


## Cindy Barreto

Ph.D. student, Ecology and Evolutionary Biology  
University of Connecticut

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## Research interests

Animal behavior; Bird anatomy and physiology; Conservation Biology; Ecosystems ecology; Ecotoxicology; Environmental health; Environmental management strategies; Environmental risks for biodiversity richness; Evolution; Genomics; Migration and Movement tracking.

## Education

**Philosophy Doctor (Ecology and Evolutionary Biology)**, University of Connecticut (UConn)

- Study emphasis: Conservation genomics of Roseate and Common terns.
- Advisor: Prof. Dr. Margaret Rubega
- Expected Completion: 2026

**Master of Science (Biology of Freshwater Ecosystems)**, Universidade Federal do Rio Grande (FURG), Brazil

- Dissertation: Waterbirds as bioindicators of contamination by metals in southern Brazil wetlands.
- Advisors: Prof. Dr. Leandro Bugoni, Dr. Adalto Bianchini

**Licentiate of Science (Biological Sciences)**, Universidade Federal de Pelotas (UFPEL), Brazil

- Monograph: Autobiography as an instrument of reflection about my career as a teacher.
- Advisors: Prof. Dra. Cristhianny Bento Barreiro. Co-Supervisors: Prof. Dra. Rita Cossio Rodriguez and M.Ed. Livian Lino Netto

**Bachelor of Technology (Environmental Management)**, Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL), Brazil

- *Valedictorian*
- Monograph: Use of cyanobacteria as indicators of pollution degree in water resources.
- Advisor: Prof. M.Sc. Régis da Silva Pereira

## Awards

2020 – present	<b>Harriott Fellowship</b> , University of Connecticut
2019	<b>Helmut Sick Award</b> , Brazilian Ornithological Society (SBO)
2015 – 2018	<b>CNPq Researcher Fellowship</b> , National Council for Scientific and Technological Development (CNPq) and Chico Mendes Institute for Biodiversity Conservation
2012 – 2013	<b>Emerging Leaders in Americas Program (ELAP)</b> , Graduate Student Fellowship, Government of Canada
2011	<b>CAPES Master's degree Fellowship</b> , Coordination for the Improvement of Higher Education Personnel
2010	<b>PIBID/CAPES – Teaching Initiative Program Fellowship</b> , Coordination for the Improvement of Higher Education Personnel
2009 – 2010	<b>Scientific Initiation Fellowship</b> , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense
2009	<b>General Chemistry Tutor Fellowship</b> , Universidade Federal de Pelotas
2008 – 2009	<b>Scientific Initiation Fellowship</b> , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense
2009	<b>Morphology and Systematics of Cryptogams Tutor Fellowship</b> , Universidade Federal de Pelotas

## Experiences

### Research

2022	<b>Research Assistant</b> , University of Connecticut - Field tasks and crew management, and bird data collection, and molecular analysis in the Galapagos, Ecuador (Spring 2022).
2018 – 2021	<b>Senior Researcher (Environmental Analyst)</b> , Rede Rio Doce Mar (RRDM), Aquatic Biodiversity Monitoring Program, Fundação Espírito-Santense de Tecnologia. Affiliation: Waterbirds Laboratory, Universidade Federal do Rio Grande - Analysis of trace elements and organic contaminants in seabirds, bird field sampling, and general laboratory duties.
2015 – 2018	<b>Researcher</b> , National Research Center of Marine Biodiversity Conservation – Southern Brazil Unit, Chico Mendes Institute for Biodiversity Conservation (ICMBio) - Collect and analyze data, semiannual reports, meetings participation/organization, and elaboration of a national plan for freshwater environments conservation in southern Brazil.

