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EDUCATION

2012	PhD	Epidemiology / Public Health	Lorraine University/EHESP, Rennes, France
2008	MSc	Bio-contaminants risk assessment	AgroParisTech, Paris, France
2006	State Engineer	Food & Agricultural technologies	Agronomic & Veterinary Institute, Morocco

RESEARCH & PROFESSIONAL EXPERIENCE

09/2018 -	Assistant Professor	Department of Biostatistics and Epidemiology, School of Public Health and Health Sciences, UMASS - Amherst
02/2015 -	Research Scientist	Environmental and Occupational Medicine & Epidemiology Program, Harvard T.H. Chan School of Public Health, Boston.
09/2014 -	Adjunct Epidemiologist	Department of Psychiatry, McGill University, Montreal, Quebec, Canada
06/2012 - 09/2014	Postdoctoral Fellow	Department of Environmental and Occupational Health, Université de Montréal, Canada.
2011	Visiting Fellow	Exposure, Epidemiology & Risk program, Harvard T.H. Chan School of Public Health, Boston.
2008 – 2012	Doctoral Fellow	EHESP - French National School of Public Health, Rennes.
2008	Research trainee	Joint team bioMérieux-CEA (Atomic Energy Commission), Grenoble, France.
2007	Food Safety Manager	Morocco Gum Industry, Sidi Slimane, Morocco
2005 – 2006	Research engineer	Olive oil research center - Agropole, Meknes, Morocco.

HONORS & AWARDS

2019	Outstanding Abstract award, International Society for Environmental Epidemiology, Utrecht, Netherlands
2018	Dean's innovation award, Harvard T.H. Chan School of Public Health
2014	Research excellence fellowship, Canadian Institutes of Health Research (ranked 3/138).
2014	Research excellence grant, Sainte-Justine Foundation
2014	CIHR travel award, Canadian Institutes of Health Research
2014	Publication award, Canadian Institutes of Health Research
2012	PhD diploma, Highest honors with unanimous congratulations from the jury
2011	Travel award for a scientific stay, EHESP doctoral network
2009	PhD Award of excellence of the French Ministry of Higher Education and Research
2006	Engineering degree, Highest Honors with unanimous congratulations from the jury, and recommendation for the publication of the thesis work

FUNDING

Current funding

Harvard T. H. Chan School of Public Health. Role: Co-Principal Investigator **06/2018 – 12/2019**
Solid Fuel Use and child development in Low- and Middle- income countries: Multiple Indicators Cluster Surveys.

Canadian Institutes of Health Research. Role: Co-Investigator **10/2017 - 09/2023**
The ReachforWater (VisezEau®) Intervention Trial in Primary School: shifting towards normalization of non-bottled tap water consumption for preventing overweight and obesity.

Singapore National Science Foundation. Role: Co-Investigator **06/2020 – 12/2021**
Preconceptional concentrations of locally-relevant PFAS compounds and pregnancy and child outcomes

Pending Research Support

NIH/NIEHS: R01. Role: Principal Investigator **07/2020 – 06/2025**
A targeted approach to investigate effects of multiple modifiable environmental factors on autistic traits.

NIH/NIEHS: R01. Role: Co-Investigator **04/2020 – 03/2025**
Pesticide exposure, paraoxonase 1 enzyme activity and human reproductive health.

The Research Council of Norway. Role: Co-Investigator **12/2020 – 11/2024**
Scaling Up Strategies to Protect Neurodevelopment in a Polluted World.

Completed Research Support

NIH/NIEHS: R01 ES021993. Role: Research Associate **09/2012 – 07/2018**
Immunotoxicity in Humans with Lifetime Exposure to Ocean Pollutants.
Canadian Institutes of Health Research. Role: Principal Investigator **09/2015 - 04/2017**
Exposure to environmental pollutants in utero and children's neurodevelopment at 3 years of age.
Sainte Justine Foundation. Role: Principal investigator **09/2014-09/2015**
Exposure to Air pollution during pregnancy and children's neurodevelopment.
Health Canada. Role: Co-Investigator **09/2013-01/2014**
Potential associations between blood selenium and type II diabetes among Canadian adults.

PROPOSAL-RELATED ARTICLES IN PEER-REVIEWED JOURNALS. *denotes supervised students

