

DIEGO POL

PERSONAL DATA

Name: Diego Pol

Passport Number: 23964293 (Argentina)

Birth: Rosario, Argentina. June 23rd, 1974.

Address: Museo Paleontológico Egidio Feruglio, Av. Fontana 140, Trelew CP 9100,
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EDUCATION

2005 Ph.D., Dept of Earth and Environmental Sciences, Columbia University, New York.

2004 M.Phil., Dept of Earth and Environmental Sciences, Columbia University, New York.

2001 M.A., Dept of Earth and Environmental Sciences, Columbia University, New York.

1994-1999 College Degree: Licenciado in Biological Sciences, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina. GPA: 8.65 (out of 10)

Theses: Ph.D dissertation: "Phylogenetic relationships of basal sauropodomorph dinosaurs", 705 pp.

Insitution: Columbia University

Grade: Straight Pass/Straight Pass

Licenciatura thesis: "El esqueleto postcraneano de *Notosuchus terrestris* y su informacion filogenética", 185 pp.

Insitution: Universidad de Buenos Aires

Grade: 10 (out of 10)

VERTEBRATE PALEONTOLOGY WORK EXPERIENCE

2015- Principal Researcher
CONICET – Museo Paleontológico Egidio Feruglio
Trelew, Chubut, Argentina
Research on phylogenetic relationships of fossil archosaurs

- 2011- Independent Researcher
 CONICET – Museo Paleontológico Egidio Feruglio
 Trelew, Chubut, Argentina
Research on phylogenetic relationships of fossil archosaurs
- 2006-2010 Adjunct Researcher
 CONICET – Museo Paleontológico Egidio Feruglio
 Trelew, Chubut, Argentina
Research on phylogenetic relationships of fossil archosaurs
- 2005 Postdoctoral Fellowship
 Mathematical Biosciences Institute
 Ohio State University, Columbus, Ohio.
Research on efficiency of phylogenetic methods using parallel computing architecture
 - Advisor: Dr. D. Janies (Ohio State University)
 - Co-advisor: Dr. Pablo Goloboff (Insituto Miguel Lillo)
- 1999-2004 Division of Paleontology
 American Museum of Natural History, New York
Research on basal sauropodomorph phylogenetics, crocodyliform phylogenetic relationships, performance of phylogenetic methods, and measures of congruence between the fossil record and phylogenetic relationships
 - Advisor: Dr. M. A. Norell
- 1998 Vertebrate Paleontogy Laboratory, Geology Department
 Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina
Undergraduate thesis for the Licenciatura in Biological Sciences
 - Subject: Phylogenetic informativeness of postcranial remains of Mesoeucrocodylians
 - Advisor: Dr. A. M. Baez
- 1992-1997 Vertebrate Paleontology Department
 Museo Argentino de Ciencias Naturales “B. Rivadavia” , Buenos Aires, Argentina
Volunteer technician work
 Including mechanical preparation of fossil vertebrates, preparation of molds and casts for the museum exhibition, field assistant, and assistant in collection organizing
 - Advisor: Dr. J. F. Bonaparte and G. W. Rougier

PUBLICATIONS

Published Papers

1. FELICE, R.N., WATANABE, A., CUFF, A., NOIRAUT, E., **POL, D.**, WITMER, L.M., NORELL, M.A., O'CONNOR, P.M., GOSWAMI, A. **2019**. Evolutionary integration and modularity in the archosaur cranium. **Integrative and Comparative Biology** 59: 371–382.
2. RAUHUT, O.W.M., **POL, D.** **2019**. Probable basal allosauroid from the early Middle Jurassic Cañadón Asfalto Formation of Argentina highlights phylogenetic uncertainty in tetanuran theropod dinosaurs. **Scientific Reports** 9: 1–9.
3. KRAUSE, M., RAMEZANI, J., UMAZANO, A.M., **POL, D.**, CARBALLIDO, J.L., STERLI, J., PUERTA, P., CUNEO, N.R., BELLOSI, E.S. **2019**. High-resolution chronostratigraphy of the Cerro Barcino Formation (Patagonia): Paleobiologic implications for the mid-cretaceous dinosaur-rich fauna of South America. **Gondwana Research**. DOI: 10.1016/j.gr.2019.10.005
4. OTERO, A., CUFF, A.R., ALLEN, V., SUMMER-ROONEY, L., **POL, D.**, & HUTCHINSON, J.R. **2019**. Ontogenetic changes in the body plan of the sauropodomorph dinosaur *Mussaurus patagonicus* reveal shifts of locomotor stance during growth. **Scientific Reports** 9 : 7614. DOI 10.1038/s41598-019-44037-1
5. MARTINEZ, R., ALCOBER, O. & **POL, D.** **2019**. A new protosuchid crocodyliform (*Pseudosuchia*, *Crocodyliformes*) from the Norian Los Colorados Formation, northwestern Argentina. **Journal of Vertebrate Paleontology** 38 : 1–12. DOI 10.1080/02724634.2018.1491047