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## Teaching

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2021 – present	<b>Teaching Assistant</b> , University of Connecticut - Courses: 2244 - General Ecology (Spring and Fall 2024); 4230W - Methods of Ecology (Fall 2023, Guest Lecturer: Biodiversity indices); 2208E - Introduction to Conservation Biology (Spring 2023); 2214 - Biology of the Vertebrates (Fall 2021 and Fall 2022, Guest Lecturer: Bird mating systems).
2020	<b>Summer Course Instructor</b> . Birds Biodiversity and Ecology, <i>V Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester</i> .
2019	<b>Summer Course Instructor</b> . Birds Biodiversity and Ecology, <i>IV Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester</i> .
2018	<b>Summer Course Instructor</b> . Birds Biodiversity and Ecology, <i>III Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester</i> .
2017	<b>Summer Course Instructor</b> . Birds Biodiversity and Ecology, <i>II Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester</i> .
2012 – 2013	<b>Educational Coordinator</b> , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense - Major: Post-secondary in Baker Assistant. Management of human and financial resources, overall course planning, assessments review, and weekly reports review and preparation.
2010 – 2013	<b>Instructor</b> , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense - Courses: 1105 - Applied Biology; 1106 - Environmental Management and Sustainability; 1203 - Health, Security, and Human Resources; 1208 - Communication Techniques; 2203 - Biosecurity; 2204 - Environmental Management; 2402 - Atmospheric Emissions; 2707 - Biomonitoring; 3306 - Water Treatment; 3407 - Microbiology; 4306 - Food Security and Health (Statistics); 4601 - Environmental Remediation and Conservation.

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## Mentorship

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2023 – present	<b>Scientific initiation advisor</b> , University of Connecticut - Milo Terifay, undergraduate student. Project: Egg morphology of Roseate and Common terns.
2021	<b>Scientific initiation advisor</b> , University of Connecticut - Alyson Tomaszewski and Xingya Zhao, undergraduate students. Project: Effects of nestling cross-fostering on nestling and parental behavior of Eastern bluebirds ( <i>Sialia sialis</i> ).
2019 – 2021	<b>Scientific initiation advisor</b> , Universidade Federal do Rio Grande - Cheyenne Soler, student of Bachelor of Biological Sciences. Project 1: Reproductive biology of Pelecaniformes at an estuarine island in Southern Brazil. Project 2: Taphonomy associated with reproduction of Pelecaniformes in Southern Brazil.
2016 – 2020	<b>Monograph co-advisor</b> , Universidade Federal do Rio Grande - Augusto Sastre Krauze, student of Bachelor of Oceanography. Project: Archipelagos and colony origins of <i>Calonectris borealis</i> and <i>Calonectris diomedea</i> in two wintering sites in Brazil.
2018 – 2019	<b>Scientific initiation advisor</b> , Universidade Federal do Rio Grande - Leonardo Oliveira Soares, student of Bachelor of Biological Sciences. Project: Lateral subsidies from aquatic to terrestrial environments mediated by vertebrates: similarities and contrasts between marine and estuarine islands.
2018 – 2019	<b>Monograph co-advisor</b> , Universidade Federal do Rio Grande - Gabriela de Oliveira, student of Bachelor of Biological Sciences. Project: Concentration and origins of contamination by cadmium and lead in Trindade Petrel, <i>Pterodroma arminjoniana</i> .
2012	<b>Monograph co-advisor</b> , Universidade Federal de Pelotas - Mônica Lopes Moreira, student of Bachelor of Technology in Environmental Management. Project: Management plan for cemetery waste.
2012	<b>Scientific initiation advisor</b> , Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense - Alice Cardoso de Ávila and Marciana Rubira Maciel, students of Bachelor of Technology in Environmental Management. Project: Swine waste management and implementation of cleaner production in small farms. - Marciana Rubira Maciel, student of Bachelor of Technology in Environmental Management. Project: Waste management of furniture manufacture. - Paola Costa Oliveira and Tamara Pirez, students of Bachelor of Technology in Environmental Management. Project: Macrophytes as bioindicators of environmental quality. - Renata Pinto, students of Bachelor of Technology in Environmental Management. Project: Lichens as bioindicators of air quality.
2011	<b>Monograph advisor</b> , Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense - Débora Kickhofel Moraes, student of Technician in Environmental Management. Project: Responsibilities of an environmental technician at water treatment stations. - João Luiz Nobre, student of Technician in Environmental Management. Project: Environmental Management of fishing lead.

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## Service and Volunteer

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present	<b>Finance Committee</b> , Graduate Student Senate, University of Connecticut - Analyze and discuss funding requests of Graduate Students Organizations, create and approve the Graduate Student Senate budget, and manage financial resources.
present	<b>Secretary</b> , Graduate Students Book Club, University of Connecticut - Founding member of the Graduate Students Book Club, represent and advocate for the graduate students, organize meetings and taking notes, vote and communicate activities and decisions regarding students' interests, and manage financial resources.

