

Curriculum Vitae

LOUISE BRIAN DUNSFORD

Address: 110/4, 15th Lane, Embillawaththa Road,
Boralesgamuwa, Sri Lanka

Phone : +94 112 198121

Mobile: +94 71 539 5101 / +94 76 497 3633

Email : dunsfordlb@gmail.com / dunsfordlb@wyb.ac.lk



ACADEMIC QUALIFICATIONS

2017 - 2019 : **Master of Business Administration**

Faculty of Management and Finance, University of Colombo

Research Topic : Sri Lankan consumers' preference towards imported fresh fruits: A study from the theoretical perspectives of Identity and Mindful Consumption.

Details : Two-years degree program (full time). Thesis length 45,000 words, Engaged in research individually. Published in the proceedings of International Conference on Sustainable Business Management Practices and Social Innovation (2021).

Supervisor : Dr. JW Dushan Chaminda Jayawickrama

2011 - 2015 : **Bachelor of Science of Agriculture**

Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka

Research Topic : Influence of Tree Girth on the Incidence of Tapping Panel Dryness in some *Hevea brasiliensis* clones.

Details : Four years special degree program (full time). Grade Point Average (GPA): 3.77 out of 4.00, First Class Honours

The paper was published in the 13th Agricultural Research Symposium (AGRES) at the Wayamba University of Sri Lanka.

Supervisor : Prof. RCWMRA Nugawela

- 2021 - 2022 : **Certificate Course on Staff Development**
Staff Development Center, Wayamba University of Sri Lanka
- Book Chapter Topic : Distance Mentoring in Higher Education
- Details : The course designed for lecturers to adapt to achieve the mission of the university, enhance capacity of teaching with new techniques, develop the skills and abilities as a researcher, develop reflective practices and do action research in teaching and learning.
- The book chapter was published in the book “Managing the Teaching-Learning Environment during Turbulent Time” by Staff Development Center, Wayamba University of Sri Lanka. ISBN: 978-624-5564-58-3 | 978-624-5564-59-0 (E-copy)

PROFESSIONAL QUALIFICATIONS

- **Lecturer (Probationary)**
Department of Plantation Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka.
2021 August – to date
- **Quality Manager | Air Traffic Control Training Wing**
Civil Aviation Authority of Sri Lanka
2018 – 2021

Scope: Assuring Quality in Civil Aviation Training under the accreditation of Approved Training Organization (ATO) offered by Civil Aviation Authority of Sri Lanka.
- **Quality Assurance Officer**
Sri Lanka Airport and Aviation Academy
2016 – 2021

Scope: Within the broad scope of chapter 04 of International Civil Aviation Organization (ICAO) Doc. 9841; Assists in the implementation of training quality standards established by the Sri Lanka Airport and Aviation Academy, Train staff on QMS, conduct observations, activity sampling, analysis, and report preparation on findings, defend in international audits.

- **Demonstrator**

Department of Plantation Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka.

2015 – 2016

Scope: Demonstrator and tutor for subjects; Principles of Agricultural Engineering and Farm Machinery, Fundamentals of Animal Science, Animal Production, Estate and Financial Management, Marketing of Plantation Crop Products, Resource Management in Plantations.

- **Management Trainee**

DSI Samson Group

2014 – 2015

Scope: Within the tenure performed duties as the accountable officer in all HR related activities at ‘Samtessi Brush Manufacturers (Pvt) Ltd.’ Ensured Quality standards on factory flow. Worked on reclaiming ISO 9001 Quality Certificate.

- **President/CEO**

“MUSHKIDZ” Company

2011 – 2014

Formed and functioned as an independent organization inside Wayamba University under Mandate of Young Entrepreneurs Sri Lanka.

TEACHING AND RESEARCH INTEREST

- Estate and Factory Performance
- Agricultural Resource Management
- Consumer Preference
- Organic Agriculture and Mindful Consumption
- Rubber, Tea, Coffee: Agronomy and Processing
- Agriculture Economics and Business Management

TEACHING EXPERIENCE

- For the Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka.

