

Curriculum vitae – Marjolein Buisman

Personal Details

Full name: *Marjolein Elize Buisman*
Date of birth: *6th September 1991*
Nationality: *Dutch*
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Research and internship experiences

Feb 2020 **Assistant professor in Retail Analytics, WHU – Otto Beisheim School of Management**

**Sept 2019-
Nov 2019** **Researcher and Lecturer at Operations Research and Logistics, Wageningen UR**

**Nov 2015-
Sept 2019** **PhD student at Operations Research and Logistics, Wageningen UR**
Supervised by prof. dr. J.M. Bloemhof-Ruwaard and dr. R. Haijema
Core activities: (i) Research on reducing food waste at retailers, inventory management, carried out within the EU project REFERSH, (ii) supervision of BSc (5) and MSc (5) students

July 2019 **Research visit University of Hull and Global Biotechnology Transfer Foundation, Hull (United Kingdom)**
Within the EU Project GOLF, research on the logistical challenges of food banks and soup kitchens

**Apr 2018-
Aug 2018** **Research visit at Kühne Logistics University, Hamburg**
Collaboration with Prof. Sandra Transchel. Research related to the ordering decisions of retailers for multiple substitutable products

Nov 2014 **Intern at Bayrische Milch Industrie, Würzburg (Germany)**
Analysing energy consumption of production processes

**Sep 2014 –
Feb 2015** **Intern at Production and Supply Chain Management group, Technische Universität München (Germany),**
Research on Dairy supply chains with an economic and environmental perspectives

2014-2015 **Student Assistant FBR and ORL, Wageningen UR**
Supervise experimental part of Food process engineering course; assist PhD students with their research (writing and lab-work).
SBIR project “Broodzonde”. Literature review to consumer behaviour on bread sales and improve sales forecasting for Jumbo.

Education

- 2012-2015** **Master Food Technology, Wageningen University**
Specialisation: Sustainable food processing
Thesis subject: “Sustainability analysis of the enriched bread supply chain”
Thesis department: Food Process Engineering
- 2012-2015** **Master Management, Economics and Consumer Studies, Wageningen University**
Specialisation: Management, Innovations and Life Sciences
Thesis subject: “Technological improvements to reduce quality decay along the meat supply chain”
Thesis department: Operations Research and Logistics.
- 2009-2012** **Bachelor Food Technology, Wageningen University**
Minor: Supply Chain Management
Thesis subject: “Stabilization mechanism in microbubbles prepared with BSA”
Thesis department: Food Physics and Top Institute Food and Nutrition

Publications

- Published**
- Buisman, M.E.**, Haijema, R. & Bloemhof-Ruwaard, J.M. (2018)
Discounting and dynamic shelf life to reduce fresh food waste at retailers.
International Journal of Production Economics
- Buisman, M.E.**, Haijema, R. & Hendrix, E.M.T. (2018)
On the δ -service level for demand substitution in inventory control
IFAC PapersOnline
- Hendrix, E.M.T, Ortega, G., Haijema, R., **Buisman, M.E.** & Gracia, I. (2018)
On computing optimal policies in perishable inventory control using value iteration
Computational and Mathematical Methods
- Buisman, M.E.**, Haijema, R., Akkerman, R. & Bloemhof-Ruwaard, J.M. (2019)
Donation management for menu planning at soup kitchens
European Journal of Operations Research
- Buisman, M.E.** & Jonkman, J. (2019)
Dietary trends from 1950-2010: a Dutch cookbook analysis
Journal of Nutritional Science
- Submitted**
- Buisman, M.E.**, Haijema, R. & Hendrix, E.M.T.
Product substitution to increase profit and reduce food waste at retailers
- In preparation**
- Buisman, M.E.**, Transchel, S. & Haijema, R.
Inventory decisions for vertically differentiated products under consumer driven substitution [working title]

Presentations

Others 9 presentations at (inter)national conferences and workshops

Grants

2019	LEB fund	€400,-
2018	Junior researcher grant WASS	€3150,-

Teaching experience

2019	Decision Science I (Lecturer) Operations Research and Logistics (Tutorials) Quality System Operations (Tutorials) Advanced Supply Chain Management (Tutorials)
2018	Sustainability Analysis (Assistance in course development) Decision Science (Tutorials) Sustainability in Food Chains (Tutorials)
2017	Decision Science (Tutorials) Operations Research and Logistics (Tutorials) Advanced Supply Chain Management (Tutorials) Sustainability in Food Chains (Tutorials)
2016	Operations Research and Logistics (Tutorials) Sustainability in Food Chains (Tutorials)

Additional Training

2018	Lecturing Start to teach
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Skills

Language:	<i>Dutch</i> (Native language), <i>English</i> (Good, conversation and reading/writing), <i>German</i> (Good, conversation and reading, reasonable writing)
Computer:	<i>Microsoft Office, LaTeX, Matlab, Fico Xpress, Phyton, SPSS</i>
Drivers Licence:	B
Hobbies:	Hockey, Sailing, visiting friends.

Secondary activities

2017-Today

Volunteer at sailing ship "Eendracht" Watch leader

2016-2019

Volunteer at "Voorleesexpress", Wageningen

2010-2016

Volunteer at student association VGSW, Wageningen

Function at the board 2012-2013: Secretary

Other activities: Organised congress for 250 people, organised stage for 5
May festival Wageningen, PR committee.