodafone Institute for Society and Communications, Berlin, Germany](#)
 Advisory position to the Vodafone Institute to provide feedback on their strategy, vision and agenda. The focus in 2018 is Artificial Intelligence
[Business or sector](#) Non-profit, think-tank
- 2017 - Present **Chief Data Scientist**
[Data-Pop Alliance, New York and Boston, USA](#)
 Strategic and technical leadership position in Data-Pop Alliance to provide technical feedback in the projects carried out by this NGO, give presentations, participate in research projects centered around Big Data and Artificial Intelligence for Social Good and to promote women empowerment projects and activities aimed at inspiring girls and female teenagers to pursue careers in technology
[Business or sector](#) Non-profit, think-tank
- 2007 - 2016 **Scientific Director**
[Telefonica R&D, Barcelona, Spain](#)
 Founder of an internationally recognized research team in the areas of mobile and ubiquitous computing, statistical machine learning, recommender systems and personalization, multimedia data analysis, human-computer interaction and Big Data analytics. Co-founder of the research organization within Telefonica R&D. Several of the projects in my team were transferred to products. I created the Big Data for Social Good area at Telefonica and one of the projects from my team led to the creation of a new company, Telefonica Alpha
[Business or sector](#) Research Center, telecommunications
- 2000 - 2007 **Researcher**
[Microsoft Research, Redmond, WA, USA](#)
 Researcher in statistical machine learning, multi-modal user interfaces, intelligent user interfaces, wearable physiological monitoring and mobile computing. Worked with Dr. E. Horvitz and Dr. M. Czerwinski
[Business or sector](#) Technology
- 1995 - 2000 **Research Assistant**
[Massachusetts Institute of Technology \(MIT\), Cambridge, MA, USA](#)
 Research Assistant in statistical machine learning, perceptual computing, pattern recognition, perceptual intelligence, computer vision and wearable computing. Worked with Prof. A. Pentland (thesis director)
[Business or sector](#) Academia
- 1999 (1 month) **Visiting Researcher**
[GMD First \(today Fraunhofer Institute\), Berlin, Germany](#)
 Research with Dr. B. Schölkopf and Dr. A. Smola on kernel methods, regularization theory and information geometry
[Business or sector](#) Research Center
- 1994 - 1995 **Software Engineer**
[Telefonica R&D, Madrid, Spain](#)
 Designed a system for monitoring traffic through telecommunication networks
[Business or sector](#) Research Center, telecommunications
- 1992 - 1993 (two summers) **International Student Circle Fellow – Intern**
[Siemens R&D, Munich, Germany](#)
 Parsers, grammars, compiler evaluations and contributions to the EU ESPRIT project called “Benchmarking for embedded control and real-time applications”
[Business or sector](#) Research Center, technology

EDUCATION AND TRAINING

1995 - 2000 PhD with Honors in Media Arts and Sciences

Massachusetts Institute of Technology (MIT)

- Thesis: "Towards Perceptual Intelligence: Statistical Modeling of Human Individual and Interactive Behaviors" Thesis Director: Prof. Alex (Sandy) Pentland
- Expertise in machine learning and intelligent user interfaces applied to build smart rooms, smart cars and smart clothes

1988 - 1994 Superior Degree in Telecommunications Engineering (6 years)

M.Sc./B.Sc. equivalent with Honors in Telecommunications Engineering

Polytechnic University of Madrid (UPM)

- Majors in Signal Processing and Telematics
- GPA: 9.2 / 10
- First National Prize of Telecommunications Engineers (#1 in Spain)
- First Prize of Telecommunications Engineers at UPM (#1 of class)

