

Agatha Clarice da Silva Ovando

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EDUCATION

Universidad de la Sabana <i>Doctorate in Logistics and Supply Chain Management</i>	Chía, Colombia	Expected 2024
MITx Micromasters <i>Micromaster in Supply Chain Management</i>	Online	2021
MIT Global SCALE Network <i>Graduate Certificate in Logistics and Supply Chain Management</i>	Cambridge, United States of America	2019
Universidad Privada Boliviana <i>Master in Business Administration, minor in finance</i>	Cochabamba, Bolivia	2012
Bournemouth University <i>Master in Product Design Management</i>	Bournemouth, United Kingdom	2011
Universidad Privada Boliviana <i>Industrial and Systems Engineering</i>	Cochabamba, Bolivia	2009

EXPERIENCE

Universidad Privada Boliviana	Cochabamba, Bolivia	2020 - present
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Researcher/ Lecturer

- Director of the Research Center for Logistics Operations.
- Leader of the research initiatives for Logistics and Supply Chain Management for the UPB within the MIT Scale Network for Latin America.
- Developing research regarding active learning methodologies for the discipline of logistics and supply chain management.
- Lecturer in the disciplines of Logistics, Research methods, Data analysis, and Production management.

Universidad Privada Boliviana	Cochabamba, Bolivia	2016- 2019
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Career director (Industrial and systems engineering).

- Led to the successful signature of an interinstitutional contract among the UPB and the Centro Latinoamericano de Innovación en Logística (CLI) to develop and promote research plans and activities within the MIT Scale Center for Latin America.
- Developed and implemented the Challenge Based Learning methodology in the university, in an alliance with the Industrial and Systems Department of the Tecnológico de Monterrey.
- Headed the development of the first dedicated simulation laboratory for the career center.
- Led the design of strategies to introduce undergraduate IIS students into research programs.

CATEC University	Cochabamba, Bolivia	2014- 2016
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Lecturer

- Instructed subjects oriented to production management and managerial information systems.
- Served as a mentor and second revisor in several dissertation theses.

Dieselrio, Spare Parts Distributor	Cochabamba, Bolivia	2011- 2016
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Commercial manager

- Successfully implemented an integral information system for process control, reducing significantly the time dedicated to control operations.
- Improved the performance of the concessionaire in external evaluations of suppliers by 30%.
- Reduced price calculation errors by approximately 25%. Furthermore, developed an exhaustive price study to adjust and improve the company item rotation.
- Managed and supervised the whole supply chain, from suppliers to customers.

Maya Mac Lean, Furniture Design and Manufacturing	Cochabamba, Bolivia	2011
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Project developer

- Designed a pre-feasibility project for a new production plant.
- Conducted a viability analysis regarding the implementation of the process of wood drying.
- Administrated tools to improve the traceability of the design and production orders. The communication among design and production plants improved meaningfully with the execution.

Cablebol, Cable Manufacturer	Cochabamba, Bolivia	2010- 2011
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Foreign trade assistant

- Provided administrative support on the procurement of new suppliers.

AFFILIATIONS

POMS: Vice president of Meetings 2023-2024. Member since 2023.

IISE: Member since 2022.

IEEE: Member of IEEE Education Society since 2024.

EXPERIENCE IN HIGHER EDUCATION

Undergraduate

Faculty of Engineering and Architecture, Universidad Privada Boliviana, Bolivia

Total Quality Control, Production Engineering II, Industrial and Administrative Systems, Research Methods and Techniques, Graduation Project I, Integral Logistics.

Catec University, Bolivia

Production Management, Management Information Systems

Postgraduate

Universidad Privada Boliviana, Bolivia

Diploma in Distribution Management: New Trends in Distribution

Diploma in Supply Chain Management: Suppliers' Evaluation and Agreement

Diploma in Project Management and Management According to PMI: Planning, Programming and Control of Industrial Processes

Master in Productivity and Quality: Planning, Programming and Control of Industrial Processes

Master in Business Administration and Management in Telecommunications: Supplier and Supply Chain Management

Universidad Mayor de San Simón, Bolivia

Diploma in Integral Logistics and Supply Chain Management: Production Planning and Logistics

Massachusetts Institute of Technology

Graduate Certificate in Logistics and Supply Chain Management: GCx Teaching Assistant: Statistical Testing, Projections and S&Op.