6. GOLOBOFF, P.A., PITTMAN, M., **POL, D.** & XU, X. **2019**. Morphological datasets fit a common mechanism much more poorly than DNA sequences and call into question the Mkv model. **Systematic Biology** 68: 494-504.
7. HOLWERDA, F. & **POL, D.** **2018**. Phylogenetic analysis of Gondwanan basal eusauropods from the Early–Middle Jurassic of Patagonia. **Spanish Journal of Paleontology** 33 : 289-298.
8. KRUPANDAN, E., CHINSAMY-TURAN, A., **POL, D.** 2018. The long bone histology of the sauropodomorph *Antetonitrus ingenipes*. **The Anatomical Record** 301 : 1506-1518.
9. APALDETTI, C. A., MARTINEZ, R. N., CERDA, I. A., **POL, D.**, & ALCOBER, O. 2018. An early trend towards gigantism in Triassic sauropodomorph dinosaurs. **Nature Ecology and Evolution** 1-6. DOI 10.1038/s41559-018-0599-y
10. BECERRA, **POL, D.**, RÖSSNER, G. E. & RAUHUT, O. W. M. 2018. Heterodonty and double occlusion in *Manidens condorensis*: a unique adaptation in an Early Jurassic ornithischian improving masticatory efficiency. **Naturwissenschaften** 105:41. DOI 10.1007/s00114-018-1569-6.
11. LEARDI, J. M., **POL, D.**, & GASPARINI, Z. 2018. New Patagonian baurusuchids (Crocodylomorpha; Notosuchia) from the Bajo de la Carpá Formation (Upper Cretaceous; Neuquén, Argentina): New evidences of the early sebecosuchian diversification in Gondwana. **Comptes Rendus Palevol**; DOI 10.1016/j.crpv.2018.02.002
12. RAUHUT, O.W.M. & **POL, D.** 2017. A theropod dinosaur from the Late Jurassic Cañadón Calcáreo Formation of Central Patagonia, and the evolution of the theropod tarsus. **Ameghiniana** 54: 539-566.

13. CARBALLIDO, J.L., HOLWERDA, F., **POL, D.**, & RAUHUT, O.W.M. 2017. An Early Jurassic sauropod tooth from Patagonia (Cañadón Asfalto Formation): implications for sauropod diversity. **Publicación Electrónica de la Asociación Paleontológica Argentina** 17: 50-57.
14. LANGER, M.C., EZCURRA, M.D., RAUHUT, O.W.M., BENTON, M.J., KNOLL, F., MCPHEE, B.W., NOVAS, F.E., **POL, D.**, & STEPHEN L BRUSATTE. 2017. Untangling the dinosaur family tree. **Nature** 551: E1-E3.
15. OTERO, A., ALLEN, V., **POL, D.**, & HUTCHINSON, J.R. 2017. Forelimb muscle and joint actions in Archosauria: insights from *Crocodylus johnstoni* (Pseudosuchia) and *Mussaurus patagonicus* (Sauropodomorpha). **PeerJ** 5:e3976. DOI 10.7717/peerj.3976
16. BECERRA, M.G., GOMEZ, K.L., & **POL, D.** 2017. A sauropodomorph tooth increases the diversity of dental morphotypes in the Cañadón Asfalto Formation (Early – Middle Jurassic) of Patagonia. **Comptes Rendus Palevol** 1-9. DOI 10.1016/j.crpv.2017.08.005
17. CARBALLIDO, J.L., **POL, D.**, OTERO, A., CERDA, I.A., SALGADO, L., GARRIDO, A.C., RAMEZANI, J., CUNEO, N.R., & KRAUSE, J.M. 2017. A new giant titanosaur sheds light on body mass evolution among sauropod dinosaurs. **Proceedings of the Royal Society** 284: 1-10. DOI 10.1098/rspb.2017.1219
18. CERDA, I.A., CHINSAMY-TURAN, A., **POL, D.**, APALDETTI, C., OTERO, A., POWELL, J. E. & MARTINEZ, R. N. 2017. Novel insight into the origin of the growth dynamics of sauropod dinosaurs. **Plos One** 12(6): e0179707, DOI 10.1371/journal.pone.0179707
19. LECUONA, A., DESEOJO, J. B. & **POL, D.** 2017. New information on the postcranial skeleton of *Gracilisuchus stipanicorum* (Archosauria: Suchia) and