PERSONAL SKILLS

Communication skills

Leadership / entrepreneurial/ tech transfer

- Excellent communication skills as shown by more than **140 keynote speeches and over 200 media appearances in both Spanish and international media**
- Leader of a team of 8 undergraduate students as part of my PhD thesis work at MIT
- Created software to automatically recognize facial expressions in real time that was **licensed** to Nokia in 1997
- Managed PhD interns while at Microsoft Research
- MPTrain/TripleBeat project was shown live in ABC Good Morning America and have served as inspiration to companies that commercialize similar ideas, such as TempoRun.
- The work presented at the SIGGRAPH'01 paper entitled "Image Analogies" has been foundational in the creation of a new area known as "Image Analogies" and to **startups** such as Prisma
- **Founder and leader** of a team of 10-15 researchers at Telefonica R&D (2007-2016) and co-founder of the Research organization at Telefonica R&D. Responsible for defining the research areas and processes, establishing a PhD internship program, carrying out research projects, publishing and patenting
- Extensive experience in **technology transfer** and **intrapreneurship**. Algorithms developed by my team at Telefonica R&D were transferred to products at Telefonica, including new methods to characterize human mobility and for automatically determining land use; speech recognition using deep learning; providing friend search and recommendation for Tuenti (online social network owned by Telefonica); recommending mobile apps in Mozilla's marketplace; automatically inferring credit scores from mobile data usage and automatically determining the best time to deliver notifications (smart notifications)
- Research leadership of a project on mobile data and health which was foundational to the **creation** of a new **company** within the Telefonica Group (Telefonica Alpha)
- Foundational work in **mobile personal data markets** and monetization at the Mobile Territorial Lab which has contributed to the creation of the Data Transparency Lab, an international initiative to foster transparency in the use of personal data.
- Leader and creator of the **Big Data for Social Good** research area at Telefonica and at Vodafone. Collaborations with United Nations, the Mexican Government, the World Food Programme, the Data Pop Alliance, Flowminder, the GSMA, the Bill and Melinda Gates Foundation, among others.
- First Chief Data Scientist in **Data-Pop Alliance**, an **NGO** focused on the use of Big Data and Artificial Intelligence techniques for positive social impact, promoting economic development and data literacy
- **Leader and founder** of the research activities in Data Science at Vodafone globally, including the research projects of the data scientists in the global Data Science organization. Responsible for defining the research areas and processes, establishing a PhD internship program, carrying out research projects, publishing and fostering patents
- Facilitator by the Oxford Leadership Academy and speaker in Oxford's Fintech online course
- **Co-organizer** of the first TEDxBarcelona event devoted to emerging education with ~1400 attendees; of a multi-disciplinary conference on aging with ~1200 attendees; and of a multi-disciplinary conference on Artificial Intelligence with ~1200 attendees
- Extensive experience in a **co-chair** role of **18 ACM/IEEE/EAI scientific conferences**, including being general co-chair of ACM IUI 2020, ACM MobileHCI 2018, EAI PervasiveHealth 2017, EAI MindCare 2016, Int Conf on User Modeling (today ACM UMAP) 2011
- Co-founder of an award winning team in Microsoft's Puzzle Hunt competition

Social Impact

- I devote significant time and effort to outreach in science and technology and to inspire children and teenagers – specially girls—to pursue STEM careers, as reflected in over 200 press, radio and television articles; my talks to **~7000 teenagers** to share with them my professional path and encourage them to study a STEM career (including a talk within the Ingenious! European Project) and talks to the general public, such as talks at TEDx, WIRED, BDigital Global Congress and BPW Connecting Plus
- I serve in the external advisory board of five European universities, research institutions and the Spanish Government (see below)
- My interest in technology and education, has lead me to be co-organizer of the first TEDx Barcelona in 2015 devoted to emergent education with over 1400 (online and onsite) participants, advocate a curriculum of Computational Thinking from primary to high school, author of a chapter in the book “Digital natives do not exist” (Deusto 2017) and speaker at the Spanish Senate (1998).
- I have authored of several articles for TechCrunch, the Guardian, India Economic Times and EL PAIS. My article on “the future of the mobile phones” was among the **10 most read technology articles** in EL PAIS in 2015.
- I have been named **the fifth most influential female** in Big Data in the world by Onalytica (2017); one of the **top 11 Artificial Intelligence Influencers worldwide** by PioneeringMinds (2017); one of **Spain’s wonderful minds in technology** by EL PAIS (2017); **a female pioneer** in high level management by EL PAIS (2018); a top female director in Spain (Glamour magazine, 2015; El PAIS Semanal magazine, 2013); one of ‘13 young Women with most influence in Spain’ and a remarkable scientist (Mujer Hoy magazine, 2012 and 2010); one of ‘**100 leaders for the future**’ (Capital, 2009); and one of ‘Las Top100’ (2016, 2018), among other distinctions.

