Pedro Nascimento de Lima

Policy Research Assistant - RAND Corporation;
Ph.D. Candidate - Pardee RAND Graduate School

Education

Experience

S1 2016 - Present	**Teaching Associate**, *Monash University*, Caulfield & Clayton, Australia.
	○ Advanced statistical modelling (ETC3580)
	○ Business forecasting (ETF3231/ETF5231)
	○ Mathematics for business (ETF2700)
	○ Data modelling and computing (ETC1010)
Jan. 2016 - Present	**Research Assistant**, *Monash University*, Clayton, Australia.
	○ Supervisors include Rob Hyndman, Dianne Cook, and George Athanasopoulos.
	○ Consulting projects with DiabetesLab, Tennis Australia, Monash University and Huawei.
	○ Contributed to the development of numerous open source R packages.
Feb. 2013 - Nov. 2016	**Volunteer**, *Rotaract*, Monash, Australia.
	○ Development and maintenance of club website and online services.
	○ Organising and hosting fundraisers.
Feb. 2015 - Nov. 2015	**Student Ambassador**, *Google*, Sydney, Australia.
	○ Supported Google's presence on campus with events and media.
Feb. 2015 - Mar. 2015	**Data Mining (Internship)**, *iSelect*, Cheltenham, Australia.
	○ Improved business data and issue reporting with interactive visualisations, and model-based anomaly detection.
Oct. 2010 - Nov. 2015	**Fresh Produce**, *Coles*, Rowville, Australia.
	○ Food preparation & display, first aid, staff training and customer assistance.

Awards

2018	**Best Brazilian Production Engineering Masters Dissertation**, *ABEPRO - Brazilian Association for Industrial Engineering*.
	○ Dissertation Title: Strategic Decision Making Under Deep Uncertainty in the 3D Printing Industry: A Robust Decision Making (RDM) Analysis. [Avaliação de Decisões Estratégicas sob Incerteza Profunda na Indústria da Manufatura Aditiva: Uma Análise a partir do Método Robust Decision Making (RDM).]
2016	**Best Brazilian Production Engineering Undergraduate Dissertation**, *ABEPRO - Brazilian Association for Industrial Engineering*.
	○ Dissertation Title: Problem Structuring Methods: A Review of methods to approach complex situations. [Problem Structuring Methods: Uma Revisão de Métodos para a Abordagem de Situações Complexas.].

2016 **CAPES PROSUP Scholarship**, *Education Ministry, Brazilian Federal Government*.
   ○ Merit-based scolarship for master-level studies.

2015 **InovApps Prize**, *Communications Ministry, Brazilian Federal Government*.
   ○ For proposing and deploying the Avalia Brasil App (an Android app aiming to measure Brazilian public service quality with the SERVPERF scale).

2013 **PROUNI Scholarship**, *Education Ministry, Brazilian Federal Government*.
   ○ Merit- and need-based scolarship for undergraduate studies.

Publications

Publications

1. Rodrigues, LH, FC Ahlert, DP Lacerda, LFR Camargo, and PN de Lima (2014). *Operational Research - Linear programming step by step - from problem understanding to solution interpretation. (Pesquisa operacional : programação linear passo a passo : do entendimento do problema à interpretação da solução)*. São Leopoldo: Editora UNISINOS.

2. Lima, PN de, DR CALDERARO, DB GOLDMEYER, LH RODRIGUES, and MIWM MORANDI (2015). Minimizing Maintenance Costs: An alternative to preventive maintenance schedule resource levelling using Linear Programming and Reliability Engineering (Minimizando Custos de Manutenção: Uma alternativa para o Nivelamento de Recursos de um Cronograma de M. In: *XXXV - Encontro Nacional de Engenharia de Produção - ENEGEP*. Vol. 35. ABEPRO - Associação Brasileira de Engenharia de Produção, 2015, pp.18.

3. Lima, PN de and MG Tegner (2015). How to improve an SME's service operation? Applying service operation tools in the Business to Business Phase 3 context. (O que Melhora a Operação de Serviço de uma Pequena Empresa? Ferramentas para a Melhoria de Operações de Serviço e Aplicação em seis e. In: *XXXV - Encontro Nacional de Engenharia de Produção - ENEGEP, 2015*. Vol. 35. ABEPRO - Associação Brasileira de Engenharia de Produção, pp.15.

4. Lima, PN de, MG Tegner, SLHC Neto, and DR Veit (2015). Lean Office in Practice: proposing and applying a method with a business process management approach. (Lean Office na Prática: Proposição e Aplicação de Método à Luz do Gerenciamento de Processos). In: *XXXV - Encontro Nacional de Engenharia de Produção - ENEGEP*. Vol. 35. ABEPRO - Associação Brasileira de Engenharia de Produção, pp.19.

5. Lima, PN de, DC Vieira, MG Tegner, I Heck, and FR da Luz (2015). The DEPARIS's approach contribution to Fleet maintenance ergonomics. (Ergonomia e Segurança no Setor Aeronáutico: A Contribuição do Diagnóstico Participativo de Riscos em um Ambiente de Manutenção de Aeronaves.) In: *XXXV - Encontro Nacional de Engenharia de Produção - ENEGEP, 2015,* vol. 35. ABEPRO - Associação Brasileira de Engenharia de Produção, pp.15.

6. Machado, MdS, LH Rodrigues, PN de Lima, and MIWM Morandi (2015). A systems approach for identifying leverage points to interdepartamental cooperation. (Proposição de uma Abordagem Sistêmica para identificar ações alavancadoras para o aumento da cooperação intedepartamental). In: *XXXV - Encontro Nacional de Engenharia de Produção - ENEGEP, 2015,* vol. 35. ABEPRO - Associação Brasileira de Engenharia de Produção, pp.21.

7. Tegner, MG, PN de Lima, DR Veit, and SLHC Neto (Sept. 2016). Lean Office and BPM: Method Proposition and Application for reducing waste on administrative areas (Lean office e BPM: proposição e aplicação de método para a redução de desperdícios em áreas administrativas). *Revista Produção Online* **16**(3), 1007.

8. Veit, DR, DP Larcerda, and PN de Lima (2017). "The impacts of Additive Manufacturing on production systems". In: *Lecture Notes in Management and Industrial Engineering*. Ed. by J

Mula, R Barbastefano, M Díaz-Madroñero, and Raúl Poler. Springer, pp.187–194. `https://doi.org/10.1007/978-3-319-93488-4_21`.

9. Dresch, A, DR Veit, PN de Lima, DP Lacerda, and DC Collatto (2019). "Inducing Brazilian Manufacturing SMEs Productivity with Lean Tools".

10. Lima, PN de, A Dresch, and DP Lacerda (2019). "Do Socioeconomic Contextual Factors Influence SMEs Service Quality? A cross-sector and cross-city SERVPERF analysis".