

## Nina Attias, PhD. in Ecology

Biologist, with 15 years of experience in field studies, quantitative skills in spatial and movement ecology and research interests in the broad area of spatial ecology applied to conservation.

### Current Positions

**Post-doctoral Researcher** at the Federal University of Mato Grosso do Sul.  
Animal Biology Graduate Program. Campo Grande, Brazil.

**Scientific Publications Coordinator** at the Institute for the Conservation of Wild Animals.  
Campo Grande, Brazil.

### Education

- Mar 2013 – Aug 2017* **PhD., Ecology and Conservation**  
Federal University of Mato Grosso do Sul  
Campo Grande, Brazil  
  
Dissertation: Spatial and temporal ecology of two armadillo species in a Neotropical wetland  
  
Advisor: Guilherme Mourão  
William Fagan  
Arnaud Desbiez  
  
Grant: (1) Coordenação de Aperfeiçoamento de Pessoal de Nível Superior – Capes; (2) Fundação de Apoio ao Desenvolvimento do Ensino, Ciência e Tecnologia do Estado de Mato Grosso do Sul - Fundect
- Aug 2009 – Oct 2011* **MSc., Ecology**  
Federal University of Rio de Janeiro  
Rio de Janeiro, Brazil  
  
Thesis: Invasive potential of two exotic species of the genus *Acacia* Mill. in Brazil.  
  
Advisor: Helena Bergallo  
Marinez Siqueira  
  
Grant: Coordenação de Aperfeiçoamento de Pessoal de Nível Superior - Capes
- Mar 2009 – Dec 2009* **Licentiate Teaching Degree, Biological Sciences**  
Federal University of the State of Rio de Janeiro (UNIRIO)  
Rio de Janeiro, Brazil

Mar 2004 – Dec 2008

**BSc., Biological Sciences**

Federal University of the State of Rio de Janeiro (UNIRIO)  
Rio de Janeiro, Brazil

Completion work: Identification of species of the genus *Monodelphis* (Mammalia: Didelphimorphia) through the ultra-structure of guard hair.

Advisor: Helena Bergallo

Grant: Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do Rio de Janeiro - Faperj

## Skills & Interests

*Skills* Biodiversity Inventory and Monitoring, Movement Ecology, Animal Tracking, VHF and GPS Telemetry, Spatial Ecology, Species Distribution Modeling, Continuous Time Movement Models, Resource selection, Habitat Selection, Step Selection, Small Mammal Trapping, Camera Trapping, Line transects, Field Studies, GIS tools

*Languages* **English** (fluent reading, conversing, and writing); **Spanish** (fluent reading and conversing; basic writing); **French** (basic reading, conversing, and writing); **Hebrew** (basic conversing); **Portuguese** (native)

*Interests* Wildlife Ecology and Conservation; Biodiversity & Conservation; Mammalogy; Spatial Ecology applied to Conservation; Wildlife Management; Natural History; Thermal Ecology; Xenarthra; Animal Behavior; Population Ecology

## Awards & Grants

Jan 2018 Grant Stipend Award: Jacksonville Zoo & Gardens.

Sep 2017 Best Graduate Student Oral Presentation Award (2nd place). IX Congresso Brasileiro de Mastozoologia (IX Brazilian mammalogical congress).

Mar 2016 PhD Scholarship: Coordenação de Aperfeiçoamento de Pessoal de Nível Superior - Capes

Dec 2013 Grant: Idea Wild

Nov 2013 Grant: The Rufford Foundation

Nov 2013 Grant: Neotropical Grassland Conservancy

- Mar 2013 PhD Scholarship: Fundação de Apoio ao Desenvolvimento do Ensino, Ciência e Tecnologia do Estado de Mato Grosso do Sul - FUNDECT
- Jul 2009 Master's Scholarship: Capes
- Mar 2008 Technical Support Grant: FUNPEA
- Mar 2007 Undergraduate Research Scholarship: Faperj

