

# CURRICULUM VITAE

## Personal Information

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**Name:** Logan Reed Vallandingham  
**Born:** January 15th, 1992  
**Nationality:** Norwegian  
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## Education

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|-------------------------------------------------------|-------------------|
| Norwegian University of Science and Technology (NTNU) | Trondheim, Norway |
| MSc. Mechanical Engineering                           | 2011 - 2016       |
| Specialization in Operations Management               |                   |

## Experience

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|--------------------------------------------------------------------------------|------------------------------------------------|
| Ph.D. candidate, Dept. of industrial economics and technology management, NTNU | Trondheim, Norway<br>April 2018 - Present      |
| Research Assistant, Dept. of mechanical and industrial engineering, NTNU       | Trondheim, Norway<br>June 2016 - February 2018 |

## Research Profile

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Logan R. Vallandingham is a PhD Candidate at the Department of Industrial Economics and Technology Management, within the Operations Management research group. His research is funded by the project "Improved patient flow and resource utilization at St. Olavs hospital" as part of the NTNU Health strategic research area. His work currently investigates the potential for improved planning and coordination in care pathways through the use of Operations Management techniques and practices, as well as supporting information technologies.

## Publications

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Total number of publications: 5

Vallandingham, L.R., Yu, Q., Sharma, N., Strandhagen, J.W. and Strandhagen, J.O., 2018. Grocery retail supply chain planning and control: Impact of consumer trends and enabling technologies. *IFAC-PapersOnLine*, 51(11), pp.612-617.

Strandhagen, J.W., Vallandingham, L.R., Alfnes, E. and Strandhagen, J.O., 2018. Operationalizing lean principles for lead time reduction in engineer-to-order (ETO) operations: A case study. *IFAC-PapersOnLine*, 51(11), pp.128-133.

Strandhagen, J.O., Vallandingham, L.R., Fragapane, G., Strandhagen, J.W., Stangeland, A.B.H. and Sharma, N., 2017. Logistics 4.0 and emerging sustainable business models. *Advances in Manufacturing*, 5(4), pp.359-369.

Strandhagen, J.W., Alfnes, E., Strandhagen, J.O. and Vallandingham, L.R., 2017. The fit of Industry 4.0 applications in manufacturing logistics: a multiple case study. *Advances in Manufacturing*, 5(4), pp.344-358.

Vallandingham, L.R., Strandhagen, J.W., Alfnes, E. and Strandhagen, J.O., 2017, September. Strategic Framework for Manual Assembly System Design. In *International Workshop of Advanced Manufacturing and Automation* (pp. 229-237). Springer, Singapore.