

Cindy Barreto

Ph.D. student


Ecology and Evolutionary Biology


University of Connecticut

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Education

- In progress **Philosophy Doctor (Ecology and Evolutionary Biology)**, University of Connecticut (UConn)
- Harriott Fellow
 - Study emphasis: The effects of urbanization on interactions between Darwin's finches and their introduced parasites in the Galápagos Islands
 - Advisor: Prof. Dr. Sarah Knutie
- 2011 – 2013 **Master of Science (Biology of Freshwater Ecosystems)**, Universidade Federal do Rio Grande (FURG), Brazil
- Semester abroad at University of Saskatchewan, Canada (2012 – 2013)
 - Dissertation: Waterbirds as bioindicators of contamination by metals in southern Brazil wetlands
 - Advisors: Prof. Dr. Leandro Bugoni, Dr. Adalto Bianchini
 - Cumulative GPA: 3.6 / Total hours: 1095
- 2007 – 2012 **Licentiate of Science (Biological Sciences)**, Universidade Federal de Pelotas (UFPEL), Brazil
- Monography: 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
 - Cumulative GPA: 3.2 / Total hours: 3838
- 2007 – 2010 **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
 - Cumulative GPA: 3.2 / Total hours: 2765

Complementary courses

- 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 *Lettre de Motivation* – A2 level** (16 hours)
- 2018 **Relevant Environmental Issues** (5 hours)
- 2018 **Goals and Definitions of Projects' Management** (5 hours)
- 2018 **Introduction to R Programing 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)

Complementary courses

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)

Fellowships/Awards

2020 – present	University of Connecticut (UCONN) , United States of America <ul style="list-style-type: none">- Harriott fellowship
2019	Brazilian Ornithological Society (SBO) , Brazil <ul style="list-style-type: none">- Helmut Sick award
2017	Mostra de Produção Universitária (MPU) , Universidade Federal do Rio Grande (FURG), Brazil <ul style="list-style-type: none">- Best student presentation award
2015 – 2018	National Council for Scientific and Technological Development (CNPq) and Chico Mendes Institute for Biodiversity Conservation (ICMBio) , Brazil <ul style="list-style-type: none">- Invited researcher fellowship
2012 – 2013	Emerging Leaders in Americas Program (ELAP) , Canada <ul style="list-style-type: none">- Student fellowship
2011	Coordination for the Improvement of Higher Education Personnel (CAPES) , Brazil <ul style="list-style-type: none">- Master's degree researcher fellowship
2010	Coordination for the Improvement of Higher Education Personnel (CAPES) , Brazil <ul style="list-style-type: none">- Teaching Initiative Program (PIBID) fellowship
2009 – 2010	Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) , Brazil <ul style="list-style-type: none">- Scientific initiative fellowship
2009	Universidade Federal de Pelotas (UFPEL) , Brazil <ul style="list-style-type: none">- Tutor fellowship (General Chemistry)
2008 – 2009	Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) , Brazil <ul style="list-style-type: none">- Scientific initiative fellowship
2009	Universidade Federal de Pelotas (UFPEL) , Brazil <ul style="list-style-type: none">- Tutor fellowship (Morphology and Systematics of Cryptogams)

Teaching Experience

University of Connecticut, USA

- 2021 **Biology of the Vertebrates**
- Teaching Assistant

Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL), Brazil

- 2013 **Communication Techniques**
- Invited professor, post-secondary degree in Bakery and post-secondary degree in Bakery Assistant
- 2013 **Health, Security and Human Resources**
- Invited professor, post-secondary degree in Bakery and post-secondary degree in Bakery Assistant
- 2012 **Applied Biology**
- Professor, Bachelor of Technology in Environmental Management
- 2012 **Biomonitoring**
- Professor, Bachelor of Technology in Environmental Management
- 2012 **Water Treatment**
- Professor, Bachelor of Technology in Environmental Management
- 2011 **Biosecurity**
- Professor, Bachelor of Technology in Environmental Management
- 2011 **Environmental Management**
- Professor, Bachelor of Technology in Environmental Management
- 2011 **Environmental Remediation and Conservation**
- Professor, Technician in Environmental Management
- 2010 **Microbiology**
- Professor, Bachelor of Technology in Environmental Management
- 2010 **Environmental Management and Sustainability**
- Professor, Bachelor of Technology in Environmental Management
- 2010 **Atmospheric Emissions**
- Professor, Technician in Environmental Management
- 2010 **Environmental Management**
- Invited professor, Technician in Agribusiness

