

# CV – Veerle Jaspers

## Personal information

First name, Surname:	Jaspers, Veerle L.B.		
Date of birth:	26.08.1981	Sex:	Female
Nationality:	Belgian		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	<a href="https://scholar.google.com/citations?user=qeEbKzwAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=qeEbKzwAAAAJ&amp;hl=en</a> <a href="https://www.scopus.com/authid/detail.uri?authorId=9846379200">https://www.scopus.com/authid/detail.uri?authorId=9846379200</a> <a href="http://www.researcherid.com/rid/E-1379-2011">http://www.researcherid.com/rid/E-1379-2011</a>		
URL for personal website:	<a href="https://www.ntnu.edu/employees/veerle.jaspers">https://www.ntnu.edu/employees/veerle.jaspers</a>		

## Education

Year	Faculty/department - University/institution - Country
2008	Ph.D. in Natural Sciences, Department of Biology – University of Antwerp - Belgium
2003	Master in Biology, Department of Biology – University of Antwerp - Belgium

## Positions - current and previous

Year	Job title – Employer - Country
2019-	Professor (Full) – Norwegian University of Science and Technology (NTNU) - Norway
2013-2019	Associate Professor – NTNU - Norway
2008-2013	Postdoctoral researcher – University of Antwerp - Belgium

## Career breaks

Year	Reason
26.04.2017-29.12.2017	50% maternal leave (8 months)
28.12.2016-25.04.2017	100% maternal leave (4 months)
20.12.2010-08.04.2011	100% maternal leave (3.5 months)

## Project management experience

Year	Project owner - Project - Role - Funder
2020-2023	NTNU - COAST-IMPACT - <b>Project Leader</b> – Norwegian Research Council (NFR)
2020-2025	Turku University - DISRUPT – <b>Project Collaborator</b> – Academy of Finland
2019 – 2023	Deakin University - The role of pollutants and emerging diseases in endangering a global migratory flyway- <b>Co-PI</b> - Australian Research Council

2017-2021	University of Murcia - European Raptor Biomonitoring Facility (COST action 16224) – <b>Management Committee member</b> - European Cooperation in Science & Technology
2014-2018	NTNU - NEWRAPTOR – <b>Project Leader</b> – NFR & NTNU (Fellesløftet)
2013-2016	University of Antwerp – Interactions between natural stressors and pollutant exposure in nestling birds of prey: Feathers as a novel integrated measure of feeding ecology, pollutant exposure and stress - <b>Co-PI</b> – Flemish Research Council
2013	University of Murcia – NILS mobility program – <b>Supervisor</b> - EEA
2012-2013	University of Antwerp – post doc renewal project – <b>PI</b> – Flemish Research Council
2010-2011	University of Antwerp – HBCD and TBBPA in birds of prey - <b>PI</b> – University of Antwerp
2008-2012	University of Antwerp – post doc project – <b>PI</b> – Flemish Research Council
2008-2011	Norwegian Institute for Nature Research – RAPTOR 2015 – <b>Project collaborator</b> - NFR

#### Supervision of students (Total number of students (ongoing/finished))

Master's students	Ph.D. students	Post docs	University/institution - Country
3/19	3/3	1/1	NTNU: 3 PhDs and 15 MSc as main supervisor, 3 PhD and 4 MSc as co-supervisor – external supervisor for 1 PhD student at Nord University
0/2	0/1	-	University of Antwerp – Belgium: 1 PhD and 2 MSc as co-supervisor