PUBLICATIONS

Best paper awards and nominations

- **Special Mention Award from the Pattern Recognition Society as an Outstanding Publication:** “*LAFTER: A Real-time Face and Lips Tracker with Facial Expression Recognition*” **Oliver, N.**, Pentland, A. and Berard, F. Pattern Recognition 33 (8), 1369-1382, 2000
- **Best Paper Award:** “*CLIMF: Learning to Maximize Reciprocal Rank with Collaborative Less-is-more Filtering*” Shi, Y., Karatzoglou, A., Baltrunas, L., Larson, M., **Oliver, N.** and Hanjalic, A. (2012) Proceedings of 6th ACM Int. Conf. on Recommender Systems (ACM RecSys’12), Dublin, Sept 2012
- **Best Paper Award:** “*Money Walks: A Human-Centric Study on the Economics of Personal Data*” Staiano, J., **Oliver, N.**, Lepri, B., Oliveira, N., Caraviello, M. and Sebe, N. Proceedings of ACM Int. Conf. on Ubiquitous Computing (ACM Ubicomp’14). Seattle. Sept 2014
- **ACM ICMI Ten Year Technical Impact Award:** “*Layered representations for human activity recognition*”, **Oliver, N.**, Horvitz, E. and Garg, A. Proceedings of IEEE Int. Conf. on Multimodal Interfaces (ICMI’02), 3-8, 2004
- **Best Paper Award:** “*When attention is not scarce: Detecting boredom from mobile phone usage*” Pielot, M., Dingler, T., San Pedro, J. and **Oliver, N.** Proc. of ACM Int. Joint Conf. on Pervasive and Ubiquitous Computing (ACM Ubicomp’15), Osaka. Sept 2015
- **Nominated to Best Paper Award. Best Presentation Award:** “*Lafter: Lips and face real time tracker*”, **Oliver, N.**, Pentland, A.P., and Berard, F. Proceedings of IEEE Computer Vision and Pattern Recognition (CVPR’97), 1997, 123-129, 1997
- **Nominated to Best Paper Award:** “*MPTrain: A Music and Physiology-based Personal Trainer on your Mobile Phone*” **Oliver, N.** and Flores-Mangas, F. Proceedings of ACM Int. MobileHCI’06, 21-28, Helsinki, Iceland, Sept 2006
- **Nominated to Best Paper Award:** “*Text versus Speech: A Comparison of Tagging Input Modalities for Camera Phones*”, Cherubini, M., Anguera, X., **Oliver, N.** and Oliveira, R., Proc. ACM Int. Conf. on Mobile HCI (ACM MobileHCI’09), Bonn, Germany, Sept 2009
- **Nominated to Best Paper Award:** “*Understanding Near-Duplicate Videos: A User-Centric Approach*”, Cherubini, M., Oliveira, R. and **Oliver, N.** (2009), Proceedings ACM Int. Conf. on Multimedia (ACM MM’09), Beijing, China, Oct 2009
- **Nominated to Best Paper Award:** “*Social Tagging Revamped: Supporting the Users’ Need of Self-promotion through Persuasive Techniques*”, Cherubini, M., Gutierrez, A., Oliveira, R. and **Oliver, N.** (2010), Proceedings ACM Int. Conf. on Human Factors in Computing Systems (ACM CHI’10), Atlanta, US, April 2010
- **Nominated to Best Paper Award:** “*Multiverse Recommendation: N-dimensional Tensor Factorization for Context Aware Collaborative Filtering*” Karatzoglou, A., Amatriain, X., Baltrunas, L. and **Oliver, N.** (2010) Proceedings of ACM Int. Conf. on Recommender Systems (ACM RecSys’10), Barcelona, Sept 2010

Selection of
publications
(20 most cited)

More than **180 publications**, which have been cited more than **15000 times** according to Google Scholar: <http://tinyurl.com/q3h5sgr>. According to Google Scholar would be one of the most cited female computer scientists in Spain.