- reappraisal of its phylogenetic position. **Zoological Journal of the Linnean Society** 2017: 1-40; DOI 10.7717/peerj.2801
20. LEARDI, J. M., **POL, D.**, & CLARK, J.M. 2017. Detailed anatomy of the braincase of *Macelognathus vagans* Marsh, 1884 (Archosauria, Crocodylomorpha) using high resolution tomography and new insights on basal crocodylomorph phylogeny. **Peer J** 5:e2801; DOI 10.7717/peerj.2801
21. FIORELLI, L.E., LEARDI, J.M., HECHENLEITNER, E.M., **POL, D.**, BASILICI, G. & GRELLET-TINNER, G. 2016. A new Late Cretaceous crocodyliform from the western margin of Gondwana (La Rioja Province, Argentina). **Cretaceous Research** 60: 194-209.
22. CODORNIU, L., PAULINA CARABAJAL, A., **POL, D.**, UNWIN, D., & RAUHUT, O.W.M. 2016. A Jurassic pterosaur from Patagonia and the origin of the pterodactyloid neurocranium. **PeerJ** 4: e2311.
23. BECERRA, M., **POL, D.**, RAUHUT, O.W.M., & CERDA, I. 2016. New heterodontosaurid remains from the Cañadón Asfalto Formation: cursoriality and the functional importance of the pes in small heterodontosaurids. **Journal of Paleontology** 90: 555-577.
24. OTERO, A., APALDETTI, C., & **POL, D.** 2016. Basal Sauropodomorpha of Gondwana. *Contribuciones del Museo Argentino de Ciencias Naturales* 6: 119-128.
25. WILSON, J.A., **POL, D.**, CARVALHO, A.B., & ZAHER, H. 2016. The skull of the titanosaur *Tapuiasaurus macedoi* (Dinosauria: Sauropoda), a basal titanosaur from the Lower Cretaceous of Brazil. **Zoological Journal of the Linnean Society**. 178: 611-662. doi: 10.1111/zoj.12420

26. REGUERO, M.A., OLIVERO, E.B., & **POL, D.** 2016. Gondwanan Perspectives: Cretaceous–Paleogene Biota of West Antarctica. *Ameghiniana* 53: 241–244.
27. **POL, D.** & LEARDI J.M. 2015. Diversity patterns of Notosuchia (Crocodyliformes, Mesoeucrocodylia) during the Cretaceous of Gondwana. **Publicación Electrónica de la Asociación Paleontológica Argentina** 15: 172-186.
28. LEARDI, J.M., **POL, D.**, NOVAS, F.E., & SUAREZ-RIGLOS, M. 2015. The postcranial anatomy of *Yacararani boliviensis* and the phylogenetic significance of the notosuchian postcranial skeleton. **Journal of Vertebrate Paleontology** 35: e995187.
29. CARBALLIDO, J.L., **POL, D.**, PARRA RUGE, M.L., PADILLA BERNAL, S., PARAMO-FONSECA, M.E., & ETAYO-SERNA, F. 2015. A new Early Cretaceous brachiosaurid (Dinosauria, Neosauropoda) from northwestern Gondwana (Villa de Leiva, Colombia). **Journal of Vertebrate Paleontology** 35: e980505.
30. RAUHUT, O.W.M., **POL, D.** & CARBALLIDO, J.L. 2015. A diplodocid sauropod dinosaur from the Late Jurassic Cañadón Calcáreo Formation of Chubut, Argentina. **Journal of Vertebrate Paleontology** 35: e982798.
31. OTERO, A., KRUPANDAN, E., **POL, D.**, CHINSAMY, A. & CHONIERE, J. 2015. A New Basal Sauropodomorph from South Africa and the phylogenetic relationships of basal sauropodomorphs. **Zoological Journal of the Linnean Society** 174: 589-634.
32. GASPARINI, Z., STERLI, J. PARRAS, A., O'GORMAN, J.P., SALGADO, L., VARELA, J. & **POL, D.** 2015. Late Cretaceous reptilian biota of the La Colonia Formation, central Patagonia: Occurrences, preservation and paleoenvironments. **Cretaceous Research** 54: 154-168.