## Peer-reviewed Publications

14. Desbiez ALJ, Massocato GF, Kluyber D, Oliveira-Santos LGR, **Attias N**. *Spatial ecology of the giant armadillo Priodontes maximus in Midwestern Brazil*. Journal of Mammalogy. In press.
13. Santos, P.M., Bocchiglieri, A., Chiarello, A., **Attias N**, ... Ribeiro, M.C. & Galetti, M.. 2019. Neotropical Xenarthrans: a data set of occurrence of xenarthran species in the Neotropics. Ecology, v. 1, p. e02663.
12. Desbiez ALJ, Massocato GF, Kluyber D, Do Nascimento Luba C, **Attias N**. *How giant are giant armadillos? The morphometry of giant armadillos (Priodontes maximus Kerr, 1792) in the Pantanal of Brazil*. 2019. Mammalian Biology.
11. **Attias N**, Oliveira-Santos LGR, Fagan WF, Mourão G. *Effects of air temperature on habitat selection and activity patterns of two tropical imperfect homeotherms*. 2018. Animal Behaviour, 140: 129-140.
10. Tucker MA, Böhnig-Gaese K, Fagan WF, Fryxell JM, Van Moorter B, Alberts SC, Ali AH, Allen AM, **Attias N**, et al. 2018. *Moving in the Anthropocene: Global reductions in terrestrial mammalian movements*. Science, 359: 466-469.
9. Gasparotto VPO, **Attias N**, Miranda FR, Soresini GCG, Canena A, Mourão GM: *Chemical immobilization of free-ranging yellow armadillos Euphractus sexcinctus (Cingulata: Dasypodidae) for intra-abdominal transmitter implantation*. 2017. Journal of Wildlife Diseases, 53(4): 896-900.
8. **Attias N**, Miranda FR, Sena LMM, Tomas WM, Mourão GM: *Yes, they can! Three-banded armadillos Tolypeutes sp. (Cingulata: Dasypodidae) dig their own burrows*. 2016. Zoologia. 33(4). DOI:10.1590/S1984-4689zool-20160035
7. Maccarini TB, **Attias N**, Medri IM, Marinho-Filho J, Mourão GM: *Temperature influences the activity patterns of armadillo species in a large neotropical wetland*. 2015. Mammal Research. 60(4). DOI:10.1007/s13364-015-0232-2
6. **Attias N**, Siqueira MF, Bergallo HG: *Acácias Australianas no Brasil: Histórico, Formas de Uso e Potencial de Invasão. (Australian Acacias in Brazil: History, Forms of use and Invasive Potential)*. 2013. Biodiversidade Brasileira, 2: 74-96.
5. Albuquerque HG, Ferreira PM, Pessôa FS, Modesto TC, Luz JL, Raíces DSL, Ardente NC, Lessa ICM, **Attias N**, Jordão-Nogueira T, Enrici MC, Bergallo HG: *Mammals of a forest fragment in Cambuci municipality, state of Rio de Janeiro, Brazil*. 2013. Check List. 9(6). DOI:10.15560/9.6.1505

4. **Attias N**, Raíces DSL, Pessoa FS, Albuquerque HG, Jordão-Nogueira T, Modesto TC, Bergallo HG: *Potential distribution and new records of *Trinomys* species (Rodentia: Echimyidae) in Rio de Janeiro State*. 2009. *Zoologia (Curitiba Impresso)*. 26(2). DOI:10.1590/S1984-46702009000200013
3. Pessoa FS, Modesto TC, Albuquerque HG, **Attias N**, Bergallo HG: *Non-volant mammals, Reserva Particular do Patrimônio Natural (RPPN) Rio das Pedras, municipality of Mangaratiba, state of Rio de Janeiro, Brazil*. 2009. *Check List*. 5: 577-586.
2. Modesto TC, Pessoa FS, Enrici MC, **Attias N**, Jordão-Nogueira T, Costa LM, Albuquerque HG, Bergallo HG: *Mammals of Desengano State Park, Rio de Janeiro, Brazil*. 2008. *Biota Neotropica*. 8(4). DOI:10.1590/S1676-06032008000400015
1. Modesto TC, Pessoa FS, Jordão-Nogueira T, Enrici MC, Costa LM, **Attias N**, Almeida J, Raíces DSL, Albuquerque HG, Pereira BC, Esbérard CEL, Bergallo HG: *Mammals, Serra da Concórdia, state of Rio de Janeiro, Brazil*. 2008. *Check List*; 4(3). DOI:10.15560/4.3.341

## Manuscripts under review

3. Noonan M, Fleming CH, Tucker MA, ..., **Attias N**, ..., Fagan WF, Mueller T, Calabrese JM. *Body-size-dependent underestimation of mammalian area requirements*. *Conservation Biology*. Under review.
2. Giroux A, Ortega Z, Bertassoni A, Desbiez A, Kluyber D, Massocato G, de Miranda Guilherme, Mourão G, Surita L, **Attias N**, Bianchi RC, Gasparotto V, Oliveira-Santos LG. *The role of environmental temperature on movement of a basoendothermic mammal*. *Journal of Animal Ecology*. Under review.
1. **Attias N**, Gurarie E, Fagan WF, Mourão G. *Ecology and social biology of the southern three-banded armadillo*. *Journal of Mammalogy*. Under review.