Undergraduates: BSc. Agriculture

- PM 31092 – Plantation Crop Production

- PM 31112 – Rubber Production and Processing
- PM 31162 – Marketing and Quality Management
- PM 32182 – Estate and Financial Management
- PM 32172 – Resource Management in Plantations
- PM 32282 – Rubber Based Product Development
- CG 41011 – Professional and Employment Skill Development

Undergraduates: Bachelor of Bio System Engineering

- BST 31313 – Harvesting and Processing Technologies of Plantation Crop Produce

Diploma in Plantation Management

- DAPM 11034-C2 Commercial Plantation Crops
- DAPM 11034-C3 Field Crops and Export Agricultural Crops

RESEARCH PUBLICATIONS

Conference Proceedings – Abstracts

- Darshika, G. D., **Dunsford, L. B.**, Gajanayake, B., Abeywickrama, R. W., & Weerakoon, T. C. (2022). Determination of sugar adulterations in high-grown orthodox black tea (*Camellia sinensis*) using high-performance liquid chromatography technique. *Proceedings of the Young Scientists' Conference on Multidisciplinary Research* (p. 6). Kandy: Young Scientists' Association (NIFS-YSA).
- **Dunsford, L. B.**, Dissanayake, I. D., Nuwarapaksha, T. D., Weerasinghe, K. S., & Gajanayake, B. (2020). Performance evaluation of coconut estates: developing an index to evaluate performance of coconut estates managed by Kurunegala Plantations Ltd. *13th International Research Conference-Basic Applied Sciences: Abstracts* (p. 15). Colombo: General Sir John Kotelawala Defence University.
- Nuwarapaksha, T. D., Liyanage, K. B., Pushpakumara, A. S., Karunarathne, K. M., **Dunsford, L. B.**, & Gajanayake, B. (2021). Factors Associated with the Technical Efficiency among Coconut Smallholders: A Case study in Kurunegala District of Sri Lanka. *25th International Forestry and Environment Symposium* (p. 65). Sri jayawardenapura: University of Sri Jayawardenapura, Sri Lanka.
- Nuwarapaksha, T. D., Liyanage, K. B., Pushpakumara, A. S., Weerasinghe, K. S., **Dunsford, L. B.**, & Gajanayake, B. (2021). Developing an index to evaluate

tea estate performance in up-country region of Sri Lanka. *International Symposium on Agriculture & Environment* (p. 57). Kamburupitiya: Faculty of Agriculture, University of Ruhuna, Sri Lanka.

- Weerawardana, I. C., & **Dunsford, L. B.** (2022). Evidence of the continuation of gendered space in the modern world: A case of air navigation field in Sri Lanka. *Proceedings of the Young Scientists' Conference on Multidisciplinary Research* (p. 90). Kandy: Young Scientists' Association (NIFS-YSA).