33. CANALE, J., NOVAS, F.E., & **POL, D.** 2015. Osteology and phylogenetic relationships of *Tyrannotitan chubutensis* Novas, de Valais, Vickers-Rich and Rich 2005 (Theropoda: Carcharodontosauridae) from the Lower Cretaceous of Patagonia, Argentina. **Historical Biology** 27: 1-32.
34. HOLWERDA, F., **POL, D.**, & RAUHUT, O.W.M. 2015. Using dental enamel wrinkling to define sauropod tooth morphotypes from the Cañadón Asfalto Formation, Patagonia, Argentina. **PLoS One** 10(2): e0118100.
35. VON BACZKO, B., DESOJO, J.B., & **POL, D.** 2014. Anatomy and phylogenetic position of *Venaticosuchus rusconii* Bonaparte, 1970 (Archosauria, Pseudosuchia) from the Ischigualasto Formation (Late Triassic), La Rioja, Argentina. **Journal of Vertebrate Paleontology** 34: 1342-1356.
36. BECERRA, M.G., **POL, D.**, MARSICANO, C.A., & RAUHUT, O.W.M. 2014. The dentition of *Manidens condorensis* (Ornithischia; Heterodontosauridae) from the Jurassic Cañadón Asfalto Formation of Patagonia: morphology, heterodonty, and the use of statistical methods for identifying isolated teeth. **Historical Biology** 26: 480-492.
37. APALDETTI, C.A., MARTINEZ, R., **POL, D.**, & SOUTIER, T. 2014. Redescription of the skull of *Coloradisaurus brevis* (Dinosauria, Sauropodomorpha) from the Late Triassic Los Colorados Formation of the Ischigualasto-Villa Union Basin, northwestern Argentina. **Journal of Vertebrate Paleontology** 34: 1113-1132.
38. CERDA, I.A., CHINSAMY-TURAN, A. & **POL, D.** 2014. Unusual endosteally formed bone tissue in a Patagonian basal sauropodomorph dinosaur. **The Anatomical Record** 297: 1385-1391.

39. XU, X., & **POL, D.** 2014. *Archaeopteryx*, paravian phylogenetic analyses, and the use of probability-based methods for palaeontological datasets. **Journal of Systematic Palaeontology** 12: 323-334.
40. **POL, D.**, NASCIMENTO, P.M., CARVALHO, A.B., RICCOMINI, C., PIRES-DOMINGUES, R.A., & ZAHER, H. 2014. A new notosuchian from the Late Cretaceous of Brazil and the phylogeny of advanced notosuchians. **PLoS One** 9: 1-66.
41. CERDA, I., **POL, D.**, & CHINSAMY-TURAN, A. 2014. Osteohistological insight into the early stages of growth in *Mussaurus patagonicus* (Dinosauria, Sauropodomorpha). **Historical Biology** 26: 110-121.
42. CUNEO, N.R., RAMEZANI, J., SCASSO, R., **POL, D.**, ESCAPA, I.H., ZAVATTIERI, A.M., & BOWRING, S.A. 2013. High-precision U-Pb geochronology and a new chronostratigraphy for the Cañadón Asfalto Basin, Chubut, Central Patagonia: Implications for terrestrial faunal and floral evolution in the Jurassic. **Gondwana Research** 24: 1267-1275.
43. **POL, D.**, RAUHUT, O.W.M., LECUONA, A., LEARDI, J.M., XU, X., & CLARK, J.M. 2013. A new fossil from the Jurassic of Patagonia reveals the early basicranial evolution and the origins of Crocodyliformes. **Biological Reviews** 88: 862-872.
44. OTERO, A., & **POL, D.** 2013. Postcranial anatomy and phylogenetic relationships of *Mussaurus patagonicus* (Dinosauria, Sauropodomorpha). **Journal of Vertebrate Paleontology** 33: 1138-1168.
45. PINHEIRO, A.E.P., FORTIER, D., **POL, D.**, CAMPOS, D.A., & BERGQVIST, L.P. 2013. A new *Eocaiman* (Alligatoridae, Crocodylia) from the Itaboraí Basin, Paleogene of Rio de Janeiro, Brazil. **Historical Biology** 25: 327-337.