## Book Chapters

- Bergallo HG, Esbérard CEL, Geise L, Grelle CEV, Vieira MV, Gonçalves PR, Paglia A, **Attias N**. *Mamíferos endêmicos e ameaçados do Estado do Rio de Janeiro: diagnóstico e estratégias para a conservação (Threatened and endemic mammals of Rio de Janeiro State: diagnosis and strategies for conservation)*. In *Estratégias e ações para a conservação da biodiversidade no Estado do Rio de Janeiro*. Edited by HG Bergallo, ECC Fidalgo, CFD Rocha, MC Uzêda, MB Costa, MA Alves, M Van Sluys, MA Santos, TC Castro da Costa, ACR Cozzolino, 2009: chapter 15; Instituto Biomas.
- Desbiez ALJ, Jlyber D, Massocato GF, **Attias N**. *Ordem Cingulata*. In *Mamíferos do Pantanal (Mammals of the Pantanal)*. In press.
- Desbiez ALJ, Jlyber D, Massocato GF, **Attias N**. *Superordem Xenarthra*. In *Mamíferos do Pantanal (Mammals of the Pantanal)*. In press.

## Articles in Newspapers/Magazines

Desbiez A. L., Massocato G. F., Kluyber D., **Attias N.** *Já viu um tatu-de-rabo-mole? Ecologia e comportamento de uma espécie bem discreta (Have you ever seen a naked-tailed armadillo? Ecology and behavior of a very shy species)*. 2018. Revista Ciência Pantanal, p. 36 – 41

## Presentations

Attias N, Oliveira-Santos LGR, Fagan WF, Mourão GM. *Effects of air temperature on habitat selection and activity patterns of two tropical imperfect homeotherms*. 2019. II Movement Ecology Brazil Meeting, Federal University of Mato Grosso do Sul, Campo Grande, Brazil.

Attias N. *Why armadillos? Xenarthrans as a study subject in ecology*. 2018. Talk for the Ecology Graduate Program at the Federal University of Rio de Janeiro.

Attias N, Oliveira-Santos LGR, Fagan WF, Mourão GM. *Effects of air temperature on habitat selection and activity patterns of two tropical imperfect homeotherms*. 2017. 9º Congresso Brasileiro de Mastozoologia & 9º Encontro para Estudo de Quirópteros, Pirenópolis. (IX Brazilian mammalogical congresso) \*awarded best oral presentation

## Research Experience

*May 2018 - present* **Post-doctoral position at the Animal Biology Graduate Program of the Federal University of Mato Grosso do Sul**, performing research and graduate teaching activities.  
Project: Ecology and natural history of the giant armadillo (*Priodontes maximus*) in the Brazilian Pantanal.  
Campo Grande, Brazil

*May 2017 – present* **Scientific Publications Coordinator at the NGO Institute for the Conservation of Wild Animals (ICAS)**, acting as a researcher, data analyst and scientific publications coordinator for The Giant Armadillo Conservation Program.  
Project: The Giant Armadillo Project  
Project: Anteaters & Highways  
[www.icasconservation.org.br](http://www.icasconservation.org.br)  
Campo Grande, Brazil

*Oct 2015 - Apr 2016* **Visiting scholar at the Fagan Lab**, PhD research activities (data analysis).  
Project: Spatial and temporal ecology of two armadillo species in a Neotropical wetland  
University of Maryland, Biology Department  
Maryland, USA

*Mar 2013 – May 2017* **Member of the Wildlife Lab**, PhD research activities. (Experimental design, grant proposal, field-work, data analysis, publishing and undergraduate students supervision).