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## Service and Volunteer (continuation)

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2024	<b>Event panelist</b> , <i>34th EEB Graduate Symposium, University of Connecticut</i> . Local Academic Meeting. <b>Talk:</b> Gastal SB, <b>Barreto CT</b> , Mascaranhas C, Bugoni L (2024) Nasal mites in seabirds and shorebirds.
2023 – 2024	<b>Graduate Student Senator</b> , Ecology and Evolutionary Biology Graduate Student Association (EEB-GSA), University of Connecticut - Represent and advocate for the EEB-GSA and graduate students in general, vote and communicate activities and decisions regarding graduate students' interests, and financial resources management.
2021	<b>Peer reviewer (ad-hoc)</b> , Pan-American Journal of Aquatic Sciences - Journal of aquatic sciences, covering topics such as limnology, ecology, biodiversity.
2021	<b>Event panelist</b> , <i>31st EEB Graduate Symposium, University of Connecticut</i> . Local Academic Meeting. <b>Talk:</b> <b>Barreto CT</b> (2021) Concentrations of cadmium in egrets and spoonbills: influence of colony location, tissue, and foraging strategies.
2021	<b>Event panelist</b> , <i>Tuesday Evening Seminars (TES), Department of Ecology and Evolutionary Biology, University of Connecticut</i> . Local Meeting. <b>Talk:</b> Caseiro-Silva F, Faria FA, <b>Barreto CT</b> , Fernandez CN, Bugoni L (2021) Colonial waterbirds provide persistent subsidies to swamp forests along an estuarine island food chain.
2020 – 2023	<b>Alternate Graduate Student Senator</b> , Ecology and Evolutionary Biology Graduate Student Association (EEB-GSA), University of Connecticut - Represent and advocate for the EEB-GSA and graduate students in general as a representant for the senator, vote and communicate activities and decisions regarding graduate students' interests, and financial resources management.
2020	<b>Peer reviewer (ad-hoc)</b> , Ornithologia - Journal of ornithology, covering topics such as ecology and conservation of wild bird.
2020	<b>Event panelist</b> , <i>Tuesday Evening Seminars (TES), Department of Ecology and Evolutionary Biology, University of Connecticut</i> . Local Meeting. <b>Talk:</b> <b>Barreto CT</b> (2020) Trace elements levels in seabirds: a comparison between before and after a dam failure event in Brazil.
2018	<b>Workshop Instructor</b> , <i>XXX Semana Nacional de Oceanografia</i> . National Academic Meeting. <b>Course:</b> <b>Barreto CT</b> , Fernandez CN, Gaiotto JV, Costa LASM, Soares LO, Muraro V (2018) Scientific taxidermy of marine birds and Shorebirds.
2018	<b>Workshop Instructor</b> , <i>XX Jornada Biológica FURG</i> . Academic Meeting. <b>Course:</b> <b>Barreto CT</b> , Oliveira G, Fernandez CN, Gaiotto JV (2018) Seabirds and Shorebirds.
2018	<b>Event moderator</b> , <i>Oficina de Consolidação do PAN Lagoas do Sul, ICMBio</i> . National Meeting. Discussion: <b>Barreto CT</b> (2018) Consolidation of the National Plan for Conservation of Freshwater Ecosystems in Southern Brazil – PAN Lagoas do Sul.
2017	<b>Event moderator</b> , <i>Oficina de Elaboração do PAN Lagoas do Sul, ICMBio</i> . National Meeting. Discussion: <b>Barreto CT</b> (2017) Elaboration of the National Plan for Conservation of Freshwater Ecosystems in Southern Brazil – PAN Lagoas do Sul.
2011 – 2018	<b>Research Collaborator (volunteer)</b> , Waterbirds Laboratory, Universidade Federal do Rio Grande (FURG) - General laboratory attributions included bird capture using different techniques such as mist nets, woosh nets, hand sampling, and night-lighting; sampling and banding of shorebirds, seabirds, waterbirds and passerine; data analysis; stable isotope analysis; trace elements and organic contamination analysis; semiannual reports; and meetings participation/organization.
2012	<b>Event panelist</b> , <i>II Semana do Meio Ambiente UFPEL</i> . Academic Meeting. <b>Talk:</b> <b>Barreto CT</b> (2012) Management of Conservation Units: use of bioindicators for environmental quality monitoring.
2012	<b>Research Collaborator (volunteer)</b> , Solidarity Economy Unit (NESOL), Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense - Co-advisor of undergraduate students; data collection and analysis; research in Solidarity Economy, Environmental Management, and Waste Management; social projects.
2011 – 2012	<b>Research Collaborator (volunteer)</b> , Narrative Studies in Education Group (GENE), Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense - Data collection and analysis; research in Education; meeting organization and taking notes.
2010 – 2012	<b>Principal Investigator</b> , Bioindicators of Environmental Quality Research Group, Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense - Founded the research group and advised undergraduate students conducting research on environmental monitoring and bioindicators (see mentorship for the list of projects).
2010	<b>Event panelist</b> , <i>Nicho do Conhecimento Pedagógico</i> . Lectures cycle. <b>Talk:</b> <b>Barreto CT</b> , Araujo LT (2010) Popular Education.
2010	<b>Event moderator</b> , <i>II Fórum Mundial de Educação Profissional e Tecnológica</i> . International Forum. Round table: <b>Barreto CT</b> , Leitzke CP (2010) Minimization of environmental impacts: the role of cooperatives in separation/gathering of residues in the Federal Institutes Sphere.
2010	<b>Events coordinator</b> , Universidade Federal de Pelotas and Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense - Events: “O Maravilhoso Mundo dos Esportes” (Lectures cycle); “II Semana Acadêmica do Curso Superior Tecnologia em Gestão Ambiental” (Academic meeting); “Fazendo Ciência com Darwin” (Lectures cycle); “XI Semana Acadêmica da Biologia” (Academic meeting).