Conference Proceedings – Full Paper

- Darshika, G. D., **Dunsford, L. B.**, Abeywickrama, R. W., Weerakoon, T. C., & Gajanayake, B. (2022). Determination of fructose, glucose and sucrose levels in high grown black tea (*Camellia sinensis* (L.) O.Kuntze) using high performance liquid chromatography technique. *Proceedings of 20th agricultural research symposium* (pp. 574-578). Makandura: Faculty of Agriculture and Plantation Management.
- **Dunsford, L. B.**, & Jayawickrama, W. C. (2021). Mindful Consumption of Imported Fresh Fruits: Experiences of Sri Lankan Consumers. *Sustainable Management with Special focus on Dilemmas of Business Oriented Management* (pp. 299-310). Maharashtra: Eureka Publications.
- **Dunsford, L. B.**, & Nugawela, R. (2014). Influence of Tree Girth on the Incidence of Tapping Panel Dryness in some *Hevea brasiliensis* clones. *Proceedings of 13th Agricultural Research Symposium*. Makandura: Wayamba University of Sri Lanka.
- **Dunsford, L. B.**, Dissanayake, I. D., Nuwarapaksha, T. D., Weerasinghe, K. S., & Gajanayake, B. (2020). Performance evaluation of coconut estates: developing an index to evaluate performance of coconut estates managed by Kurunegala Plantations Ltd. *13th International Research Conference - Proceedings* (pp. 34-39). Colombo: General Sir John Kotelawala Defence University.
- Indrarathne, C. J., Johnpillai, V. B., **Dunsford, L. B.**, Karunarathne, H. I., & Gajanayake, B. (2016). Quality decline associated with non-adoption of good manufacturing practices of orthodox black tea in Sri Lanka. *Proceedings of 15th Agricultural Research Symposium* (pp. 378-382). Makandura: Wayamba University of Sri Lanka.
- Kularathne, G. L., **Dunsford, L. B.**, Jayawardena, M. K., & Gajanayake, B. (2022). Performance evaluation of orthodox black tea factories in low country

of Sri Lanka: An Index-Based approach. *Proceedings of 20th agricultural research symposium* (pp. 624-628). Makandura: Faculty of Agriculture and Plantation Management.

- Rajakaruna, J. C., **Dunsford, L. B.**, Weerakoon, T. C., Guruge, K. C., & Gajanayake, B. (2022). Effectiveness of utilizing cattle urine and fish tonic to enrich organic fertilizer and soil nutrition in tea estates. *Proceedings of 20th agricultural research symposium* (pp. 669-673). Makandura: Faculty of Agriculture and Plantation Management.
- Wijesinghe, D. P., Gajanayake, B., Shyamalie, H. W., **Dunsford, L. B.**, & Jayawardhane, S. D. (2022). Occupational safety, health hazards and productivity of plantation workers in tea sector of Sri Lanka: A case study at St. Coombs estate, Talawakelle. *Proceedings of 20th agricultural research symposium* (pp. 709-713). Makandura: Faculty of Agriculture and Plantation Management.

RESEARCH SUPERVISION – Ongoing (for undergraduates)

1. Development of an automated trough system to enhance the efficiency of withering process in tea manufacturing – Research project with final year undergraduate student group of Bachelor of Bio System Technology: Almost finalized and ready to be published as a book chapter.
2. Evaluation of the impact of fertilizer application using Unmanned Aerial Vehicle (UAV) technology in Sri Lankan tea (*Camellia sinensis* (L.) O. Kuntze) cultivation
3. Determination of effect of firewood moisture on made tea output in black tea manufacturing.
4. Identification of supply chain vulnerability factors in Sri Lankan tea industry.
5. Effect of vermiwash and combined effect of vermiwash and inorganic liquid fertilizer as foliar application on the yield and cost of production of tea manufacturing.
6. Evaluation of ideal firewood mix as thermal energy source for tea (*Camellia sinensis*) drying process in upcountry, Sri Lanka.
7. Determination of caffeine content of coffee by changing its processing criteria.
8. Impact of incorporating beekeeping system for oil palm plantation
9. Determination of sugar content (Glucose, Fructose and Sucrose) which effect on quality of seasonal teas

10. Potential for web based experiential tourism in Sri Lankan spice gardens: A study from Matale divisional secretary division.
11. Performance of Microfinance Service in “ஐதழ்” Women Farmers’ Organizations: A Study in Mahawewa Divisional Secretariat in Puttlam District.

AWARDS

- **Gold medal** for best performances in major plantation crop modules: Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka in 11th General Convocation (awarded on 30.04.2015).
- **Best Presenter** in 13th International Research Conference: Technical session – Basic Applied Sciences, General Sir John Kotelawala Defense University, Sri Lanka (awarded on 15.10.2020)
- **Silver Award** for Green Team; Lead the team inside Airport and Aviation Academy to maintain green environment in all aspects. Awarded by Airport and Aviation (SL) Ltd. in “Sewa Abhimani” contest held on 17.09.2020.