Micromasters in Supply Chain Management: Teaching Assistant Module SC0x (2018).

ACADEMIC PUBLICATIONS

- [1] A. C. Da Silva-Ovando, O. S. Olivares Quintana, D. E. Salinas-Navarro, and M. Chong (2024) Implementation of a Challenge-Based Learning Model for Higher Education Under a Modular Education System, A Case Study. *IEEE Revista Iberoamericana de Tecnologías del Aprendizaje*. doi: 10.1109/RITA.2024.3458851
- [2] A. Luna, M. Chong and A. C. da-Silva-Ovando, "Challenges for Education in the New Era: Education and Training in Industry 5.0 Roles," 2024 IEEE World Engineering Education Conference (EDUNINE), Guatemala City, Guatemala, 2024, pp. 1-5, doi: 10.1109/EDUNINE60625.2024.10500528.
- [3] Salinas-Navarro DE, Pacheco-Velazquez E and da Silva-Ovando AC (2024) (Re-)shaping learning experiences in supply chain management and logistics education under disruptive uncertain situations. *Front. Educ.* 9:1348194. doi: 10.3389/educ.2024.1348194
- [4] Salinas-Navarro, D.E., Pacheco-Velazquez, E., da Silva-Ovando, A.C., Mejia-Argueta, C. and Chong, M. (2024), "Educational innovation in supply chain management and logistics for active learning in Latin America", *Journal of International Education in Business*, Vol. 17 No. 1, pp. 148-169. <https://doi.org/10.1108/JIEB-07-2023-0050>
- [5] Bejarano Cubillos, C.E. et al. (2023). "Inter-cities Model Proposal for Potato's Last Mile Logistics: Case Study in Bogotá, Colombia and Cochabamba, Bolivia", in Montoya-Torres, J.R., Guerrero, W.J., Cortés-Murcia, D.L. (eds) *Operations Research and Analytics in Latin America. Lecture Notes in Operations Research*. Springer, Cham. https://doi.org/10.1007/978-3-031-28870-8_9
- [6] C. A. Ocampo-Terceros, A. C. da Silva-Ovando, M. J. Peña-Cárdenas, and M. Chong, "Vulnerable Regions Distribution of Packed Fresh Food Using Mobile Markets," in *Lecture Notes in Logistics*, vol. Part F268, Springer Science and Business Media B.V., 2023, pp. 321–340.
- [7] C. Del Camen Diaz Hernani et al., "Panel: Focus on Women Engineering - Toward the Next Generation," *EDUNINE 2023 - 7th IEEE World Eng. Educ. Conf. Reimaging Eng. - Towar. Next Gener. Eng. Educ. Merging Technol. a Connect. World, Proc.*, 2023, doi: 10.1109/EDUNINE57531.2023.10102838.
- [8] D. E. Salinas-Navarro, A. C. Da Silva-Ovando, and M. Chong, "Workshop: Learning experiences for educational leadership and innovation in engineering education," *EDUNINE 2023 - 7th IEEE World Eng. Educ. Conf. Reimaging Eng. - Towar. Next Gener. Eng. Educ. Merging Technol. a Connect. World, Proc.*, 2023, doi: 10.1109/EDUNINE57531.2023.10102854.
- [9] M. I. Ruiz-Cantisani, T. Brandi, H. Romero, A. C. da Silva-Ovando, D. I. Lopez-Ruiz, and J. B. Soliz, "Developing a sustainability culture in LATAM: a case study of a strategic inter-university alliance," *2022 IEEE IFEES World Eng. Educ. Forum - Glob. Eng. Deans Counc.*, pp. 1–5, Nov. 2022, doi: 10.1109/WEEF-GEDC54384.2022.9996226.
- [10] P. Huanca and A. C. da Silva-Ovando, "Experiential learning as a methodology to engage educational initiatives to operational problematics in micro companies," *Investigación y Desarrollo*, vol. 22, no. 1, pp. 125–133, 2022, doi: 10.23881/idupbo.022.1-10i.
- [11] D. E. Salinas-Navarro, A. C. Da Silva-Ovando, C. Mejía-Argueta, and M. Chong, "Reflexiones desde la práctica docente:

- experiencias de aprendizaje para la educación en ingeniería industrial en la pospandemia,” *Apuntes Rev. Ciencias Soc.*, vol. 49, no. 92, pp. 151–182, Sep. 2022, doi: 10.21678/APUNTES.92.1745.
- [12] D. E. Salinas-Navarro, A. C. da Silva-Ovando, C. M. Argueta, and M. Chong, “A Framework for Educational Innovation in Logistics and Supply Chain Management, a Research Agenda,” 2022 IEEE World Eng. Educ. Conf., pp. 1–6, Mar. 2022, doi: 10.1109/EDUNINE53672.2022.9782364.
- [13] A. C. Da Silva-Ovando, O. S. O. Quintana, D. E. Salinas-Navarro, and M. Chong, “Design a challenge-based learning model for higher education, an application in a beverage company,” 2022 IEEE World Eng. Educ. Conf., pp. 1–5, Mar. 2022, doi: 10.1109/EDUNINE53672.2022.9782391.
- [14] D. E. Salinas-Navarro, A. Alanis-Uribe, and A. C. da Silva-Ovando, “Learning Experiences about Food Supply Chains Disruptions over the Covid-19 Pandemic in Metropolis of Latin America,” *IIE Annu. Conf. Proc.*, pp. 495–500, 2021.
- [15] A. C. da Silva-Ovando and C. A. Ocampo-Terceros, “Understanding the Behavior of the Low-Income Population When Purchasing Fruits and Vegetables. Case Study of Cochabamba (Cercado) - Bolivia,” *Proc. 1st Int. Conf. Water Energy Food Sustain. (ICoWEFS 2021)*, pp. 12–19, 2021, doi: 10.1007/978-3-030-75315-3_2.
- [16] A. C. da Silva-Ovando and J. Becerra-Soliz, “Sustainable Logistics and Operations Design: Sustainable Practices for Emerging Countries - Perspective of the Situation in Bolivia,” *Proc. 1st Int. Conf. Water Energy Food Sustain. (ICoWEFS 2021)*, pp. 605–615, 2021, doi: 10.1007/978-3-030-75315-3_65.
- [17] A. C. da Silva-Ovando, D. Granados-Rivera, G. Mejía, C. Mejía-Argueta, and J. Jarrín, “Spatial Analysis of Fresh Food Retailers in Sabana Centro, Colombia,” *Eng. Anal.*, pp. 235–253, Sep. 2021, doi: 10.1201/9781003137993-15.
- [18] D. E. Salinas-Navarro, C. Mejia-Argueta, A. C. Da Silva-Ovando, and C. L. Garay-Rondero, “Going beyond traditional approaches on industrial engineering education,” *Proc. - Front. Educ. Conf. FIE*, vol. 2020-October, Oct. 2020, doi: 10.1109/FIE44824.2020.9273891.

OTHER PUBLICATIONS

- [1] A. C. da Silva-Ovando and J. Becerra-Soliz, Artículo de investigación: “¿Existe logística sustentable en Bolivia?”, *Boletín Alumni UPB*, Número 4, Diciembre 2020.
- [2] A. C. da Silva-Ovando, L. Barreto, C. Mejía-Argueta, M. Winkenbach, M. Janjevic, Coluna MIT-GCLOG: “Preferências de logística da última milha para compras on-line”, *Revista Mundo Logística*, Número 78, pp.50, Septiembre/Octubre 2020.
- [3] A. C. da Silva-Ovando, L. Barreto, C. Mejía-Argueta, M. Winkenbach, M. Janjevic, Columna MIT-GCLOG: “Entregas de última milla: ¿Qué prefieren los consumidores?”, *Revista Énfasis Logística*, Número 211, pp.50, Julio/Agosto 2020.

