

Ricardo Manuel Caballero González, M.Sc. RWTH

PERSONAL DATA

E-Mail: ricardo.caballero@utp.ac.pa / ricardo.m.caballero@gmail.com
Place of birth: Ciudad de David, Panamá
Nationality: Panamanian
Date of birth: 26.07.1990



EDUCATION

University
10/2015 – 03/2018 Master of Science (M.Sc.) in Management and Engineering in Production Systems,
RWTH Aachen University
Thesis: "Methodology for the design of Knowledge Management in ambidextrous SMEs by the example of Tool-making companies"

01/2009 – 12/2013 Bachelor of Science (B.Sc.) in Industrial Engineering,
Universidad Tecnológica de Panamá, Panamá
Thesis: "Analysis of the logistics platform for food products through the characterization of its distribution networks"

Intercultural exchange
08/2005 – 06/2006 High-School Exchange Program in Waldport High School, Oregon, USA
AFS Intercultural Programs

PROFESSIONAL EXPERIENCE

Since 03/2018 Juniorprofessor at the Faculty of Industrial Engineering,
Universidad Tecnológica de Panamá, Panamá.

03/2015 – 05/2015 Juniorprofessor at the Faculty of Industrial Engineering,
Universidad Tecnológica de Panamá, Panamá.

03/2012 – 03/2013 Juniorprofessor at the Faculty of Industrial Engineering,
Universidad Tecnológica de Panamá, Panamá.

TEACHING EXPERIENCE

Operations Management / Production Management	Work Studies and Ergonomics
Operations Research / Quantitative Methods	Manufacturing Processes
Applied Simulation in Logistics	Statistics & Probability

PUBLICATIONS

Caballero, R., et al. (2021), Uso de aplicaciones móviles para gestión de pedidos y hábitos de consumo en restaurantes, APANAC, pp. 464-470, <https://revistas.utp.ac.pa/index.php/apanac/article/view/3222>

Caballero, R., & González, A. (2021). Propuesta metodológica para el diseño del slotting de mercancía en centros de distribución. *I+D Tecnológico*, 17(2). <https://doi.org/10.33412/idt.v17.2.3258>
<https://revistas.utp.ac.pa/index.php/id-tecnologico/article/view/3258>

Caballero, R., & Rivera, B. (2019, October). Blockchain: An Alternative to Enable Traceability in the Agricultural Supply Chain in Panama. In *2019 7th International Engineering, Sciences and Technology Conference (IESTEC)* (pp. 46-51). IEEE. <https://ieeexplore.ieee.org/document/8943741>

PROJECTS

04/2021 – 10/2021 Characterization of food agribusiness companies in Panama
Project Management / Co-investigator (Co-I), Center for Agroindustrial Production and Research (CEPIA) of the Universidad Tecnológica de Panamá

Financed by: Development Bank of Latin America (CAF)

Financed by: Development Bank of Latin America (CAF)

SUPERVISED THESIS

Enrique Chavarría (ongoing). "Design of a knowledge management platform for small and medium sized enterprises"

Eduardo Lizondro (ongoing). "Design proposal for the distribution of a quality laboratory for the analysis of rice (paddy and white) in the mill area of the company Agrosilos S.A. in the province of Chiriquí."

Shamir Mercado (ongoing). "Design of a preventive maintenance plan to reduce operational failures at a Sugar Production Factory using the Failure Mode and Effect Analysis (FMEA)"

Yelenis Caballero & Uzzuel Stapf (2022). "Analysis and evaluation of value-added alternatives for the tomato production sector in Chiriquí"

Katia Vega (2022) "Analysis and evaluation of User and Interface Experience (UX/UI) approaches and their importance as a discipline in digital marketing in Panama"

Nathalia Martinez & Rolando Olmos (2021). "Development of a methodology for the digital transformation of traditional business models in the pharmaceutical sector"

Christopher Smith & Ana Rodriguez (2021). "Potential of the use of augmented reality and RFID for the optimization of warehousing processes"