Project: Spatial and temporal ecology of two armadillo species in a Neotropical wetland  
Brazilian Agricultural Research Corporation (EMBRAPA), Embrapa Pantanal  
Corumbá, Brazil

*Mar 2005 – Dec 2012* **Member of the Mammal Ecology Lab**, undergraduate and graduate research activities. (Field work, data analysis, publishing).  
Project: Endemic, Threatened and Exotic Mammals of the Rio de Janeiro State  
Project: Small Mammal Population and Community Ecology in the Atlantic Forest of Rio de Janeiro  
Project: Identification of species of the genus *Monodelphis* (Mammalia: Didelphimorphia) through the ultra-structure of guard hair  
Project: Potential Distribution of two Exotic Species of the Genus *Acacia* Mill. in Brazil  
Rio de Janeiro State University (UERJ), Ecology Department  
Rio de Janeiro, Brazil

*Sep 2011 - Dec 2011* **Research Project Field Assistance at Biological Reserve Uatumã**, performing mammal inventory through camera trap and transect census techniques.  
Project: Responses of medium and large vertebrates to changes in the spatial and structural configuration of insular fragments in the Brazilian Central Amazon (University of East Anglia)  
Manaus, Amazonas, Brazil

*Mar 2008 - Mar 2009* **Collaborator of the project Fauna Survey and Monitoring of Carajás National Forest, Pará, Brazil**, teaching field techniques in Mammal Ecology to undergraduate students.  
Grant: Technical Support grant from FUNPEA  
Federal Rural University of Amazônia (UFRA)

*Mar 2004 - Dec 2008* **Collaborator and Member of the NGO Instituto Biomas**, performing research, mammal inventory and conservation activities in the Rio de Janeiro State. (Field work, database development and organization, workshop organization, publishing).  
Project: Strategies and actions for the Conservation of Biodiversity in the Atlantic Rainforest of Rio de Janeiro  
Rio de Janeiro, Brazil

*Mar 2000 - Mar 2001* **High school Junior trainee of the Vertebrate Lab**, assistance in lab activities. (Taxidermy, ex situ animal footage, field work, small mammal capture and elaboration of conference presentation).  
Project: Neotropical Marsupials Biology - Getting to know the scientific method  
Federal University of Rio de Janeiro (UFRJ), Ecology Department  
Rio de Janeiro, Brazil

## Teaching Experience

- Jul 2019* **Teacher of the Movement Ecology Course at the II Movement Ecology Brazil Meeting held at the Federal University of Mato Grosso do Sul**, teaching topics regarding theory and tools for the study of home range and static interaction.  
Duration: 45 hours  
Campo Grande, Brazil
- Jul 2019* **Teaching assistant of the Workshop of Movement Ecology at the II Movement Ecology Brazil Meeting held at the Federal University of Mato Grosso do Sul**, aiding participants with data analysis in varied aspects of movement ecology.
- May 2019* **Teacher of the course of Applied Species Conservation at the Animal Biology Graduate Program of the Federal University of Mato Grosso do Sul**, teaching topics regarding the multiple aspects involved in applying conservation biology principles (e.g. communication, conservation medicine, human wildlife conflict, in situ and ex situ conservation strategies).  
Duration: 30 hours  
Campo Grande, Brazil
- Sep 2018* **Teacher of the course of Field Ecology at the Ecology Graduate Program of the Federal University of Mato Grosso do Sul**, teaching topics such as sampling design, ecological theory and field methods.  
Duration: 60 hours  
Corumbá, Brazil.
- Mar 2009 – Dec 2009* **Teacher of Biology** for the 6<sup>th</sup> and the 10<sup>th</sup> grades at São Vicente de Paulo High School, part time teaching activities as a mean for obtaining a teaching degree in Biology.  
Rio de Janeiro, Brazil.
- Aug 2007* **Teacher of the Short Term Course on Taxidermy and diaphanization of small vertebrates**, theory and practice. Federal University of the State of Rio de Janeiro.  
Duration: 6 hours  
Rio de Janeiro, Brazil

## Student supervision/ Academic Advisory

- Ana C.V. Zambrini. 2015. *Feeding ecology of yellow armadillo Euphractus sexcinctus (Linnaeus, 1758), at the Nhumirim ranch, Pantanal da Nhecolândia, MS. Completion work.*  
Undergraduate course in Ecology. Universidade Estadual Paulista Júlio de Mesquita Filho.  
Advisor: G. Mourão  
Second advisor: N. Attias.
- Tainara Santana. 2019 – ongoing. *Diet of the giant anteater, Myrmecophaga tridactyla (Linnaeus, 1758), in two localities of Mato Grosso do Sul. MSc thesis.*  
Animal Biology Graduate Program. Federal University of Mato Grosso do Sul.  
Advisor: A. Desbiez  
Second advisor: N. Attias
- Natalia Nascimento. 2019 – ongoing. *Feeding habits of the giant armadillo Priodontes maximus (Kerr, 1792) in the Nhecolândia Pantanal, Mato Grosso do Sul. MSc thesis.*  
Animal Biology Graduate Program. Federal University of Mato Grosso do Sul.  
Advisor: A. Desbiez  
Second advisor: N. Attias