Service and Mentorship

- ... **Peer reviewer for Ornithologia**
- Journal of ornithology, covering topics as ecology and conservation of wild birds
- 2021 **Scientific initiation advisor**, University of Connecticut (UConn), USA
Alyson Tomaszewski, undergraduate student. Project: Effects of nestling cross-fostering on nestling and parental behavior of Eastern bluebirds (*Sialia sialis*)
- 2021 **Scientific initiation advisor**, University of Connecticut (UConn), USA
- Xingya Zhao, undergraduate student. Project: Effects of nestling cross-fostering on nestling and parental behavior of Eastern bluebirds (*Sialia sialis*)
- 2019 – 2021 **Scientific initiation advisor**, Universidade Federal do Rio Grande (FURG), Brazil
- 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

Service and Mentorship

- 2016 – 2020 **Monograph advisor**, Universidade Federal do Rio Grande (FURG), Brazil
- Augusto Sastre Krauze, student of Bachelor of Oceanography. Project: Archipelagos and colony origins of *Calonectris borealis* and *Calonectris diomedea* in two wintering sites in Brazil
- 2018 – 2019 **Scientific initiation advisor**, Universidade Federal do Rio Grande (FURG), Brazil
- 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 **Monograph advisor**, Universidade Federal do Rio Grande (FURG), Brazil
- Gabriela de Oliveira, student of Bachelor of Biological Sciences. Project: Concentration and origins of contamination by cadmium and lead in Trindade Petrel, *Pterodroma arminjoniana*
- 2012 **Monograph advisor**, Universidade Federal de Pelotas (UFPEL), Brazil
- Mônica Lopes Moreira, student of Bachelor of Technology in Environmental Management. Project: Management plan of cemetery waste
- 2012 **Scientific initiation advisor**, Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil
- Alice Cardoso de Ávila, student of Bachelor of Technology in Environmental Management. Project: Swine waste management and implementation of cleaner production in small farms
- 2012 **Scientific initiation advisor**, Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil
- Marciana Rubira Maciel, student of Bachelor of Technology in Environmental Management. Project 1: Swine waste management and the implementation of cleaner production in small farms. Project 2: Waste management of furniture manufacture
- 2012 **Scientific initiation advisor**, Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil
- Paola Costa Oliveira, student of Bachelor of Technology in Environmental Management. Project: Macrophytes as bioindicators of environmental quality
- 2012 **Scientific initiation advisor**, Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil
- Tamara Pirez, student of Bachelor of Technology in Environmental Management. Project: Macrophytes as bioindicators of environmental quality
- 2011 **Monograph advisor**, Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil
- Débora Kickhofel Moraes, student of Technician in Environmental Management. Project: Responsibilities of an environmental technician at water treatment stations
- 2011 **Monograph advisor**, Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil
- João Luiz Nobre, student of Technician in Environmental Management. Project: Environmental Management of fishing lead

Service and Mentorship

- 2010 **Committee participation**, Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil
- Pedagogic Course Project of Bachelor in Technology Environmental Management evaluation. Author of the reviewed version of the Project of Bachelor in Technology Environmental Management
- 2010 **Committee participation**, Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil
- Fellowship candidates' evaluator, Technician in Environmental Management. Project: Environmental education through actions
- 2010 **Committee participation**, Instituto Federal de Educação, Ciência e Tecnologia Sul-Rio-grandense (IFSUL), Brazil
- Fellowship candidates' evaluator, Technician in Environmental Management. Project: Study of waste reuse and recycle techniques for the scholar community and its neighborhood

Publications

*Denotes publications only available in Portuguese

Scientific Journals

- In preparation Travessas AO, **Barreto CT**, Chaves DC, Bugoni L. Diet and resource partitioning between egrets and herons in an estuarine colony in southern Brazil. **To be submitted to Aquat Ecol**
- In preparation Caseiro-Silva F, Faria FA, **Barreto CT**, Fernandez CN, Bugoni L. Colonial waterbirds provide persistent subsidies to swamp forests along an estuarine island food chain. **To be submitted to Oecologia**
- 2022 Nunes GT, Efe MA, **Barreto CT**, 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. **Sci Total Environ** 807(2): 151486