PARTICIPATION IN CONFERENCES

- [1] Design of a strategic model for nanostores in the last mile distribution of fresh food. Agatha Viva la II. Montería, 07/05/2024.
- [2] Simulating resilience: An Agent-Based Model for Nanostores Operations under Uncertainty. Agatha Clarice da Silva Ovando, Gonzalo Mejía, Christopher Mejía. POMS Conference 2024. Minneapolis, 25-30/04/2024.
- [3] Proximity centers to optimize last-mile logistics by analyzing household preferences and neighborhood store profile in Cochabamba. Abigail Aranibar, Michelle Loayza, Dayana Yugar, Matías Rojas, Agatha Clarice da Silva Ovando, David Ernesto Salinas Navarro. MIT SCALE POMS Conference 2024. Cartagena, 16-19/03/2024.
- [4] Design of a mixed channel under the Buy Online Pick up in Store (BOPS) Methodology approach with distribution modeling using VRP in Cochabamba, Bolivia. Evelyn Agreda, Donaldo Padilla, Agatha Clarice da Silva Ovando. MIT SCALE POMS Conference 2024. Cartagena, 16-19/03/2024.
- [5] Exploring sustainability measures and practices in Latam. Teresa Brandi, Heidi Romero, Agatha Clarice da Silva-Ovando, Leonardo Fuentes. MIT SCALE POMS Conference 2024. Cartagena, 16-19/03/2024.
- [6] Measuring the State of Sustainable Logistics. Pablo Rocabado Soria, Guery Lobaton, Maria Cruz, Agatha Clarice da Silva Ovando, Heidi Romero, Teresa Brandi, David Correll. MIT SCALE POMS Conference 2024. Cartagena, 16-19/03/2024.
- [7] Analysis of logistics practices in last-mile retail distribution, a case study in three Latin American cities. Garcia-Pajoy, J, Villavisencio, S, Serrano, F, Chong, M, Luna, A, da Silva, A, Agreda, E, Lima, S, Gomez, Z, Hernandez, D, Paz, N. MIT SCALE POMS Conference 2024. Cartagena, 16-19/03/2024.
- [8] Challenges for education in the new era: Education and training in industry 5.0 roles. IEEE Edunine 2024. Ana Luna (expositora) Mario Chong, Agatha Clarice da Silva Ovando. Guatemala City, 10-13/03/2024.
- [9] Competitive Facility Location model for food distribution design through nanostores. 23rd IFORS Triennial Conference. Agatha Clarice da Silva Ovando (expositora), Gonzalo Mejía, Christopher Mejía-Argueta. Santiago, 10-14/07/2023.
- [10] Consumer preferences on retailers for food purchase in Sabana Centro, Colombia. 33rd Annual POMS Conference - Fostering a Better and Smarter World with POM. Agatha Clarice da Silva Ovando, Gonzalo Mejía, Christopher Mejía-Argueta. Orlando, 21-25/05/2023.
- [11] Workshop: Learning experiences for educational leadership and innovation in engineering education. 2023 IEEE World Engineering Education Conference (EDUNINE). David Ernesto Salinas-Navarro, Agatha Clarice Da Silva-Ovando, Mario Chong. Virtual, 12-15/03/2023.
- [12] Panel: Focus on Women Engineering-Toward the Next Generation. 2023 IEEE World Engineering Education Conference (EDUNINE). Carolina Del Camen Díaz Hernani, Mylene Talledo Copello, Nicole Pillaca Lizana, Agatha Clarice da Silva-Ovando, Ana Luna, Soledad Espezuía Llerena, Celfia Obregón, Carmen Bueno. Virtual, 12-15/03/2023.