## Examination Board

- Attias N, Chiarello AG, Boscolo D. 2018. **Member of the Board** of Thiago Ferreira Rodrigues. Qualification Exam (Ph.D. Student in Applied Ecology) - Universidade de São Paulo.
- Attias N, Menezes J, Cáceres N, Di Blanco Y. 2019. **Member of the Board** of Aline da Silva Giroux Master's thesis defense (M.Sc. in Ecology and Conservation) – Universidade Federal do Mato Grosso do Sul.
- Attias N. 2019. **Member of the Board** of Flavia Fernanda Weber de Souza Master's thesis proposal (M.Sc. in Ecology and Conservation) – Universidade Federal do Mato Grosso do Sul.

## Scientific Journal Referee

- 2016 - Present    Journal: Mammalia (Paris)
- 2017 - Present    Journal: Edentata (Belo Horizonte)
- 2017 - Present    Journal: Oecologia Australis
- 2018 - Present    Journal: Austral Ecology
- 2018 - Present    Journal: Journal of Neotropical Mammalogy
- 2018 - Present    Journal: Studies on Neotropical Fauna and Environment
- 2019 - Present    Journal: Movement Ecology



## Technical work, Advisory and Consulting

Attias N. 2018. **Specialist Consultant at the Workshop on the Elaboration of the National Plan of Action for the Conservation of the** Giant anteater and the Giant armadillo. Chico Mendes Institute for Biodiversity Conservation. Cabedelo, Paraíba.

Attias N. 2018. **Specialist Consultant at the Workshop for the Evaluation of the Conservation Status** of the Brazilian Xenarthrans - II Cycle. Chico Mendes Institute for Biodiversity Conservation. Cabedelo, Paraíba.

Attias N, Portela S, Anacleto TCS, Azevedo RB, Miranda FR, Bocchiglieri A, Feijó JÁ, Sena L, Reis ML. 2018. **Member of the Technical Advisory Group** for the National Plan of Action for the Conservation of the Three-banded armadillo. Chico Mendes Institute for Biodiversity Conservation.

Attias N. 2014. **Specialist Consultant at the Workshop on the Elaboration of the National Plan of Action for the Conservation of the** Three-banded armadillo. Chico Mendes Institute for Biodiversity Conservation. Crateús, Ceará.

Papi B, Attias N. 2011. **Field Biologist for the Environmental characterization and monitoring** of the transmission line LT CATXERÊ Cuiabá-MT/Rio Verde de Goiás-GO. Brazil.

Attias N, Motta I. 2009. **Chief Mammal Biologist on the Report on environmental impact** of the implantation, duplication, restoration, improvement, capacity suitability and improvements operation of the BR-101/RJ highway, section Rio Bonito to access to Rio das Ostras, with approximate extension of 71 km in the state of Rio de Janeiro.

## Interviews and Media Comments

Edmonds P. July 2018. *The joy of the chase - or sex at high speeds*. National Geographic Magazine. (<https://www.nationalgeographic.com/magazine/2018/07/basic-instincts-armadillo/>)

Guimarães M. 2018. *The gears of the forest: The loss of more than 60% of native vegetation within a region leads to profound changes in how it operates*. Revista Pesquisa Fapesp. (<http://revistapesquisa.fapesp.br/en/2018/06/25/the-gears-of-the-forest/>)

Guimarães M. 2018. *Between water and land: The tendency toward more torrential rains could change the course of rivers and wetlands in the Pantanal region*. (<http://revistapesquisa.fapesp.br/en/2018/07/04/between-water-and-land/>).

## Articles published in annals of events (Summary)

Attias N, Oliveira-Santos LGR, Fagan WF, Mourão GM. *Efeitos da temperatura do ar sobre a seleção do habitat e os padrões de atividade de dois homeotermos imperfeitos tropicais* (Effects of air temperature on habitat selection and activity patterns of two tropical

imperfect homeotherms). 9º Congresso Brasileiro de Mastozoologia & 9º Encontro para Estudo de Quirópteros, 2017, Pirenópolis.