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## Service and Volunteer (continuation)

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2010	<b>Committees member</b> , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense - Committees: 1) Pedagogic Course Project of Bachelor in Technology Environmental Management evaluation committee (first author of the reviewed version of the Project of Bachelor in Technology Environmental Management); 2) Fellowship evaluator (CV evaluation and fellow selection for the project “Environmental education through actions”, Technician in Environmental Management); 3) Fellowship evaluator (CV evaluation and fellow selection for the project “Study of waste reuse and recycle techniques for the scholar community and its neighborhood”, Technician in Environmental Management); 4) Campus Waste Management (co-author of the waste management plan, resources management, meeting organization, and representation of the committee for decisions regarding waste management on campus).
2010	<b>Webpage designer</b> , Technician in Agroindustry major, Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense - Author of the course webpage “Environmental Management” for technician and undergraduate students in Agroindustry.
2009 – 2010	<b>Technician (volunteer)</b> , Environmental Studies Unit (NEMAPEL), Universidade Federal de Pelotas - Data collection and analysis; research in Environmental Management.
2009 – 2010	<b>Secretary</b> , Academic Directory of Biological Science (DACB), Universidade Federal de Pelotas - Represent and advocate for the Biological Sciences students, organize meetings and taking notes, vote and communicate activities and decisions regarding students’ interests, and manage financial resources.
2009	<b>Event panelist</b> . <i>II Ciclo de Palestras Sócioambientais</i> . Lectures cycle. <b>Talk: Barreto CT</b> , Meinerz LI (2009) Phycotoxicity as a consequence of eutrophication.
2009	<b>Academic Tutor (volunteer)</b> , Advanced Calculus for undergraduate courses, Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense - Extra-class activities and laboratory to help students improve their grades in Advanced Calculus.

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## Publications

\*Only available in Portuguese

### Scientific Journals

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In review	<b>Barreto CT</b> , Bianchini A, Morrissey C, Faria, FA, Bugoni L. Lead and cadmium levels in egrets and spoonbills in southern Brazil: influence of colony location. <b>Submitted to Ecotoxicology</b>
2023	Caseiro-Silva F, Faria FA, <b>Barreto CT</b> , Fernandez CN, Bugoni L. (2023) Colonial waterbirds provide persistent subsidies to swamp forests along an estuarine island food chain. <b>Oecologia</b> 202: 113-127
2022	Nunes GT, Efe MA, <b>Barreto CT</b> , Gaiotto JV, Silva AB, Vilela F, Roy A, Bertrand S, Costa PG, Bianchini A, Bugoni L (2022) Ecological trap for seabirds due to contamination caused by the Fundão dam collapse, Brazil. <b>Sci Total Environ</b> 807(2): 151486