#### Other relevant professional experiences

Year	Description - Role
2021	<b>Chair</b> of the Wildlife Toxicology Interest Group from the Society on Environmental Toxicology and Chemistry (SETAC)
2020	<b>Vice-chair</b> of the Wildlife Toxicology Interest Group from SETAC
2019-2021	<b>International panel member</b> for PhD and post doc evaluation panel BIO 3 (Biodiversity and Ecology), Flemish Research Council (FWO), Belgium
2018-	<b>Head</b> of the ENVITOX group (22 members) – Department of Biology - NTNU
2018-	<b>Staff Member</b> of the research board - Department of Biology - NTNU
2018	<b>Leader</b> equal opportunities committee (likestillingskomite) – Department of Biology – NTNU – active member (ongoing)
2016-	<b>Member</b> of the Society on Environmental Toxicology and Chemistry (SETAC)
2014-	<b>Elected member</b> of the expanded leader group - Department of Biology - NTNU
2013-	<b>Opponent / jury member</b> in several PhD defences (Norway, Belgium, United Kingdom)
ongoing	<b>Reviewer</b> for at least 15 international journals. <u>Certificate of Excellence in Reviewing</u> (Chemosphere 2016) and <u>Outstanding Contribution in Reviewing</u> (STOTEN 2017).

## 10-year track record

*My research focus is on the interaction of pollutants with species-specific ecology, natural stressors and effects on physiology, behaviour and reproduction. My current research is increasing the effort to look at the interaction of pollution and infectious disease and resulting effects on populations and food chains.*

### Publication statistics (from Scopus 11.05.21)

94 peer-reviewed publications, 1 book chapter, Total citations: 2506, h-index = 32

### Ten representative publications from the past 10 years - Impact factor & citations from Web of Science

1. Issa S., Simonsen A., **Jaspers V.L.B.**, Einum S. (2021) Population dynamics and resting egg production in *Daphnia*: interactive effects of mercury, population density and temperature. *Science of the total Environment*. 755: 143625. – IF: 6.551, no citations yet
2. **Jaspers V.L.B.**, Covaci A., Herzke D., Eulaers I., Eens M. (2019). Bird feathers as a biomonitor for environmental pollutants: Prospects and pitfalls. *Trends in Analytical Chemistry*, 118: 223-226. – IF: 9.801, citations: 22
3. Løseth M.E., Flo J., Sonne C., Anne Kirstine Havnsøe Krogh, Nygård T., Bustnes J.O., Jenssen B.M., **Jaspers V.L.B.** (2019). The influence of natural variation and organohalogenated contaminants on physiological parameters in white-tailed eagle (*Haliaeetus albicilla*) nestlings from Norway. *Environmental Research*, 177: 108586. – IF: 5.715, citations: 3
4. Briels N., Ciesielski T.M., Herzke D., and **Jaspers V.L.B.** (2018). Developmental Toxicity of Perfluorooctanesulfonate (PFOS) and Its Chlorinated Polyfluoroalkyl Ether Sulfonate Alternative F-53B in the Domestic Chicken. *Environmental Science & Technology* 52 (21): 12859-12867. – IF: 7.864, citations: 22
5. Svendsen, N. B.; Herzke, Dorte; Harju, Mikael; Bech, C.; Gabrielsen, Geir W.; **Jaspers, V.L.B.** (2018). Persistent organic pollutants and organophosphate esters in feathers and blood plasma of adult kittiwakes (*Rissa tridactyla*) from Svalbard – associations with body condition and thyroid hormones. *Environmental Research*, 164: 158-164. – IF: 5.715, citations: 12
6. Briels N., Løseth M.E., Ciesielski T.M., Malarvannan G., Poma G., Kjærvik S.A., Léon A., Cariou R., Covaci A., **Jaspers, V.L.B.** (2018). *In ovo* transformation of two emerging flame retardants in Japanese quail (*Coturnix japonica*). *Ecotoxicology and environmental safety*, 149, 51-57. – IF: 4.872, citations: 6
7. Waugh C.A., Arukwe A., **Jaspers V.L.B.** (2018). Deregulation of microRNA-155 and its transcription factor NF-κB by polychlorinated biphenyls during viral infections. *APMIS* 126: 234–240. – IF: 2.406, citations: 7
8. Gómez-Ramírez, P., Bustnes, J.O., Eulaers, I., Herzke, D., Johnsen, T.V., Lepoint, G., Pérez-García, J.M., García-Fernández, A.J., **Jaspers, V.L.B.** (2017). Per- and polyfluoroalkyl substances in plasma and feathers of nestling birds of prey from northern Norway. *Environmental Research*, 158, 277-285. – IF: 5.715, citations: 13
9. **Jaspers VLB** (2015). Selecting the right bird model in experimental studies on endocrine disrupting chemicals. *Frontiers in Environmental Science*, 3: 35. – IF: 2.749, citations: 9
10. Eulaers I., Covaci A., Herzke D., Bustnes J.O., Eens M., Halley D.J., Sonne C., Moum T., Schnug L., Johnsen T., **Jaspers V.L.B.** (2011). A first evaluation of the usefulness of feathers of nestling predatory birds for non-destructive biomonitoring of persistent organic pollutants. *Environment International*, 37, 622-630. IF: 7.577, citations: 57 - Contribution: Planning the work and supervision of Igor Eulaers with the lab analysis, statistics, writing and revisions.