Didactic Books

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

Book chapters

- 2011 Rocha MP, Moura IF, Schemmfelnnig MP, Silva ALA, **Barreto CT**, 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 *

Publications

*Denotes publications only available in Portuguese

Abstracts and Presentations on Events

- 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**. 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*. 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 *
- 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) Avaliação do uso de micronúcleos em aves aquáticas (*Ardea alba*, *Ardea coccoi* e *Platalea ajaja*) no monitoramento de poluição por metais. (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 *

Publications

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Abstracts and Presentations on Events

- 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 indications 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***

Publications

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Abstracts and Presentations on Events

- 2010 **Barreto CT**, Castro RI, Gouvea LP, Sassi JS, Rodriguez RC (2010) Investigation about students' life experiences: propositions for pedagogical practices. **Presentation at 9^o Mostra de Produção Universitária (9^o 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 *
- 2008 **Barreto CT**, 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. **Presentation at 3 Semana Acadêmica de Tecnologia Ambiental**. Academic Meeting *
- 2008 **Barreto CT**, Villela LM, Blois FMD, Antunez HCS, Meinerz LI (2008) Effects of pollutants on growth of *Oscillatoria* sp. under laboratory controlled conditions. **Presentation at II Jornada de Iniciação Científica e Tecnológica do IFSUL (II JIC IFSUL)**. Academic Meeting *
- 2008 **Barreto CT**, Villela LM, Blois FMD, Antunez HCS (2008) Neurotoxins and hepatotoxins: producer genera and symptoms of human poisoning. **Poster presentation at II Jornada de Iniciação Científica e Tecnológica do IFSUL (II JIC IFSUL)**. Academic Meeting *

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 a 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 *

Publications

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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 *

Local Media Wordings

- 2007 **Barreto CT** (2007) Clandestine landfill threatens local flora. *Diário da Manhã*. Local Newspaper *

Pioneer Projects

- 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*

Conferences Attendee

Panelist

- 2021 Caseiro-Silva F, Faria FA, **Barreto CT**, Fernandez CN, Bugoni L (2021) Colonial waterbirds provide persistent subsidies to swamp forests along an estuarine island food chain. *Tuesday Evening Seminars (TES), Department of Ecology and Evolutionary Biology, University of Connecticut*. Local Meeting
- 2021 **Barreto CT** (2021) Concentrations of cadmium in egrets and spoonbills: influence of colony location, tissue, and foraging strategies. *EEB Graduate Symposium, University of Connecticut*. Local Academic Meeting
- 2020 **Barreto CT** (2020) Trace elements levels in seabirds: a comparison between before and after a dam failure event in Brazil. *Tuesday Evening Seminars (TES), Department of Ecology and Evolutionary Biology, University of Connecticut*. Local Meeting
- 2020 **Barreto CT**, Fernandez CN (2020) Birds Biodiversity and Ecology. *V Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester*. Academic Summer Course
- 2019 **Barreto CT** (2019) Birds Biodiversity and Ecology. *IV Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester*. Academic Summer Course
- 2018 **Barreto CT**, Fernandez CN, Gaiotto JV, Costa LASM, Soares LO, Muraro V (2018) Scientific taxidermy of marine birds and Shorebirds. *XXX Semana Nacional de Oceanografia*. National Academic Meeting
- 2018 **Barreto CT**, Oliveira G, Fernandez CN, Gaiotto JV (2018) Seabirds and Shorebirds. *XX Jornada Biológica FURG*. Academic Meeting
- 2018 **Barreto CT**, Faria FA, Fernandez CN (2018) Birds Biodiversity and Ecology. *III Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester*. Academic Summer Course

Conferences Attendee

Panelist

- 2017 **Barreto CT**, Faria FA, Bosembecker C (2017) Birds Biodiversity and Ecology. *II Subtropical Physiology and Ecology Universidade Federal do Rio Grande and University of Leicester*. Academic Summer Course
- 2012 **Barreto CT** (2012) Management of Conservation Units: use of bioindicators for environmental quality monitoring. *II Semana do Meio Ambiente UFPEL*. Academic Meeting
- 2010 **Barreto CT**, Araujo LT (2010) Popular Education. *Nicho do Conhecimento Pedagógico*. Lectures cycle
- 2009 **Barreto CT**, Meinerz LI (2009) Phycotoxicity as a consequence of eutrophication. *II Ciclo de Palestras Sócioambientais*. Lectures cycle