- [13] Developing a sustainability culture in LATAM: a case study of a strategic inter-university alliance. 2022 IEEE IFEES World Engineering Education Forum - Global Engineering Deans Council (WEEF-GEDC). Maria Ileana Ruiz-Cantisani, Teresa Brandi, Heidi Romero, Agatha Clarice da Silva-Ovando, Denisse Lopez-Ruiz and Jocabed Becerra Soliz. Cape Town, 28/11-1/12/2022.
- [14] Geographical analysis between the relation of fresh food consumption and retailers' presence in vulnerable regions of emerging countries in Latin America. I International Conference in Food Supply Chains. Agatha Clarice da Silva-Ovando, Gonzalo Mejía Delgadillo, Carla Ocampo Terceros. Bogotá, 26-28/10/2022.
- [15] Inter-cities model proposal for potato's last mile logistics: Case study in Bogotá, Colombia and Cochabamba, Bolivia. IV Congreso Colombiano de Investigación Operativa - ASOCIO 2022 / XIX Congreso IISE Región 16. Camilo Ernesto Bejarano Cubillos, Juan David Chavarrio Rojas, Valentina Gama Gutiérrez, Paola Andrea Ospina Baracaldo, Loredana Angélica Orellana Delgadillo, María Alejandra Rojas Trigo, Agatha Clarice da Silva-Ovando, Gonzalo Mejía. Bogotá, 05-09/09/2022.
- [16] International collaborative learning initiatives for Industrial Engineering. SCALE LATAM & LAC Conference 2022. Agatha Clarice da Silva-Ovando, Gonzalo Enrique Mejía-Delgadillo. Boston, 12-15/06/2022.
- [17] System dynamics model to evaluate the applicability of a last mile distribution model served by electric bicycles. SCALE LATAM & LAC Conference 2022. Santiago Lima Urquiola, Agatha Clarice da Silva-Ovando, Abril Ando, Jocabed Becerra-Soliz, Mauricio Collao, Valeria Majluf, Natasha Oropeza, Luciano Quintana, Janin Sandoval, Antonio Vargas. Boston, 12-15/06/2022.
- [18] Raising awareness of sustainable logistics for LATAM: a collaborative inter-university approach. SCALE LATAM & LAC Conference 2022. Jocabed Becerra-Soliz, Teresa Brandi (expositora), Agatha Clarice da Silva-Ovando (expositora), Carlos Felipe Erazo Navas, Heidi Elizabeth Romero Encarnación, María Ileana Ruiz-Cantisani, Carlos Alberto Suárez-Núñez (expositor), Felix Leborgne, Daniela Betsabé Borjas-Pecina, Camila Carbone, Fernando Chavarria-Garcia, Ignacio Grehan, Gonzalo López Escrivá, Denisse Ileana López-Ruiz, Fabiola Regis-Hernández, Carolina Michelle Peralta Vasquez. Boston, 12-15/06/2022.
- [19] A Framework for Educational Innovation in Logistics and Supply Chain Management, a Research Agenda. 2022 IEEE World Engineering Education Conference (EDUNINE) . David Ernesto Salinas-Navarro (expositor), Agatha Clarice Da Silva-Ovando, Christopher Mejia Argueta, Mario Chong. Virtual, 13-16/03/2022.
- [20] Design a challenge-based learning model for higher education, an application case in a beverage company in Bolivia. 2022 IEEE World Engineering Education Conference (EDUNINE). Agatha Clarice Da Silva-Ovando (expositora), Oscar Saúl Olivares Quintana, David Ernesto Salinas-Navarro, Mario Chong. Virtual, 13-16/03/2022.
- [21] Learning Experiences About Food Supply Chain Disruptions over the COVID-19 Pandemic in Metropolis of Latin America. IISE Annual Conference & Expo 2021. David Ernesto Salinas-Navarro (expositor), Alejandra Alanis-Urbe, Agatha Clarice Da Silva-Ovando. Virtual, 23-25/05/2021.
- [22] Understanding the Behavior of the Low-Income Population When Purchasing Fruits and Vegetables. Case Study of Cochabamba (Cercado) - Bolivia. International Conference on Water Energy Food and Sustainability 2021. Agatha Clarice da Silva-Ovando, Carla Andrea Ocampo-Terceros (expositora). Virtual, 10-12/05/2021.
- [23] Sustainable Logistics and Operations Design: Sustainable Practices for Emerging Countries - Perspective of the Situation in Bolivia. International Conference on Water Energy Food and Sustainability 2021. Agatha Clarice da Silva-Ovando, Jocabed Becerra-Soliz (expositora). Virtual, 10-12/05/2021.
- [24] Experiential learning as a methodology to engage educational initiatives to operational problematics in micro companies. SCALE LATAM & LAC Conference 2021. Patricia Huanca-Cortez (expositora), Agatha Clarice da Silva-Ovando. Virtual, 21-26/03/2021.
- [25] Consumer Preferences in Last-Mile Delivery. SCALE LATAM & LAC Conference 2021. Agatha Clarice da Silva-Ovando (expositora), Luiz Barreto (expositor). Virtual, 21-26/03/2021.
- [26] Going beyond traditional approaches on industrial engineering education. IEEE Frontiers of Education 2020. David Ernesto Salinas-Navarro (expositor), Christopher Mejia-Argueta, Agatha Clarice Da Silva-Ovando, Claudia Lizette Garay-Rondero. Virtual, 21-24/10/2020.