## Invited presentations

Invited Plenary speaker at the 2<sup>nd</sup> International Conference on Emerging Trends in Earth and Environmental Sciences (ETEEES-2020), 4-6 March 2020, University of Punjab Lahore, Pakistan. (online lecture)

Invited Plenary speaker at SETAC Argentina, 16-19 October 2018 on the topic "Interactions between multiple stressors and pollutant exposure in birds."

Invited Plenary speaker 6<sup>th</sup> Norwegian Environmental Toxicology Symposium, NETS 2016, Oslo Science park, 25-27 October 2016

Invited Plenary Lecture entitled "Contaminant monitoring using raptors: Past, current and future perspectives." Final EURAPMON conference, 9/3/2015, Aledo, Spain.

Invited Seminar, Department of Environmental Science and Analytical Chemistry (ACES), Stockholm University, 3/9/2015

## Organisation of international conferences

Member of the organising and scientific committee of the 31<sup>st</sup> International Symposium on Halogenated Environmental Organic Pollutants and POPs (Dioxin 2011), Brussels

Session chair and co-chair every year in wildlife sessions at the SETAC international conferences since 2017;

Member of the Wildlife Interest Steering Group (WTIG) at SETAC since 2019, vice-chair in 2020, chair in 2021.

## Prizes and awards

- Prize for work on gender equality, awarded to the gender equality committee at the Department of Biology (of which I was the leader), awarded by NTNU in 2018.
- Selected for the Outstanding Academic Fellows Programme at NTNU (June 2014 - June 2018) "stjerneprogrammet" <http://www.ntnu.edu/research/outstanding-academic-fellows>
- Receiver of the Otto Hutzinger Student Presentation Award at the international conference Dioxin 2007 (Tokyo) for an oral presentation
- As supervisor, best awards for posters or oral presentations at Dioxin 2011 (Brussels), Dioxin 2014 (Madrid), Norwegian Environmental Toxicology Symposium (NETS) in 2016 and 2018.
- Yggdrasil mobility grant, granted by the Norwegian Research Council, travel grant for a research stay at the Polar Environmental Centre (FRAM) during May - June 2010.

## Major contributions to the early careers of excellent researchers

My former PhD students and postdoc have all continued into successful careers in science:

- Assoc. Prof. Courtney A. Waugh, Nord University, Norway (since 2019)
- Ass. Prof. Naeem Akhtar Abbasi, University of Punjab, Pakistan (since 2020)
- Dr. Nathalie Briels, permanent researcher, Ghent University, Belgium (since 2020)
- Dr. Mari Løseth, permanent researcher at Norwegian Geotechnical Institute, Norway (since 2019)
- Dr. Igor Eulaers, post doc at the Norwegian Polar Institute, Norway (since 2020)

I am actively supporting my PhDs and post docs to grow their knowledge and experience by organizing biweekly seminars and supporting them to actively present at conferences, co-organizing sessions and conferences (for the post docs) and contributing to peer-review. I am also very active in the equal opportunities committee at the department, paying specific focus on recruitment processes (screening announcement texts, been part of hiring committees) and an inclusive work environment for all, regardless of gender or cultural background.