Moderator

- 2018 **Barreto CT** (2018) Consolidation of the National Plan for Conservation of Freshwater Ecosystems in Southern Brazil – PAN Lagoas do Sul. *Oficina de Consolidação do PAN Lagoas do Sul, ICMBio*. National Meeting
- 2017 **Barreto CT** (2017) Elaboration of the National Plan for Conservation of Freshwater Ecosystems in Southern Brazil – PAN Lagoas do Sul. *Oficina de Elaboração do PAN Lagoas do Sul, ICMBio*. National Meeting
- 2010 **Barreto CT**, Leitzke CP (2010) Minimization of environmental impacts: the role of cooperatives in separation/gathering of residues in the Federal Institutes Sphere. *II Fórum Mundial de Educação Profissional e Tecnológica*. International Forum

Events Coordination

- 2010 *O Maravilhoso Mundo dos Esportes*. Lectures cycle
- 2010 *II Semana Acadêmica do Curso Superior Tecnologia em Gestão Ambiental*. Academic Meeting
- 2010 *Fazendo Ciência com Darwin*. Lectures cycle
- 2010 *XI Semana Acadêmica da Biologia*. Academic Meeting

Abstracts and Presentations Evaluator

- 2011 *IV Jornada de Iniciação Científica e Tecnológica do IFSUL (IV JIC IFSUL)*. Academic Journey

Participant

- 2022 *The Society for Integrative Biology Annual meeting SICB 2022*. National Meeting
- 2021 *Research Frontiers in Animal Behavior & Parasitism*. Virtual. National Meeting
- 2020 *7 Anos do GEAS-UFSC Curitibaanos: Medicina, Biologia e Conservação de Animais Marinhos*. Virtual. National Meeting
- 2020 *VII NAOOC – North American Ornithological Conference*. Virtual. International Meeting
- 2020 *ESA Virtual Meeting – Harnessing the ecological data revolution*. Virtual. International Meeting
- 2020 *I Simpósio de Inovação e Tecnologia em Parasitologia da UFSC: Soluções Inovadoras para Antigos Problemas*. Virtual. International Meeting
- 2019 *XXVI Congresso Brasileiro de Ornitologia*. Vila Velha, ES, Brazil. National Congress
- 2018 *II Encontro Rota dos Butiazais*. Pelotas, RS, Brazil. Internacional Meeting
- 2018 *Audiência Regional do Plano da Bacia Hidrográfica da Lagoa Mirim e Canal São Gonçalo*. Rio Grande, RS, Brazil. Local Meeting
- 2017 *III Workshop Desenvolvimento e aplicação de ferramentas novas e alternativas para fins de regulamentação ambiental no Sul do Brasil*. Rio Grande, RS, Brazil. Regional Meeting
- 2015 *I Seminário de Monitoramento de Aves Silvestres em Unidades de Conservação de Santa Catarina*. Florianópolis, SC, Brazil. National Meeting