- Attias N, Maccarini TB, Medri IM, Marinho-Filho J, Mourão GM. Temperature influences the activity patterns of two armadillo species in a large neotropical wetland. In: VII Congresso Brasileiro de Mastozoologia, 2014, Gramado.
- Attias N, Desbiez AL, Mourão GM. Ecologia espacial de tatu-bola (*Tolypeutes matacus*) no Pantanal do Paraguai, MS (Spatial ecology of three-banded armadillo (*Tolypeutes matacus*) in the Pantanal do Paraguai, MS). In: 8 Congresso Brasileiro de Mastozoologia, 2015, João Pessoa. 8 Congresso Brasileiro de Mastozoologia: SBMz 30 anos, 2015. p. 224.
- Attias N, Siqueira MF, Bergallo HG. Australian Acacias in Brazil: Are they here to stay? In: Emapi, 2013, Pirenópolis. Ecology and management of alien plant invasions, 2013.
- Attias N, Ferreira PM, Bergallo HG. Caracterização do padrão de invasão de *Acacia mearnsii* De Wild. (Fabaceae: Mimosoidea) através de modelagem de distribuição potencial. In: 61 Congresso Nacional de Botânica, 2010, Manaus. Diversidade Vegetal Brasileira: conhecimento, conservação e uso, 2010.
- Santos-Gomes SC, Furtado-Souza C, Santos NL, Aguiar CS, Attias N, Ardente NC, Modesto TC, Bergallo HG, Gettinger D, Hatano FM. Análise da Comunidade de Marsupiais (Mammalia: Didelphimorphia) na Floresta Nacional de Carajás - PA. In: Congresso Brasileiro de Zoologia, 2010, Belém. Resumos do XXVIII Congresso Brasileiro de Zoologia, 2010.
- Attias N, Rocha-Barbosa O, Bergallo HG. Identification of species of the genus *Monodelphis* (Mammalia: Didelphimorphia) through the structure of guard hair In: International Mammalogical Congress, 2009, Mendoza. 10 International Mammalogical Congress, 2009. v.1. p.297 - 297
- Modesto TC, Pessoa FS, Albuquerque HG, Raíces DSL, Jordão-Nogueira T, Luz JL, Attias N, Enrici MC, Bergallo HG. Effect of black-eared opossum, *Didelphis aurita* Wied-Newied, 1826 (Didelphidae), in small mammal communities. In: IV Congresso Brasileiro de Mastozoologia, 2008, São Lourenço. Mastozoologia no Brasil: Do Passado aos Desafios Atuais, 2008.
- Pessoa FS, Modesto TC, Jordão-Nogueira T, Albuquerque HG, Raíces DSL, Attias N, Luz JL, Enrici MC, Esbérard CEL, Bergallo HG. Estrutura da comunidade de pequenos mamíferos terrestres da Reserva Particular de Rio das Pedras, Mangaratiba, Rio de Janeiro, Brasil. In: IV Congresso Brasileiro de Mastozoologia, 2008, São Lourenço. Mastozoologia no Brasil: Do Passado aos Desafios Atuais, 2008.
- Ferreira PM, Attias N, Modesto TC, Pessoa FS, Albuquerque HG, Jordão-Nogueira T, Oliveira LS, Raíces DSL, Esbérard CEL, Bergallo HG. Levantamento faunístico de mamíferos do remanescente florestal da Serra da Concórdia (RJ). In: IV Congresso Brasileiro de Mastozoologia, 2008, São Lourenço. Mastozoologia no Brasil: Do Passado aos Desafios Atuais, 2008.
- Jordão-Nogueira T, Modesto TC, Albuquerque HG, Pessoa FS, Enrici MC, Attias N, Costa LM, Souza WS, Bergallo HG. Mamíferos do Parque Estadual do Desengano, Rio de Janeiro, Brasil. In: IV Congresso Brasileiro de Mastozoologia, 2008, São Lourenço. Mastozoologia no Brasil: Do Passado aos Desafios Atuais, 2008.

Pessoa FS, Modesto TC, Enrici MC, Jordão-Nogueira T, Pereira BC, Attias N, Luz JL, Raíces DSL, Esbérard CEL, Bergallo HG. Mamíferos terrestres da região turística da costa verde, Estado do Rio de Janeiro, Brasil In: iV Congresso Brasileiro de Mastozoologia, 2008, São Lourenço. Mastozoologia no Brasil: Do Passado aos Desafios Atuais, 2008.