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### Didactic Books

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2011	<b>Barreto CT</b> , Zibetti VK (2011) Waste treatment volume III: atmospheric emissions, soil waste, and effluents. Didactic material of Technician in Biofuels course *
2011	<b>Barreto CT</b> , Zibetti VK (2011) Waste treatment volume IV: agribusiness waste treatment and water reuse. Didactic material of Technician in Biofuels course *
2011	Zibetti VK, <b>Barreto CT</b> (2011) Fundaments of Ecology. Didactic material Technician in Biofuels course *

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### Book chapters

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In Press	<b>Barreto CT</b> , Faria FA, Serafini PP, Paludo D (2023) Migratory birds dynamics. In: Sociobiodiversidade e dinâmicas no território do PAN Lagoas do Sul.*
2020	Alves PRP, Palma-Silva C, Krob AJD, <b>Barreto CT</b> , Albertoni EF (2020) Research on effects of climate change. In: Conservação da biodiversidade e modos de vida sustentáveis nas lagoas do Sul do Brasil: a experiência de um plano de ação com enfoque territorial. PGDR, UFRGS, Porto Alegre ISBN: 978-65-5973-011-7 (e-book).*
2020	<b>Barreto CT</b> (2020) Integrating experiences in PAN Lagoas do Sul spaces. In: Conservação da biodiversidade e modos de vida sustentáveis nas lagoas do Sul do Brasil: a experiência de um plano de ação com enfoque territorial. PGDR, UFRGS, Porto Alegre ISBN: 978-65-5973-011-7 (e-book). *
2020	Palma-Silva C, Krob AJD, <b>Barreto CT</b> , Albertoni EF (2020) Biological and environmental indicators of quality and dynamics in freshwater systems. In: Conservação da biodiversidade e modos de vida sustentáveis nas lagoas do Sul do Brasil: a experiência de um plano de ação com enfoque territorial. PGDR, UFRGS, Porto Alegre ISBN: 978-65-5973-011-7 (e-book). *
2011	Rocha MP, Moura IF, Schemmfelnnig MP, Silva ALA, <b>Barreto CT</b> , Leite CC, Machado G, Soares GP, Pereira IDM, Campos JM, Souza JLS, Araújo LT, Albrecht LD, Lemos L, Silva LP, Menare LRK, Bierhals M, Rodrigues RC, Cunha SK, Borchardt TT, Costa VC (2011) The fantastic sports’ world. In: PIBID UFPEL: Projetos interdisciplinares. Editora e Gráfica Universitária PREC-UFPEL, Pelotas ISBN: 9788571927551 *

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## Technical Reports

- 2020 **Barreto CT** (2020) Aquatic Biodiversity Monitoring Program – Annex 6 Seabirds' Contamination. Rede Rio Doce Mar Second Year Report. Research report to Federal Public Ministry for evaluation of effects of Mariana's dam disaster \*
- 2019 **Barreto CT** (2019) Aquatic Biodiversity Monitoring Program – Annex 6 Seabirds' Contamination. Rede Rio Doce Mar Annual Report. Research report to Federal Public Ministry for evaluation of effects of Mariana's dam disaster \*
- 2019 **Barreto CT** (2019) Biodiversity Monitoring Program of Rio Doce, and coastal and marine adjacent regions – Birds. *SISBio*. Research report for Federal Conservation Units\*
- 2018 **Barreto CT**, Steenbock W, Santos RA (2018) Integrated actions for improvement of the conservation status of threatened species. CNPq Reports. Research report \*
- 2018 **Barreto CT**, Faria FA, Gaiotto JV, Oliveira G, Bugoni L (2018) Monitoring of the avifauna from Rio Grande Port. Porto de Rio Grande Evaluation Reports. Research report for the port activity license \*
- 2012 **Barreto CT**, Bugoni L (2012) Waterbirds as indicators of contamination by metals in Southern Brazil wetlands. *SISBio*. Research report for a Federal Conservation Units \*
- 2008 **Barreto CT**, Villela LM, Blois FMD, Antunez HCS (2008) Relationship between pollutants and growth rates of Cyanobacteria, Bacillariophyta, and Pyrrophyta. Research report \*

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## Institutional Guides and Course Material