Conferences Attendee

Participant

2015	<i>VII Simpósio de Energia e Meio Ambiente (VII SEMA)</i> . Pelotas, RS, Brazil. Academic Meeting
2013	<i>V Encontro Regional-Sul da Rede de Incubadoras Tecnológicas e Cooperativas Populares</i> . Canoas, RS, Brazil. Academic Meeting
2013	<i>Encontro Nacional de Incubadoras e Programas/Projetos Universitários de apoio à Economia Solidária</i> . Brasília, DF, Brazil. Academic Meeting
2013	<i>A Responsabilidade dos Municípios na Política Nacional de Resíduos Sólidos</i> . Porto Alegre, RS, Brazil. Seminar
2012	<i>Seminário de Formação e Intercâmbio do Segmento Reciclagem das ITCP's do Rio Grande do Sul</i> . Pelotas, RS, Brazil. Academic Seminar
2011	<i>Seminário de Ensino Superior de Graduação do IFSUL</i> . Pelotas, RS, Brazil. Institutional Seminar
2011	<i>1ª Semana Acadêmica do Curso Técnico em Meio Ambiente (AMBITEC)</i> . Pelotas, RS, Brazil. Academic Meeting
2011	<i>Mudanças no Código Florestal</i> . Pelotas, RS, Brazil. Academic Seminar
2010	<i>VIII Encontro de Pesquisa em Educação da Região Sul (ANPEDSUL)</i> . Londrina, PR, Brazil. Regional Meeting
2009	<i>IV Semana Acadêmica de Tecnologia Ambiental</i> . Pelotas, RS, Brazil. Academic Meeting
2007	<i>II Ciclo de Palestras Socioambientais</i> . Pelotas, RS, Brazil. Symposium
2007	<i>Seminário de Empreendedorismo</i> . Pelotas, RS, Brazil. Academic Seminar
2007	<i>IX Semana Acadêmica da Biologia</i> . Pelotas, RS, Brazil. Academic Meeting
2007	<i>Simpósio Gaúcho de Tecnologia em Gestão Ambiental</i> . Pelotas, RS, Brazil. Symposium

Professional Experiences

2018 – present	Environmental Analyst – Senior Researcher , Rede Rio Doce Mar (RRDM), Aquatic Biodiversity Monitoring Program, Fundação Espírito-Santense de Tecnologia (FEST). Affiliation: Waterbirds Laboratory, Universidade Federal do Rio Grande (FURG) - Bird sampling, analysis of trace elements and organic contaminants, and general laboratory duties
2015 – 2018	Researcher , National Research Center of Marine Biodiversity Conservation – Southern Brazil Unit (CEPERG), 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
2012 – 2013	Post-Secondary Course Coordinator , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) - Management of human and financial resources, overall course planning, assessments review, and weekly reports review and preparation
2012 – 2013	Post-Secondary Invited Professor , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) - Overall course planning, teaching, assessments, and weekly reports preparation. Classes: Communication Techniques; Health, Security and Human Resources
2010 – 2012	Professor , Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL) - Development of the overall course planning, teaching, assessments, and weekly reports. Founded the Research Group on Bioindicators of Environmental Quality (2010-2012), which had the participation of eight students. Member of the Campus Waste Management Commission (2011-2012). Courses: Applied Biology; Biomonitoring; Biosecurity; Environmental Remediation and Conservation; Atmospheric Emissions; Microbiology; Environmental Management and Sustainability; Environmental Management; Water Treatment -

Professional Experiences

- 2010 **Technician Invited Professor**, Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL)
- Created the webpage of the Environmental Management Course (for students from 2010 on), teaching, assessments, and weekly reports. Course: Environmental Management

Volunteer Experiences

- 2011 – 2018 **Researcher**, Waterbirds Laboratory, Universidade Federal do Rio Grande (FURG)
- 2012 **Researcher**, Solidarity Economy Unit (NESOL), Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL)
- 2011 – 2012 **Researcher**, Narrative Studies in Education Group (GENE), Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL)
- 2009 – 2010 **Technician volunteer**, Environmental Studies Unit (NEMAPEL), Universidade Federal de Pelotas (UFPEL)
- 2009 – 2010 **Secretary volunteer**, Academic Directory of Biological Science (DACB), Universidade Federal de Pelotas (UFPEL)
- 2009 **Invited tutor**, Advanced Calculus for undergraduate courses, Instituto Federal de Educação, Ciência e Tecnologia Sul-rio-grandense (IFSUL)

Collaboration in Scientific and Conservation Projects

More information available at <https://cindybarreto.github.io>

- 2018 – 2021 Lateral subsidies from aquatic to terrestrial environments mediated by vertebrates: similarities and contrasts between marine and estuarine islands
- 2018 – 2021 RETER-TRINDADE: Recovery of the Terrestrial Ecosystem of the Island of Trindade, avoiding the extinction of endangered species
- 2017 – 2021 Monitoring of the Ornithofauna of the Port of Rio Grande
- 2017 – 2021 Long-term studies to assess natural and anthropic impacts in the Lagoa dos Patos estuary and adjacent marine coast
- 2010 – 2021 Waterbirds in the Rio Grande do Sul: distribution, ecology, and conservation

Languages

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

References

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