Lucas de Bail Ribas

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EDUCATION

2024 – pres. Georgia State University, Atlanta, United States.
PhD, Applied Linguistics
Expected Graduation: December 2028 *

2023 – 2024 Georgia State University, Atlanta, United States.
M.A., Applied Linguistics
Master's Paper: Investigating Filled Pauses in the Air Traffic Control
Domain

2016 – 2021 Technological Federal University of Paraná, Curitiba, Brazil.
Licenciatura, Letras Inglês
Undergraduate Thesis: Intelligibility during Runway Incursions

2013 – 2014 School of Aeronautics Specialists, Guaratinguetá, Brazil.
Air Traffic Control Program

EMPLOYMENT

2019 – 2022 *Brazilian Air Force*
On-the-Job Training Instructor
Carried out instruction for Approach Control to Air Traffic Control
Trainees. Participated and led Air Traffic Management meetings
to assist in the development of standardized procedures, best
practices, and Letters of Agreement.

2015 – 2022 *Brazilian Air Force*
Aviation English Instructor
Taught Aviation English to pre-service and in-service Air Traffic
Controllers. Developed ESP (English for Specific Purposes)
teaching material for Aviation English. Served as a Course
Monitor in the English for Air Traffic Control (EATC) program by
Embry-Riddle Aeronautical University.

* About to complete coursework and transition to the dissertation stage (done remotely and part-time).
Available for appointment beginning April 2026.

2015 – 2022	*Brazilian Air Force*
	Aviation English Examiner
	Worked as an interviewer and analytical rater for EPLIS, the English proficiency exam for Air Traffic Controllers in Brazil. Advised the team as a subject-matter expert of Air Traffic Control.
2013 – 2022	*Brazilian Air Force*
	Air Traffic Controller
	Controlled air traffic above the state of Paraná through radiotelephony communications, preventing collisions between aircraft. Expedited and maintained an orderly flow of air traffic within a designated portion of Brazilian airspace.

PROFESSIONAL SERVICE

2023 – pres.	*International Society of Air Safety Investigators (ISASI)*
	Human Factors Working Group (HFWG) Member
	I conduct research and support aviation safety investigators in human factors. Currently I am working on the "Communication" section of the upcoming ISASI Human Factors Handbook.
2022 – pres.	*Embry-Riddle Aeronautical University*
	Language as a Human Factors in Aviation (LHUFT) Committee Member
	I periodically review accident investigations in order to identify the role of language-related factors in aviation. I write scripts in Python to automate processes in the Accident Investigation Database project.

PUBLICATIONS

Ribas, L. M. de B. (2020). Speech Intelligibility during Runway Incursions (Trabalho de Conclusão de Curso, Licenciatura em Letras Inglês). Universidade Tecnológica Federal do Paraná. *Repositório Institucional.*

van Leer, E., Ribas, L., Won, M., Luan, T., & Curtis, M. L. (2025). The Effect of Intentional Voice Quality Alteration on Mental Effort as Measured via Pupillometry and Self-Report Scales. *Journal of Speech, Language, and Hearing Research, 1-15.*

PRESENTATIONS

March 2026	LPP for Airfield Drivers: Investigating Aviation English beyond Pilot-ATC interactions **American Association of Applied Linguistics (AAAL) Conference 2026.** Chicago, United States
March 2025	Empowering Immigrants through an ESL Curriculum for Healthcare **TESOL International Association (TESOL) Conference 2025.** Long Beach, United States
February 2025	Effect of Intentional Voice Quality Change on Mental Effort Assessed via Pupillometry and Self-Report **Georgia State University (GSU) Graduate Student Conference 2025.** Atlanta, United States
March 2024	Uhm: Investigating Filled-pauses in the Air Traffic Control Domain **American Association of Applied Linguistics (AAAL) Conference 2024.** Houston, United States
October 2024	Implementing A Language Rights Lesson Plan In English Language Learning Programs **16th Health Literacy Annual Research Conference (HARC)** Virtual Poster Presentation.
October 2024	Filler Sounds in Radiotelephony Communications **Embry-Riddle Aeronautical University (ERAU) SME Coffee Hour 2024.** Remote.
November 2023	Webinar on Teaching Comprehension in Aeronautical English **De La Salle University (DLSU) ILAS TALKS 2.** Remote Webinar.
September 2023	(…) Subject Matter Expert-Language Expert (SME-LE) Collaboration **International Civil Aviation English Association (ICAEA) Conference 2023.** Istanbul, Turkey
July 2023	Sociolinguistics and English as a Lingua Franca (in Aviation English) **Embry-Riddle Aeronautical University (ERAU) SME Coffee Hour 2023.** Remote.

TEACHING ASSISTANTSHIPS

Spring 2026
Graduate Teaching Assistant
Georgia State University
Assists in the undergraduate course "Language and Mind", led by Dr. Sara Rosen.

Fall 2024 - Present
Intensive English Program Instructor
Georgia State University
Instructor of Record.

Spring 2024 - Summer 2024
ESL for Healthcare Instructor *(Community-based Project)*
Georgia State University
Taught English as a Second Language to Afghan adult learners.

Fall 2023
ESL for Parents Instructor *(Community-based Project)*
Georgia State University
Taught English as a Second Language to Spanish-speaking adult learners.

Spring 2023
Intensive English Program Tutor
Georgia State University
Provided language support to international students enrolled in the Intensive English Program.

RESEARCH ASSISTANTSHIPS

Spring 2024 - Fall 2025
Research Assistant
GSU Voice Treatment Lab (Dr. Eva van Leer)
Analyzed eye-tracking and pupillometry data to provide graphic representations for research.

ADDITIONAL INFORMATION

Natural Languages: Brazilian Portuguese, English and French.

Programming Languages: Python, JavaScript, and R.