- 2011 **Barreto CT** (2011) Conteúdos Prof. Cindy Barreto (Course material Prof. Cindy Barreto). *A website with material for Classes of Graduate Courses (Environmental Management, Agribusiness, and Viticulture and Enology) IFSUL-CAVG*. <https://sites.google.com/site/profcindycavg/>\*
- 2011 **Barreto CT** (2011) Tecnologia Ambiental (Environmental Technology). *A website with material for Online Classes of Technician in Agribusiness IFSUL-CAVG (institutional login required)*. <http://ava.cavg.ifsul.edu.br/>\*
- 2010 **Barreto CT**, Bourscheid JLW, Dominguez LAE, Leitzke CP, Zibetti VK, Bento MV (2010) Pedagogic and Curricular Project for the Undergraduate Course of Bachelor of Technology Environmental Management. *Curricular Project for Undergraduate Course of Environmental Management*. IFSUL-CAVG \*

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## Other Media Communication

- 2013 Maciel LNL, Bandeira AP, **Barreto CT**, Leitzke CP, Leitzke RB, Silva RBP (2013) Women and their knowledge: Thousand Women program. **Federal Government Pioneer Project in learning, gender equality, and Solidarity Economy Area**. IFSUL Coordination\*
- 2007 **Barreto CT** (2007) Clandestine landfill threatens local flora. *Diário da Manhã*. **Local Newspaper** \*

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## Abstracts and Presentations on Events

- 2023 **Barreto CT**, Van Gilder N, Rubega M (2023) Building a reference genome for the endangered Roseate tern using non-invasive sampling methods. **Poster presentation at 2023 Ornithological Conference AOS & SCO-SOC**, London, Ontario, Canada
- 2022 **Barreto CT**, Gutiérrez J, Zhao X, Tomaszewski A, Knutie SA (2022) Effects of partial cross-fostering on nestling and parental behavior in Eastern bluebirds. **Poster presentation at The Society for Integrative Biology Annual meeting SICB 2022**. National Meeting
- 2020 Faria FA, Repenning M, **Barreto CT**, Bugoni L (2020) Molt strategy, breeding phenology and seasonal occurrence of the South American Painted Snipe in Southern Brazil. *VII NAOC – North American Ornithological Conference*. International Meeting \*
- 2019 **Barreto CT**, Faria FA, Bianchini A, Bugoni L (2019) Trace elements in herons and spoonbills from southern Brazil: interaction between concentrations, environment, and trophic level. **Presentation at XXVI CBO – Congresso Brasileiro de Ornitologia**. **Best student presentation award**. National Congress \*
- 2018 Soares LO, **Barreto CT**, Faria FA, Bugoni L (2018) Catching rates of forest birds on Marinheiros Island, Lagoa dos Patos estuary. *IV ENCIF – Encontro de Ciência e Tecnologia do IFSUL Campus Bagé*. Academic Meeting \*
- 2017 Oliveira G, **Barreto CT**, Costa PG, Bianchini A, Bugoni L (2017) Tissues Concentrations of metals in *Pterodroma arminjoniana* (Giglioli & Salvadori, 1868; Procellariiformes). *XIII Congresso de Ecologia and III International Symposium of Ecology and Evolution*. International Meeting \*
- 2017 Oliveira G, **Barreto CT**, Costa PG, Bianchini A, Bugoni L (2017) Concentrations of lead and cadmium in blood samples of Trindade Petrel *Pterodroma arminjoniana*. *26º Congresso de Iniciação Científica*. **Best student presentation award**. Academic Meeting \*
- 2016 **Barreto CT**, Figueiredo NSB, Gaiotto JV (2016) Identification of avian species from wetland environments in southern Rio Grande do Sul coast. **Poster presentation at Estação Ecológica do TAIM: 30 anos conservando a biodiversidade**. Regional Meeting \*
- 2016 Steenbock W, **Barreto CT**, Eichenberger CCD, Santos RA (2016) National Plan for Conservation of Freshwater Ecosystems in southern Brazil (PAN Lagoas do Sul): a proposal of integrated actions for environmental conservation in the southern Brazil coast. **Poster presentation at Estação Ecológica do TAIM: 30 anos conservando a biodiversidade**. Regional Meeting \*
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## Abstracts and Presentations on Events (continuation)