Attias N, Raíces DSL, Pessoa FS, Albuquerque HG, Jordão-Nogueira T, Modesto, TC, Bergallo HG. Novos registros de ocorrência para espécies do gênero *Trinomys* Thomas, 1921 (Rodentia: Echimyidae) no Estado do Rio de Janeiro. In: IV Congresso Brasileiro de Mastozoologia, 2008, São Lourenço. Mastozoologia no Brasil: Do passado aos desafios atuais, 2008.

Attias N, Albuquerque HG, Pessoa FS, Modesto, T.C., Raíces DSL, Jordão-Nogueira T, Enrici MC, Esbérard CEL, Bergallo HG. Eficiência de captura em estudos de pequenos mamíferos no Estado do Rio de Janeiro In: I Congresso Sul-Americano de Mastozoologia, 2006, Gramado. I Congresso Sul-Americano de Mastozoologia, 2006. p.147 - 147

Modesto, T.C., Pessoa FS, Albuquerque HG, Raíces DSL, Attias N, Jordão-Nogueira T, ENRICI, M.C., Esbérard CEL, Bergallo HG. Fatores influenciando a riqueza e a composição de espécies em comunidades de Mamíferos em áreas de Mata Atlântica do Estado do Rio de Janeiro, Brasil. In: I Congresso Sul-Americano de Mastozoologia, 2006, Gramado. I Congresso Sul-Americano de Mastozoologia, 2006. p.131 - 131

Pessoa FS, Modesto, T.C., Albuquerque HG, Attias N, Raíces DSL, Jordão-Nogueira T, Enrici MC, Esbérard CEL, Bergallo HG. Microhabitat de pequenos mamíferos em três áreas de Mata Atlântica do Estado do Rio de Janeiro In: I Congresso Sul-Americano de Mastozoologia, 2006, Gramado. I Congresso Sul-Americano de Mastozoologia, 2006. p.141 - 141

Pessoa FS, Modesto TC, Albuquerque HG, Attias N, Raíces DSL, Jordão-Nogueira T, Enrici MC, Esbérard CEL, Bergallo HG. Padrão de distribuição altitudinal de pequenos mamíferos terrestres no estado do Rio de Janeiro. In: I Congresso Sul-Americano de Mastozoologia, 2006, Gramado. I Congresso Sul-Americano de Mastozoologia, 2006. p.138 - 138

## Exhibition Organized

Attias N, Mourão GM. 2014. Conceptualization, theoretical foundation and lecture presentation for the broad public at the "*Armadillos of the Pantanal*" exhibit promoted by Fundação Grupo Boticário de Proteção a Natureza. Corumbá, Mato Grosso do Sul, Brazil.

## Complementary Education

2012 **Short Term Course** in Biology, Management and Medicine of Xenarthrans. Parque Zoológico Huachipa, PZH, Peru

2009 **Short Term Course** in IUCN Red List Categories and Criteria Workshop. International Federation of Mammalogists, IFM, Argentina

2007 **Short Term Course** in ArcGis. Embrapa Solos, EMBRAPA, Brasil

- 2006 **Short Term Course** in Phylogenetic Systematics. Universidade Federal do Estado do Rio de Janeiro, UNIRIO, Rio De Janeiro, Brasil
- 2006 **Short Term Course** in Management and conservation of captivity mammals. Sociedade Brasileira de Mastozoologia, SBMZ, Rio de Janeiro, Brasil
- 2006 **Short Term Course** in Spatial and Temporal Dynamics of Populations. Laboratório Nacional de Computação Científica, LNCC, Petrópolis, Brasil.
- 2005 **Short Term Course** in Dynamics of Food Webs and Nutrient Cycling. Laboratório Nacional de Computação Científica, LNCC, Petropolis, Brasil.
- 2005 **Short Term Course** in Impact of Fragmentation in Seed Dispersal. Sociedade de Ecologia do Brasil, SEB, Rio Claro, Brasil
- 2004 **Short Term Course** in Primate Social Behavior. Sociedade Brasileira de Etologia, SBET, Uberlândia, Brasil
- 2003 **Extension Course** in Community leadership and nonformal education. Institute for Foreign Youth Leaders, Jerusalem, Israel.