INDUSTRY COLLABORATIONS

- Coordinated and lead the faculty of agriculture and plantation management, Wayamba University of Sri Lanka to sign a Memorandum of Understanding (MOU) with Horan Plantations PLC in the year 2021. Currently both parties get benefits. Many avenues are opened to conduct research and sharing technical know how helps the company to increase the quality and quantity of production in their plantations.

WORKSHOPS/ TRAINING ATTENDED

- Workshop on ‘Tea Tasting’ organized by Wayamba University of Sri Lanka in collaboration with ‘Kahawatte Plantations PLC’ on 6th August 2013.
- Workshop on Leadership, Life Skills, and Career Development Conducted by the Institute of Personnel Management Sri Lanka (IPM) in 2013.
- Workshop on Leadership, soft skills and Career development (“The final step”) Conducted by John Keels PLC in November 2014.

- Quality Assurance awareness; ISO 9001: 2018 in Sri Lanka Standards Institute (2019)
- Advanced Certificate in Human Resource Management at National Institute of Business Management (NIBM).
- English Language course at British Council, Sri Lanka.
- Computer Maintenance and Troubleshooting (Hardware) at Technical College, Kurunegala.
- Web Designing at Dream Team, Kurunegala.
- Certificate in Computer Studies at School of Electronics, Kurunegala

RESPONSIBILITIES UNDERTAKING IN THE UNIVERSITY

- **Senior Treasurer** - Wayamba University Chess Club
- **Faculty Coordinator – Career Guidance Unit**, Wayamba University of Sri Lanka
- **Faculty Coordinator – External Affairs** - Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka

EXTRA-CURRICULAR ACTIVITIES & ACHIEVEMENTS

At Wayamba University of Sri Lanka (as an undergraduate):

- Member of University Chess Team – Participated in Sri Lankan University Games (2013).
- Member and Captain of Faculty Chess Team – 2nd Runner up (2011).
- Member of Faculty Elle Team – Runner up (Inter Faculty Championships: 2011).
- Member of Faculty Badminton Team – Runner up (Inter Faculty Championships: 2012).
- Member of Faculty Volleyball Team – Third place (Inter Faculty Fresher's Championships: 2011).
- Member of Faculty Basketball Team – (Inter Faculty Fresher's Championships: 2011).

- Active member of Agricultural Research Symposium (AGRES) 2014 organizing committee: Student Coordinator of the Advertising and Marketing Committee.
- Passed University Test for English Language (UTEL) conducted by HETC project in collaboration with Ministry of Higher Education of Sri Lanka (Band Score: 6.0).
- Passed Basic Level of University Students' Competency Test of Information Technology (UCTIT) conducted by HETC project in collaboration with Ministry of Higher Education of Sri Lanka.

At St. Anne's College, Kurunegala:

- Junior Prefect (2000-2001).
- Senior Prefect (2005-2006).
- Super Senior Prefect (2006-2007).
- Treasurer of the College catholic Society (2006-2007).
- Member of the College Chess Team and served as the team captain (1996-2003).
- Committee member of the College Science Association (2006-2007).
- Member of the College Junior Band (1997-2004).

REFEREES

Prof. Bandara Gajanayake Ph.D. (USA)

Department of Plantation
Management,
Faculty of Agriculture & Plantation
Mgt.,
Wayamba University of Sri Lanka.
+94 70 121 1335 / +94 76 625 5959
gajawyb@yahoo.com

Dr. J.W. Dushan Chaminda Ph.D. (Aus)

Senior Lecturer,
Department of Marketing Management,
Faculty of Management Studies &
Commerce,
University of Sri Jayawadenapura,
Nugegoda, Sri Lanka.
+94 71 401 1489
dushan@sjp.ac.lk

I do hereby declare that the above particulars are true and correct to the best of my knowledge.

L.B. Dunsford



Date: 21.01.2023