- 2016 **Barreto CT**, Figueiredo NSB (2016) Preliminary identification of avian species from a wetland environment in the southern Rio Grande do Sul. **Poster presentation at VIII Seminário de Energia e Meio Ambiente (VIII SEMA)**. Regional Academic Meeting \*
- 2016 **Barreto CT**, Nauderer R (2016) Limitations and Possibilities on implantation of National Plans for Biodiversity Conservation. *VIII Seminário de Energia e Meio Ambiente (VIII SEMA)*. **Poster presentation at** Regional Academic Meeting \*
- 2012 Britto VO, **Barreto CT**, Faria FA, Bugoni L (2012) Feeding ecology of *Platalea ajaja* (Roseate Spoonbill) and *Ardea alba* (Great Egret) in two locations in southern Brazil. *II Congreso Uruguayo de Zoología*. International Congress \*
- 2012 Brum RJ, Varela-Junior AS, Britto VO, **Barreto CT**, Bugoni L (2012) Use of micronucleus in waterbirds species (*Ardea alba*, *Ardea coccoi* and *Platalea ajaja*) on environmental monitoring of metal pollution. *11º Mostra de Produção Universitária (11º MPU)*. Academic Meeting \*
- 2012 Oliveira PC, Silva TP, **Barreto CT** (2012) Biomonitoring of lentic environments using macrophytes as bioindicators. *II Fórum Mundial de Educação Profissional e Tecnológica*. International Meeting \*
- 2012 Maciel MRS, Avila AC, **Barreto CT** (2012) Management of waste on small pig farms in Pelotas-RS. *II Fórum Mundial de Educação Profissional e Tecnológica*. International Meeting \*
- 2012 Silveira SCR, **Barreto CT**, Bourscheid JLW (2012) Reviewing paradigms: discussing about prevention, improvement, and environmental conservation. *II Fórum Mundial de Educação Profissional e Tecnológica*. International Meeting \*
- 2012 Maciel MRS, **Barreto CT** (2012) Waste management in furniture manufacturing: case study. *V Jornada de Iniciação Científica e Tecnológica do IFSUL (V JIC IFSUL)*. Academic Meeting \*
- 2011 **Barreto CT**, Pereira RS (2011) Use of microorganisms as bioindicators on environmental quality monitoring. **Poster presentation at XIV Congresso Latino Americano de Ciências do Mar (XIV COLACMAR)**. Latin American Congress \*
- 2011 **Barreto CT**, Pereira RS (2011) Research achieves the community: a conversation about health and eutrophication with coastal residents from Pelotas/RS. **Poster presentation at XIV Congresso Latino Americano de Ciências do Mar (XIV COLACMAR)**. Latin American Congress \* **Presentation also in 31º Encontro de Debates sobre o Ensino de Química**. Academic Meeting \*
- 2011 **Barreto CT**, Pereira RS (2011) Water quality: who determines and for whom? **Poster presentation at 3º Encontro e Diálogos com a Educação Ambiental (3º EDEA)**. Educational Academic Meeting \*
- 2011 Maciel MRS, Avila AC, **Barreto CT** (2011) Administration and environmental management on small pig farms of Pelotas-RS. *IV Jornada de Iniciação Científica e Tecnológica do IFSUL (IV JIC IFSUL)*. Academic Journey \* Also in: *I Workshop da Gestão Ambiental do IFSUL-CAVG*. Workshop \*
- 2011 Moraes DK, **Barreto CT** (2011) Responsibilities of an Environmental Technician at Water Treatment Stations. *IV Jornada de Iniciação Científica e Tecnológica do IFSUL (IV JIC IFSUL)*. Academic Meeting\*
- 2011 Nobre JL, Moraes DK, **Barreto CT** (2011) Environmental Management of fishing lead. *IV Jornada de Iniciação Científica e Tecnológica do IFSUL (IV JIC IFSUL)*. Academic Meeting \*
- 2011 Barreiro CB, Netto LL, Araujo RM, **Barreto CT**, Peres JL (2011) Report of an experience in educational development through autobiography. **Presentation at VI Encuentro Iberoamericano de Colectivos Escolares y Redes de Maestras y Maestros**. Ibero-American Meeting \*
- 2011 **Barreto CT**, Netto LL, Araujo RM, Barreiro CB, Pinto CLL, Araujo RA (2011) Autobiography: report of an experience in distance post-graduation course for school teachers. **Poster presentation at IV Seminário Nacional de Formação de Professores**. National Academic Meeting\*
- 2010 **Barreto CT**, Pereira RS (2010) Use of cyanobacteria as an indicators of the environmental pollution degree in water resources. **Poster presentation at XI Congresso Brasileiro de Ecotoxicologia (XI ECOTOX)**. National Congress \*
- 2010 Araujo RM, Netto LL, **Barreto CT**, Barreiro CB (2010) Autobiography: report of an experience in distance education. *I Congresso Internacional de Educação à Distância da UFPEL*. International Congress \*
- 2010 **Barreto CT**, Pereira RS (2010) Environmental quality monitoring: use of cyanobacteria as bioindicators of pollution. **Poster presentation at XIX Congresso de Iniciação Científica (XIX CIC)**. Academic Congress \*
- 2010 **Barreto CT**, Pereira RS (2010) Application of cyanobacteria as bioindicators of pollution by domestic effluent. **Presentation at 9º Mostra de Produção Universitária (9º MPU)**. Academic Meeting\*
- 2010 **Barreto CT**, Castro RI, Gouveia LP, Sassi JS, Rodriguez RC (2010) Investigation about students' life experiences: propositions for pedagogical practices. **Presentation at 9º Mostra de Produção Universitária (9º MPU)**. Academic Meeting \*
- 2010 **Barreto CT**, Barreiro CB (2010) Autobiographical narratives in Distance Education: limitations and possibilities. **Poster presentation and talk at III Jornada de Iniciação Científica e Tecnológica do IFSUL (III JIC IFSUL)**. Academic Meeting \*
- 2010 Peres JL, Barreiro CB, Netto LL, **Barreto CT**, Araujo RM (2010) Tuesday group: sharing experiences and researches. *III Jornada da Produção Científica da Educação Profissional e Tecnológica (III JIC)*. Academic Meeting \*
- 2009 Valente BS, Rodrigues CG, **Barreto CT**, Manzke NE, Xavier EG (2009) Pedagogical training for graduate students in zootechnics: necessary or unnecessary? *XVIII Congresso de Iniciação Científica (XVIII CIC)*. Academic Congress \*