Didimo Cruz & Susan Guerra (2021). "Methodology for the decrease of the return of goods in distribution centers through the optimization of sales and distribution processes. Case study: Brewing industry"

Melissa Zhang & Mariel Ibarra (2020): "Conceptual model for the optimization of customer-relationship-management through the digitalization of business processes"

Pablo Ureña (2020): "Analysis and characterization of the parking system in the district David"

Gyllianys Vasquez & Alison Aguirre (2020): "Analysis and characterization of the public transportation system. Case study: David, Panama"

Ariel Gonzalez (2019): "Methodology for the optimization of the slotting process in distribution centers"

Braian Rivera (2019): "Analysis of the potential of using blockchain technology to optimize processes in the agricultural supply chain"

KNOWLEDGE AND CAPABILITIES

Languages:	Spanish	●●●●●	Softwares:	MS-Office	●●●●○
	English	●●●●●		Minitab, Spss	●●●●○
	German	●●●●●		VENSIM, FlexSim, AnyLogic	●●●●○
	French	●○○○○		R	●●○○○

CERTIFICATES AND RECOGNITIONS

08/2021	Agile SCRUM Professional, Lean6Sigma Solutions
08/2021	Research Project Evaluator at the Scientific Initiation Conference (JIC), Universidad Tecnológica de Panamá
06/2021	XVIII National Congress of Science and Technology (APANAC). Panamá
11/2020	Research Project Evaluator at the Scientific Initiation Conference (JIC), Universidad Tecnológica de Panamá
09/2020	Project Evaluator of the „LATAM 100K Entrepreneurship Competition”, MIT Sloan Latin America & Instituto Tecnológico de Buenos Aires, Argentina
11/2019	7th International Engineering, Sciences and Technology Conference (IESTEC). Panamá
07/2019	Research Project Evaluator at the Scientific Initiation Conference (JIC), Universidad Tecnológica de Panamá
06/2019	Design Thinking certificate. Instituto de Estudios Superiores de Administración (IESA). Panamá
05/2019	Intercultural learning (ICL) Level W: "what every AFser should know about Intercultural Learning™ 2.0, AFS Intercultural Programs, Panamá
07/2018	Research Project Evaluator at the Scientific Initiation Conference (JIC), Universidad Tecnológica de Panamá
05/2018	Organizer of the competition „Les 24h de l'Innovation", Panamá

10/2016	Projektmanagement Workshop, ALTEN GmbH, Düsseldorf, Deutschland
09/2016	Mentor of the Senior Mentoring Program 2016, RWTH International Academy, Aachen, Deutschland.
04/2015	IV Youth of the Americas Forum. VII Summit of the Americas, Organization of American States, Panama
03/12 – 03/13.	Program for the strengthening of agroindustrial SMEs through productivity and quality (5S) Ministry of Agricultural Development and Universidad Tecnológica de Panama
04/2012	III Youth of the Americas Forum. VI Summit of the Americas, Organization of American States, Colombia
04/2012	Finalist of the Eco-Challenge. Young Americas Business Trust, Organization of American States, Colombia

SCHOLARSHIPS

06/2015 – 03/2018	Country-related cooperation program with Panama, Master 2015. Deutscher Akademischer Austausch Dienst (DAAD)
03/2013 – 12/2013	Scholarship for Bachelorstudies of the Republic of Panama Instituto para Formación y Aprovechamiento de Recursos Humanos (IFARHU)
03/2012 – 12/2013	PTP-Scholarship for University or Technical Studies Consejo del Sector Privado para la Asistencia Educacional (COSPAE)
03/2009 – 12/2013	Scholarship for Bachelorstudies Universidad Tecnológica de Panamá

ENGAGEMENT

Since 08/2006	Volunteer, AFS Intercultural Programs Panamá. <i>Local coordinator of Weltwärts, IJFD, CS programs</i> <i>Liaison of ex-change students from high-school programm</i> <i>Vice-president of the Board of Directors, AFS Intercultural Programs Panama (2019 -2021)</i>
---------------	--