PARTICIPATION IN OTHER EVENTS

- [1] Challenge-Based Learning workshop. EU-BEGP Meeting. Agatha Clarice da Silva Ovando. Guatemala City, 12-16/02/2024.
- [2] Outcomes of student-driven, faculty-mentored research as teaching methodology. 2023 Aston Education Leadership Colloquium. Agatha Clarice da Silva-Ovando (expositora). Virtual, 29-30/06/2023.
- [3] Experiential learning methodologies for logistics. 2022 Aston Education Leadership Colloquium. Agatha Clarice da Silva-Ovando (expositora). Virtual, 14-15/07/2022.
- [4] Challenge-based experiential learning methodologies for logistics. 2022 Aston Education Leadership Colloquium. Valeria Mendoza (expositora). Virtual, 14-15/07/2022.
- [5] System Dynamics Model for a Last Mile Distribution System Served by Electric Cargo Bikes. 5th Annual Workshop on System Dynamics in Transportation Modelling 2022. Santiago Lima Urquiola (expositor), Agatha Clarice da Silva-Ovando, Abril Ando, Jocabed Becerra-Soliz, Mauricio Collao, Valeria Majluf, Natasha Oropeza, Luciano Quintana, Janin Sandoval, Antonio Vargas (expositor). Virtual, 21/04/2022.
- [6] Armed Conflict in Ukraine: A Multidisciplinary Analysis. Conversatorio Universidad Privada Boliviana. Horacio Calvo, Andrés Laguna, Alejandro Vargas, Agatha da Silva (Perspectiva: Cadenas de Suministros). Virtual, 15/03/2022.
- [7] How to run a challenge. Erasmus EUSL-Energy and EUBBC-Digital CDL Workshop. Agatha da Silva (expositora). Virtual, 24/02/2022.

- [8] Last mile logistics. Semana Internacional de la Ingeniería y el diseño. Agatha Clarice da Silva-Ovando (expositora), Santiago Lima Urquiola (expositor). 09-12/11/2021.
- [9] Design of a distribution model for perishable food in peripheral regions of Cochabamba, Bolivia. MIT FaROL seminar. Agatha Clarice da Silva-Ovando, Carla Andrea Ocampo-Terceros (expositora), Jocabed Becerra-Soliz (expositora). Virtual, 04/05/2021.
- [10] Research projects related to food logistics and agribusiness-related research of the MIT SCALE LA network. Noches de Colaboración UTEC. Christopher Mejía-Argueta, José Larco, Claudia Antonine, Gonzalo Mejía, Agatha Clarice da Silva-Ovando, David Salinas-Navarro. Virtual, 17/09/2020.

