

# Keegan D. McBride

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Google Scholar: <https://scholar.google.com/citations?user=09ZcA9sAAAAJ&hl=en>

## EDUCATION

### PhD in Public Administration

Sep 2017 – Jun 2020

*Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)*

PhD Working Title: “Government as a Platform: Open Government Data, Data Analytics, Machine Learning, and Transformation of Government and Society”

Main Research Interests: Open Data, Machine Learning, Data Analytics in Government

### MSc E-Governance Technologies and Services

Sep 2015 – Jun 2017

#### *Cum Laude*

*Tallinn University of Technology, Department of Software Science (Tallinn, Estonia)*

Thesis Title: “Government as a Platform: Exploiting Open Government Data to Drive Public Service Co-Creation”

GPA: 4.7 (5.0 Scale)

### BA Political Science and International Relations

Sep 2011 – Dec 2014

#### *Magna Cum Laude*

*Montana State University, Department of Political Science (Bozeman, Montana, United States)*

Major GPA: 3.87 (4.0 Scale)

### International Education

KU Leuven,, Public Governance Institute (Leuven, Belgium)

March 2018

University of Tartu, Baltic Sea Region Studies (Tartu, Estonia)

Fall 2013

## RESEARCH AND WORK EXPERIENCE

### Junior Research Fellow

Sep 2017 - Present

*Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)*

- Conduct research on e-Government, Open Government Data, and Machine Learning in Government
- Writing and presentation of papers at international conferences
- Assist with writing Horizon2020 funding proposals
- Teaching courses on data and data analytics in government
- Manage the design and implementation of Estonian pilots within the OpenGovIntelligence project

### Project Assistant

Sep 2016 – Aug 2017

*Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)*

- Assisted with Horizon2020 funding proposals
- Assisted with writing deliverables for Horizon2020 projects
- Helped design and implement workshops and stakeholder meetings for the Horizon2020 OpenGovIntelligence Estonian pilot

### Integration Engineer

Feb 2016 – Jan 2017

*Monese*

*(Tallinn, Estonia)*

- Integrated partner systems into Monese backend
- Java backend development
- Assisted with collection and management of data
- Initiated different data analytics models into the backend
- Worked with detection of fraudulent payments and identities Writing of SQL queries
- In charge of developing tools to increase other departments' efficiency and modernize processes

## Research Assistant Feb 2014 – Dec 2014

Montana State University – Department of Earth Sciences  
(Bozeman, Montana, United States)

- Designed, executed, transcribed, and analyzed interviews with community leaders and members
- Conducted research for Dr. J.H. Haggerty on coal royalty payments, the effect of energy development in rural areas, water rights, and sociology of energy development in rural areas
- Assisted with research and writing of white papers regarding coal royalty payments and socioeconomic impact assessments.

## Research Assistant

Apr 2014 – Dec 2014

Montana State University – Extension Office and Department of Political Sciences  
(Bozeman, Montana, United States)

- Conducted research on issues relating to community development in rural areas
- Created content and distributed the Montana Association of Community Development Extension Professionals newsletter
- Taught officials in rural communities how to build webpages to allow for increased resident access to town governments
- Assisted in the design and implementation of online and other outreach projects

## COMPETITIVE FUNDING INVOLVEMENT

### Funded

- **Estonian Digital Governance Stakeholder Mapping (Internal Project) – Proposal Author – 20,000€** 2018  
The stakeholder analysis will identify, analyse, map, and prioritize the active stakeholders in Estonian e-Government. In addition to understanding the stakeholders involved in Estonian e-Governance, this project aims to create a more complete picture of Estonian e-Governance: how it was initiated, how it developed, where it is today, and where it will be in the future.
- **OpenGovIntelligence (H2020) – Researcher 2.8€M** 2016-2019  
The OpenGovIntelligence project aims at stimulating sustainable economic growth in Europe through fostering innovation in society and enterprises. Towards this end, OpenGovIntelligence suggests a holistic approach for the modernization of Public Administration (PA) by exploiting Linked Open Statistical Data (LOSD) technologies. This includes new business processes, policies, and tools that will enable the active participation of the society and enterprises in data sharing and in the co-production of innovative data-driven public services.

### Submitted

- **PAGANINI (H2020/RIA) – Participant 3.8€M** 2018
- **MIIDA (H2020/IA) – Participant 3€M** 2017
- **iNVTe (REC Program) – Participant** 2017
- **ODEPS (CEF) – Participant** 2016

## TEACHING EXPERIENCE

- **TechEstonia Lab 6 ECTS** Fall 2017  
Lecturer  
*Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)*
- **Introduction to e-Democracy 3 ECTS** Fall 2016  
Teaching Assistant  
*Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)*
- **Text and Critics 8 ECTS** Spring 2014  
Student Fellow  
*Montana State University Honor's College*

## PUBLICATIONS

- **McBride, K;** Matheus, R; Toots, M; Kalvet, T; Krimmer, R; (2018). The role of Linked Open Statistical Data in Public Service Co-Creation (ICEGOV 2018). ACM, Forthcoming.
- **McBride, K;** Aavik, G; Krimmer, R; Kalvet, T. (2018). Co-creating an Open Government Data Driven Public Service: The Case of Chicago's Food Inspection Forecasting Model. In Proceedings of the 51st Hawaii International Conference on System Sciences (HICSS 2018). (2453-2462). Hawaii: IEEE.
- Toots, M.; **McBride, K.**; Kalvet, T.; Krimmer, R. (2017). Open Data as Enabler of Public Service Co-creation: Exploring the Drivers and Barriers. In: Proceedings of the 2017 International Conference for E-Democracy and Open Government (CeDEM 2017) (102–112). Krems, Austria: IEEE Computer Society

- Toots, M.; **McBride, K.**; Kalvet, T.; Krimmer, R. (2017). A Framework for Data-Driven Public Service Co-Production. In: IFIP EGOVEPART 2017 conference proceedings. IFIP EGOVEPART2017 conference, St. Petersburg, Russia, September 2017. (264-275). Springer. (Lecture Notes in Computer Science).
- Hagerty, J.; **McBride, K.**; (2016). Does local monitoring empower fracking host communities? A case study from the gas fields of Wyoming. Journal of Rural Studies, 43 (February), 235–247 10.1016/j.jrurstud.2015.11.005.
- **McBride, K.**; (2017). Government as a Platform: Exploiting OGD to Drive Public Service Co-creation. MSc Thesis. 47pp.

## CONFERENCES

- **The International Conference for E-Democracy and Open Government (CeDEM), Krems, Austria** 2017  
Author
- **IFIP EGOVEPART, St. Petersburg, Russia** 2017  
Author
- **Hawaii International Conference on Systems Sciences (HICSS) , Waikoloa, Hawaii** 2018  
Author
- **International Conference on Electronic Governance (ICEGOV), Galway, Ireland** 2018  
Author
- **International Conference on Digital Governance Research (DGO), Delft, Netherlands** 2018  
Program Committee, Panel Member

## INVITED TALKS AND WORKSHOPS

- Talk on Estonian Open Data – Open Data Day Tallinn, Estonia 2018
- Workshop on Open Data Visualization at Creative Impact Conference Tallinn, Estonia 2018

## AWARDS

- Estonian Government Specialty Scholarship Sep 2017 – June 2021
- Best Master's Thesis in Information Society Category – TTÜ June 2017
- Scholarship of Estonian Government Sep 2015 – Jun 2017