1. Xiao C*, Grandjean P, Valvi D, Nielsen F, Kold Jensen T, Weihe P, **Oulhote Y**. Associations of exposure to perfluoroalkyl substances with thyroid hormone concentrations and birth size. J Clin Endocrinol Metab. 2019. Accepted for publication.
2. Eryasa B*, Grandjean P, Nielsen F, Valvi D, Zmirou-Navier D, Sunderland E, Weihe P, **Oulhote Y**. Physico-chemical properties and gestational diabetes predict transplacental transfer and partitioning of perfluoroalkyl substances. Environ Int. 2019;130:104874.
3. **Oulhote Y**, Coull B, Bind MA, Debes F, Nielsen F, Tamayo I, Weihe P, Grandjean P. Joint and independent neurotoxic effects of early life exposures to a chemical mixture: A multi-pollutant approach combining ensemble learning and Gcomputation. Environmental Epidemiology. 2019 ;3(5) :pe063
4. Shelly C*, Grandjean P, **Oulhote Y**, Plomgaard P, Frikke-Schmidt R, Nielsen F, Zmirou-Navier D, Weihe P, Valvi D. Early Life Exposures to Perfluoroalkyl Substances in Relation to Adipokine Hormone Levels at Birth and During Childhood. J Clin Endocrinol Metab. 2019;104(11):5338-5348.
5. Timmermann CAG, Pedersen HS, Budtz-Jørgensen E, Bjerregaard P, **Oulhote Y**, Weihe P, Nielsen F, Grandjean P. Environmental chemical exposures among Greenlandic children in relation to diet and residence. Int J Circumpolar Health. 2019;78(1):1642090.
6. Liew Z, Goudarzi H, **Oulhote Y**. Developmental Exposures to Perfluoroalkyl Substances (PFASs): An Update of Associated Health Outcomes. Curr. Environ. Health Rep. 2018;5(1):1-19.
7. **Oulhote Y**, Shamim Z, Kielsen K, Weihe P, Grandjean P, Ryder LP, Heilmann C. Children's white blood cell counts in relation to developmental exposures to methylmercury and persistent organic pollutants. Reprod Toxicol. 2017 Mar;68:207-214.
8. Valvi D, **Oulhote Y**, Weihe P, Dalgard C, Bjerve KS, Steuerwald U, Grandjean P. Gestational diabetes and offspring birth size at elevated environmental pollutant exposures. Environ Int. 2017;107:205-15.
9. Karlsen M*, Grandjean P, Weihe P, Steuerwald U, **Oulhote Y**, Valvi D. Early-life exposures to persistent organic pollutants in relation to overweight in preschool children. Reprod Toxicol. 2017;68:145-53.
10. **Oulhote Y**, Steuerwald U, Debes F, Weihe P, Grandjean P. Behavioral problems in 7- year old Faroese children in relation to pre- and postnatal exposure to perfluorinated alkyl substances. Environ Int 2016 ;97:237-245.

A complete list of publications can be found at:
https://www.ncbi.nlm.nih.gov/sites/myncbi/youssef.oulhote.1/bibliography/49670070/public/?sort=date&direction=descending

INVITED WORKSHOPS

2019	Machine learning and risk factor epidemiology	National Institute of Environmental Health Sciences, Environmental Epidemiology of Autism Risk Network
2019	Causal Inference and Ensemble Learning for multiple exposures	School of health engineering and management, University of Lille, Lille, France
2018	Machine learning and causal inference for health data	International Society for Environmental Epidemiology, Ottawa, Canada
2016	Novel methods for mediation analyses	International Society for Environmental Epidemiology, Roma, Italy
2013	Structural Equations Modeling	Department of Environmental and Occupational Health, EHESP-French National School of Public Health, Rennes, France
2011	X-Ray techniques for chemicals	International Society of Exposure Science, Baltimore, USA

STUDENTS' SUPERVISION *denotes UMASS students and # denotes current trainees.

Postdocs: Diana Miconi[#], Jose-Ignacio Nazif-Munoz. **PhDs:** Nicole Fields[*#], Michael Mascari[*#], Alvaro Castro Rivadeneira[*#], Xian Ma[*#], Chrissie Ferreira De Carvalho, Katia Sokoloff, Abderrahmane Yaakoubi. **Master:** Andrea Rodriguez-Sanchez[*], Kathryn Wagner[*], Brielle Engelbrecht[*], Juwel Rana[#], Christina Xiao[#], Mireille Desrochers-Couture[#], Colleen Shelly, Linnea Lanzky, Juliane Knop, Berrak Eryasa, Martina Karlsen, Yacine El Bouhairi.

SERVICE.

Expert. 2020. African Union SRIC Taskforce on the development of the COVID-19 Pandemic Modelling
Expert. 2017-2021. *French National Agency for Food, Environmental and Occupational Health & Safety (ANSES).*

Reports and grants Reviews. 2016 – Present. *National Institute of Environmental Health Sciences (NIEHS), Health Canada, French ministry of Health, University of Wisconsin, Harvard University*.
Journal reviews. 2012 – Present. *JAMA pediatrics, Lancet Psychiatry, Lancet Planetary Health, International Journal of Epidemiology, Environmental Health Perspectives, Environment International, Environmental Health Journal, Environmental Research, Science of the Total Environment, Environmental Pollution, BMJ open, etc.*
Societies with differing roles (Ethics & Philosophy committee, founding member, meeting organization). 2010 – Present. *International Society for Children's Health and the Environment, Society for Epidemiologic Research, International Society for Environmental Epidemiology, International Society of Exposure Science*