PARTICIPATION IN FUNDED PROJECTS

- [1] *“Cacao for Peace (CfP)” program.*
 (100K) Innovation Fund by U.S. Department of Agriculture (USDA), the U.S. Agency for International Development (USAID), and the U.S. Embassy in Colombia.
 Role: Student, researcher.
 Participating Institutions: San Diego State University (United States of America), Universidad de la Sabana (Colombia), Universidad de Córdoba (Colombia).
- [2] *EU-BEGP - Modernising Digital Education in Energy Transition for Circular Economy in Latin America*
 Erasmus+ Program Funded by European Commission.
 Role: Researcher.
 Participating Institutions: Universidad de Bordeaux (France), Universidad Politécnica de Catalunya (Spain), Escuela Politécnica Nacional (Ecuador), Escuela Superior Politécnica del Litoral (Ecuador), Universidad GALILEO (Guatemala), Universidad San Pablo de Guatemala (Guatemala), Universidad Nacional de Ingeniería (Perú), Pontificia Universidad Católica del Perú (Perú), Universidad Mayor de San Andrés (Bolivia), Universidad Mayor de San Simón (Bolivia).
- [3] *EUBBC-Digital - Europe-Brazil-Bolivia-Cuba Capacity Building Using Globally Available Digital Learning Modules*
 Erasmus+ Program Funded by European Commission.
 Role: Researcher.
 Participating Institutions: Royal Institute of Technology (Sweden), Mälardalen University (Sweden), Université Libre Bruxelles (Belgium), University of Twente (The Netherlands), Universitat Politècnica de Catalunya (Spain), Rīgas Tehniskā Universitāte (Latvia), Universitatea Politehnică din București (Rumania), Universidad Mayor de San Simón (Bolivia), Universidad de Sao Paulo (Brasil), Universidad Federal de Rio de Janeiro (Brasil), Universidad Central “Marta Abreu” de Las Villas (Cuba), Universidad de La Habana (Cuba), Universidad de Pinar del Río (Cuba), Universidad Tecnológica de La Habana “José Antonio Echeverría” (Cuba).

PRIZES AND ACKNOWLEDGEMENTS

- [4] *ICETEX Scholarship 2020*
 Full funding for Ph.D. Program in Logistics and Supply Chain Management at the La Sabana University, Colombia
- [5] *VI IEEE World Engineering Education Conference (EDUNINE2022)*
 Best paper in the category “Teaching research and innovation”
 Article: “A Framework for Educational Innovation in Logistics and Supply Chain Management, a Research Agenda” with SALINAS-NAVARRO, David Ernesto, MEJIA-ARGUETA, Christopher, y CHONG, Mario.
- [6] *Global AgriInno Challenge 2020 (Zhejiang University and Food and Agriculture Organization)*
 Third prize, Project: “Sumajta Mikhuna”
- [7] *2024 Nada Sanders Emerging Economies Doctoral Student Award (EEDSA) (Production and Operations Management Society).*
 Project: “Simulating resilience: An Agent-Based Model for Nanostores Operations under Uncertainty.”
- [8] *Tarde de los mejores (Universidad de la Sabana)*
 Recognition for receiving the EEDSA Nada Sanders Award.

ADDITIONAL INFORMATION

- Languages: Portugués (native), Español (fluid), Inglés (advanced).
- Software skills: MS Office, Access, Java, VBA, MySQL, Vector Works, Solid Works, Phyton, Promodel, Vensim, Flexim, Anylogic, Photoshop.
- Diplomas in: Environmental Management, Innovation and Entrepreneurship, Higher Education.
- Diploma expert in: ISO 9001 External Auditor, Branding Management, Graphic Design Tools Management, Analytics and Data visualization with Power BI.
- Specialization Diploma in: Operations Management, Writing in Sciences, Teaching in Digital Transformation, Design of Artificial Intelligence tools, International Course on Research Culture.
- Volunteering at AIESEC (2010-2013): Vice president of Incoming Exchange in Bolivia, National Support Team for incoming Exchange in Spain.
- Mentor (2021): Engineering Health Equity Hackathon led by Massachusetts Institute of Technology.
- Mentor (2020): Latam vs Covid-19 Challenge, led by Massachusetts Institute of Technology.

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- Mentor (2020): India "Turning the tide" Covid 19 Challenge, led by the Massachusetts Institute of Technology.
 - Part of the organizing committee of the conferences:
 - MIT SCALE Conference 2022.
 - IEEE EDUNINE 2023/2024.
 - MIT SCALE POMS Conference 2024.
 - Volunteering with Animal Rescue Organizations.
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