"A Bayesian computer vision system for modeling human interactions", **Oliver, N.**, Rosario, B. and Pentland, A.P. Pattern Analysis and Machine Intelligence, IEEE Transactions on 22 (8), 831-843 [cited by 1812]

"Image analogies", Hertzmann, A., Jacobs, C.E., **Oliver, N.**, Curless, B., and Salesin, D.H. Proceedings of 28th ACM Int. Conf. on Computer Graphics and Interactive Techniques (SIGGRAPH'01), 2001, 327-340 [cited by 1591]

"Coupled hidden Markov models for complex action recognition", Brand, M., **Oliver, N.** and Pentland, A.P. Proceedings of IEEE Int. Conf. on Computer Vision and Pattern Recognition (CVPR'97), 1997, 994-999 [cited by 1286]

"Multiverse recommendation: n-dimensional tensor factorization for context-aware collaborative filtering", Karatzoglou, A., Amatriain, X., Baltrunas, L., and **Oliver, N.** Proceedings of the 4th ACM Conference on Recommender Systems (RecSys'10), 2010, 79-86 [cited by 578]

"Layered representations for learning and inferring office activity from multiple sensory channels", **Oliver, N.**, Garg, A. and Horvitz, E. Computer Vision and Image Understanding 96 (2), 163-180 [cited by 407]

"Layered representations for human activity recognition", **Oliver, N.**, Horvitz, E. and Garg, A. Proceedings of 4th IEEE Int. Conf. on Multimodal Interfaces (ICMI'02), 3-8, 2002, **ACM ICMI Ten Year Technical Impact Award** [cited by 392]

"Lafter: Lips and face real time tracker", **Oliver, N.**, Pentland, A.P., and Berard, F. Proceedings of IEEE Computer Vision and Pattern Recognition (CVPR'97), 1997, 123-129 [cited by 361]

"Graphical models for driver behavior recognition in a smartcar", **Oliver, N.** and Pentland, A.P. Proceedings of IEEE Intelligent Vehicles Symposium (IV'00), 2000, 7-12 [cited by 307]

"HealthGear: a real-time wearable system for monitoring and analyzing physiological signals", **Oliver, N.** and Flores-Mangas, F. Proceedings of IEEE Int. Symposium on Wearable and Implantable Body Sensor Networks (BSN'06), 2006, 4 [cited by 273]

"Sensing and Predicting the Pulse of the City through Shared Bicycling" Froehlich, J., Neumann, J. and **Oliver, N.** Proceedings of Int. Joint Conf. on Artificial Intelligence (IJCAI'09), 2009, 1420-1426 [cited by 239]

"CLiMF: Learning to Maximize Reciprocal Rank with Collaborative Less-is-more Filtering" Shi, Y., Karatzoglou, A., Baltrunas, L., Larson, M., **Oliver, N.**, and Hanjalic, A., Proceedings of ACM Int. Conf. on Recommender Systems (RecSys'12), 2012, 139-146 **Best paper award** [cited by 235]

"Data mining methods for recommender systems" Amatriain, X., Jaimes, A., **Oliver, N.**, and Pujol, J.M., Chapter in the book "Recommender Systems Handbook", 2011, 39-71 [cited by 207]

"Lafter: A real-time face and lips tracker with facial expression recognition", **Oliver, N.**, Pentland, A.P., and Berard, F. Pattern Recognition 33(8), 1369-1382 **Winner of the Special Mention Award from the Pattern Recognition Society as an Outstanding Publication** [cited by 192]

"MPTrain: a mobile, music and physiology-based personal trainer", **Oliver, N.** and Flores-Mangas, F. Proceedings of the 8th ACM Conference on Human-computer Interaction with Mobile Devices and Services (MobileHCI'06), 2006, 21-28 **Nominated to Best Paper Award** [cited by 182]

"I like it...I like it not: Evaluating user ratings noise in recommender systems" Amatriain, X., Pujol, J.M. and **Oliver, N.**, Proceedings of Int. Conf. on User Modeling, Adaptation and Personalization (UMAP'09), 2009, 247-258 [cited by 168]

"Curve Analogies" Hertzmann, A., **Oliver, N.**, Curless, B., Seitz, S., Proceedings of ACM Int. Conf. on Computer Graphics and Interactive Techniques (ACM SIGGRAPH'02), 2002, 233-246 [cited by 163]

"The Wisdom of the Few: a Collaborative Filtering Approach based on Expert Opinions from the Web" Amatriain, X., Lathia, N., Pujol, J.M., Kwak, H. and **Oliver, N.**, Proceedings of ACM Int. Conf. on Recommender Systems (RecSys'09), 2009, 532-539 [cited by 154]

"TripleBeat: Enhancing Exercise Performance with Persuasion" de Oliveira, R., and **Oliver, N.**, Proceedings of ACM Int. Conf. on Human-computer Interaction with Mobile Devices and Services (MobileHCI'08), 2008, 255-264 [cited by 133]