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## Abstracts and Presentations on Events (continuation)

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2008	<b>Barreto CT</b> , Villela LM, Blois FMD (2008) Algae as producers of toxins: genera found in São Gonçalo and Santa Barbara Rivers and in Lagoa dos Patos lagoon. <b>Presentation at 3 Semana Acadêmica de Tecnologia Ambiental</b> . Academic Meeting *
2008	<b>Barreto CT</b> , Villela LM, Blois FMD, Antunez HCS, Meinerz LI (2008) Effects of pollutants on growth of <i>Oscillatoria</i> sp. under laboratory controlled conditions. <b>Presentation at II Jornada de Iniciação Científica e Tecnológica do IFSUL (II JIC IFSUL)</b> . Academic Meeting *
2008	<b>Barreto CT</b> , Villela LM, Blois FMD, Antunez HCS (2008) Neurotoxins and hepatotoxins: producer genera and symptoms of human poisoning. <b>Poster presentation at II Jornada de Iniciação Científica e Tecnológica do IFSUL (II JIC IFSUL)</b> . Academic Meeting *

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## Supplemental Training

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2019	Introduction to R Environment (30 hours)
2018	Aquatic Biodiversity Modeling (45 hours)
2018	Environmental Contaminants (30 hours)
2018	Bioethics (60 hours)
2018	Learning to write a <i>Lettre de Motivation</i> – A2 level (16 hours)
2018	Relevant Environmental Issues (5 hours)
2018	Goals and Definitions of Projects' Management (5 hours)
2018	Introduction to R Programming Language (8 hours)
2018	Sustainability Daily: Citizen's Guidelines (12 hours)
2016	English Preparatory Course for Cambridge English: Advanced – Level 5 of 5 (60 hours)
2016	English Preparatory Course for Cambridge English: First – Level 5 of 5 (60 hours)
2015	English Course – Level 5 of 5 (60 hours)
2011	Avian Observation and Identification (8 hours)
2010	Pedagogic Journey (40 hours)
2009	Communication as an Instrument to Environmental Education (4 hours)
2009	Water Resources as a Field of Research (4 hours)
2009	Agroecology: Sustainable Systems of Production (4 hours)
2009	Paper Recycling (4 hours)
2007	Airborne Fungi as Bioindicators of Air Quality (20 hours)
2007	Environmental Licensing (12 hours)

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## Languages

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English, Portuguese, Spanish, French, and Latin (basic)

## References (contact information can be provided under request)

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Prof. Dr. Margaret Rubega – Ph.D. supervisor

Prof. Dr. Susan Herrick – Biology of Vertebrates Instructor (TA advisor)