"Rate it again: increasing recommendation accuracy by user re-rating" Amatriain, X., Pujol, J.M., Tintarev, N. and **Oliver, N.**, Proceedings of ACM Int. Conf. on Recommender Systems (RecSys'09), 2009, 173-180 [cited by 127]

"Once upon a crime: towards crime prediction from demographics and mobile data" Bogomolov, A., Lepri, B., Staiano, J., **Oliver, N.**, Pianesi, F. and Pentland, A., Proceedings of ACM Int. Conf. on Multimodal Interaction (ICMI'14), 2014, 427-434 [cited by 114]

TALKS, SERVICE, PATENTS, AWARDS

Keynote talks More than **140 invited talks** in national and international technology and scientific ACM/IEEE conferences, and in conferences or events organized by the European Commission, United Nations, the European Academies of Sciences, the GSMA, the ITU, WIRED, OECD/PARIS 21 and the Spanish Government, among others.
A complete list can be found here: <http://www.nuriaoliver.com/invitedtalks.htm>

Patents Named inventor of **40 filed/granted** patents. Full list here: <http://www.nuriaoliver.com/patents.htm>

Media Coverage My profile, my work and my team's work have been featured in more than **200 national and international media articles** (press, radio, TV and digital media), such as BBC News, WIRED, MIT Technology Review, The Economist, India Times, the Guardian, El PAIS, El Mundo, Actualidad Económica, Revista Capital, RTVE, RNE, Expansión, MUY INTERESANTE, National Public Radio and ABC Good Morning America.
A complete list of media coverage can be found here: <http://www.nuriaoliver.com/press.htm>

Honours and awards Only female computer scientist in Spain to be an ACM Fellow and a member of the Spanish Royal Academy of Engineering

- 2018 **Engineer of the Year** by the Spanish Official Association of Telecommunication Engineers
- 2018 **Honorary Doctorate** from the University Miguel Hernandez (Spain)
- 2018 Member of the **Academia Europaea**
- 2018 Elect member of the **Spanish Royal Academy of Engineering**
- 2018 Top100 Award in the Academics and Scientists Category
- 2018 FIUM Award by the Informatics Department of the University of Murcia
- 2018 Outstanding Professional of the Year award by the Valencian Association of Telecommunication Engineers
- 2017 Award to Professional Excellence by the Rotary Club Alicante Puerto (Spain)
- 2017 **ACM Fellow**
- 2017 **Medal** to Business and Social Merit by the **Government** of Valencia
- 2017 EVAP Diversity Award
- 2017 **IEEE Fellow**
- 2016 IMPORTANTE award by Informacion
- 2016 **Spanish National Computer Science Award** (Angela Ruiz Robles category)
- 2016 **European Digital Woman of the Year**
- 2016 **Fellow of the European Association of Artificial Intelligence**
- 2016 Top100 Award in the Academics and Scientists Category
- 2016 Gaudi Gresol Award to Excellence in Science and Technology
- 2016 Ada Byron Award by University of Deusto (Spanish National Award)
- 2015 ACM Ubicomp Best Paper Award
- 2015 Salvà i Campillo Award to 2015 most outstanding technology professional
- 2015 ACM Distinguished Scientist
- 2015 ICT Woman 2015 (by the Catalan Government)
- 2014 **ACM ICMI Ten Year Technical Impact Award**
- 2014 ACM Ubicomp Best Paper Award
- 2012 ACM RecSys Best Paper Award
- 2009 Rising Talent by the Women's Forum for the Economy and Society
- 2004 **MIT TR100 (today TR35) Young Innovator Award by MIT Technology Review**
- 2000 Special Mention Award from the Pattern Recognition Society for an Outstanding Publication
- 1997-98 Motorola Fellow
- 1995-97 "La Caixa" Foundation Fellow
- 1994 **First National Prize of Telecommunication Engineers**
- 1994 First Prize of Telecommunications Engineers at the ETSIT in UPM
- 1992-94 Siemens International Student Circle Fellow

Advisory Positions

Member of a High-Level Advisory Board to the **Spanish Government** regarding Spain's strategic plan in Scientific and Technology Research and Innovation (2017-2020)
Member of a High-Level Expert Group to advise the **Spanish Government** Secretary of State in Digital Agenda to draft a white paper on **Artificial Intelligence and Big Data** (2017-18)
Chief Scientific Advisor at the Vodafone Institute (2017-present)
Advisor to the **Spanish Royal Academy of Engineering** on Digital Technologies (2018-present)
Advisor to **Mahindra Comviva** (2018-present)
Member of the Global Future Council on New Metrics at the **World Economic Forum** (2018-present)
Member of the **external scientific or industrial advisory board** of:

- ETIC Department of the Univ Pompeu Fabra (2013-present);
- Universidad Oberta Catalunya (UOC) Proyecto Avanza del Instituto Interdisciplinario de Internet (2009) and eHealth Center (2017 - present);
- Bachelor's degree in Data Science at the University Carlos III (2017)
- LASIGE department at the University of Lisbon (2017 - present);
- Informatics department at Kings College, London (2018 - present)
- CITIX in La Coruña (2018 - present)

Memberships

- ACM, IEEE, AEPIA, COIT
- Academic elect to the Spanish Royal Academy of Engineering
- Member of the Academia Europaea
- Honorary professor at the University of Alicante
- Honorary member of the Professional College of Doctors of Alicante

Professional Service

Co-chair: 18 conferences (ACM/IEEE/IJCAI)

General Conference: Int. Conf. on User Modeling and Adaptation (UMAP) 2011 (today ACM UMAP); EAI Mindcare 2016; EAI Pervasive Health 2017; ACM SICHI MobileHCI 2018, ACM SIGCHI IUI 2020

Technical Program: ACM SICHI International Conference on Intelligent User Interfaces (IUI) 2009; ACM International Conference on Multimedia Information Retrieval (MIR) 2010

Track: ACM Int. Conf. on WWW 2013; ACM Int. Conf. on Multimedia (MM) 2014 ; IEEE Mobile Data Management 2016; ACM Digital Health 2016; ACM Int. Conf. on Multimedia (MM) 2017

Area: ACM SIGCHI Int. Conf. on Multimodal Interfaces (ICMI) 2012

Industry day: Int Joint Conference on AI (IJCAI) 2011

Doctoral symposium (founder): ACM SIGCHI Int. Conf. on Intelligent User Interfaces (IUI) 2012

Sponsorship: ACM Int. Conf. on Multimodal Interfaces (ICMI) 2011, ACM TheWeb 2019

Demo: IEEE Int. Conf. on Data Mining (ICDM) 2016

Member of the Program Committee (list only for 2014-2018)

ACM SIGCHI IUI 2014-18; ACM SIGCHI RecSys 2014-18; ACM SIGCHI MobileHCI 2015-17; ACM SIGCHI Ubicomp/IMWUT 2014-18; ACM WWW 2014, 2016-18; ACM DH 2015-17; IEEE ICASSP 2014; AAAI ICWSM 2014-16; IEEE IWMV 2014; ECML-PKDD 2015; UMAP 2015; IEEE SmartCities 2015; ACM CIKM 2017; Netmob 2015; UAI 2014-17; AAAI 2014-18; ACM SIGIR 2018

Member of Scientific Committees and Editorial Boards

Member of the Editorial Board of ACM Transactions on Multimedia; TELOS magazine; Frontiers of Digital Health and Foundations and Trends in HCI; IEEE Transactions on Computational Systems; IEEE Pervasive Computing (special issue on Conversational Interfaces)

Member of the PhD thesis committee of Jose Luis Landabaso (UPC'08), Pere Obrador (UPC'11), Juan Pablo Carrascal (UPF'15), Ruth Garcia Gavilanes (UPF'15), Janette Lehman (UPF'15), Albert Armisen (ESADE'17) and Taras Agryzkov (UA'18) among others

Member of the ACM SIGCHI IUI oversight committee created in 2012 and commissioned to provide recommendations to the SIGART and SIGCHI leadership on how best to evolve the structure of IUI to help it continue to be a strong and successful conference

Member of the ACM KDD Doctoral Thesis award selection committee (2017)

Collaboration in Oxford's Fintech online course

Reviewer for ERC starter grants

Member of the jury of the MIT TR35 Young Innovator Award (Europe and Latam editions)

Member of the ethics panel of Orange D4D (2015)

Research affiliate (2015) and Chief Data Scientist (2016-present) at DataPopAlliance