46. WILF, P., CUNEO, N.R., ESCAPA, I.H., **POL, D.**, & WOODBURNE, M.O. 2013. Splendid and Seldom Isolated: the Paleobiogeography of Patagonia. **Annual Review of Earth and Planetary Sciences** 41: 561-603.
47. STERLI, J., **POL, D.**, & LAURIN, M. 2013. Incorporating phylogenetic uncertainty on phylogeny-based paleontological dating and the timing of turtle diversification. **Cladistics** 29: 233-246.
48. APALDETTI, C., **POL, D.**, & YATES, A.M. 2013. The postcranial anatomy of *Coloradisaurus brevis* (Dinosauria: Sauropodomorpha) from the Late Triassic of Argentina and its phylogenetic implications. **Palaeontology** 56: 277-301.
49. NOVAS, F.E., EZCURRA M.D., F.L. AGNOLIN, F.L., **POL, D.** & ORTIZ, R. 2012. New Patagonian theropod sheds light about the early radiation of Coelurosauria. **Revista del Museo Argentino de Ciencias Naturales, nueva serie** 14: 57-81.
50. CARBALLIDO, J.L., L. SALGADO, **POL, D.**, J. I. CANUDO & A. GARRIDO. 2012. A new basal rebbachisaurid (Sauropoda, Diplodocoidea) from the Early Cretaceous of the Neuquén Group; evolution and biogeography of the group. **Historical Biology** 24: 637-654.
51. PEREZ, M.E., & **POL, D.** 2012. Major Radiations in the Evolution of Caviid Rodents: Reconciling Fossils, Ghost Lineages, and Relaxed Molecular Clocks. **Plos One** 7: e48380 1-21.
52. **POL, D.** & O.W.M. RAUHUT. 2012. A Middle Jurassic abelisaurid from Patagonia and the early diversification of theropod dinosaurs. **Proceedings of the Royal Society of London B** 279: 3170-3175.

53. LEARDI, J.M., **D. POL** & M. FERNÁNDEZ. 2012. The antorbital fenestra of Metriorhynchidae (Crocodyliformes, Thalattosuchia): Testing its homology within a phylogenetic framework. **Journal of Vertebrate Paleontology** 32: 490-494.
54. **POL, D.**, J.M. LEARDI, A. LECUONA & M.J. KRAUSE. 2012. Postcranial anatomy of *Sebecus icaeorhinus* (Crocodyliformes, Sebecidae) from the Eocene of Patagonia. **Journal of Vertebrate Paleontology** 32: 328-354.
55. SOTO, M., **D. POL**, & D. PEREA. 2011. A new specimen of *Uruguaysuchus aznarezi* (Crocodyliformes: Notosuchia) from the Cretaceous of Uruguay and its phylogenetic relationships. **Zoological Journal of the Linnean Society** 163: S173-S198.
56. **POL, D.** & POWELL, J.E. 2011. A new basal mesoeucrocodylian from the Rio Loro Formation (Paleocene) of Northwestern Argentina. **Zoological Journal of the Linnean Society** 163: S7-S36.
57. APALDETTI, C., R.N. MARTINEZ, O.A. ALCOBER & **D. POL**. 2011. A new basal sauropodomorph (Dinosauria: Saurischia) from Quebrada del Barro Formation (Marayes-El Carrizal Basin), Northwestern Argentina. **PLOS One** 6: e26964 1-19.
58. TURNER, A.H., **POL, D.**, & NORELL, M.A. 2011. Anatomy of *Mahakala onmogovae* (Theropoda: Dromaeosauridae), Tögrögín Shiree, Mongolia. **American Museum Novitates** 3722: 1-66.
59. CARBALLIDO, J.L., RAUHUT, O.W., **POL, D.** & SALGADO, L. 2011. Osteology and phylogenetic relationships of *Tehuelchesaurus benitezii* (Dinosauria, Sauropoda) from the Upper Jurassic of Patagonia. **Zoological Journal of the Linnean Society** 163: 605-662.

60. **POL, D.**, RAUHUT, O.W.M., & BECERRA, M. 2011. A Middle Jurassic heterodontosaurid dinosaur from Patagonia and the evolution of heterodontosaurids. **Naturwissenschaften** 98: 369-379.
61. CARBALLIDO, J.L. , **POL, D.**, CERDA, I. & SALGADO, L. 2011. The osteology of *Chubutisaurus insignis* del Corro, 1975 (Dinosauria: Neosauropoda) from the 'middle' Cretaceous of central Patagonia, Argentina, **Journal of Vertebrate Paleontology** 31: 93-110.
62. ESCAPA, I.H. & **POL, D.** 2011. Dealing with incompleteness: New advances for the use of fossils in phylogenetic analysis. **Palaios** 26: 121-124.
63. ZAHER H., **POL D.**, CARVALHO A.B., NASCIMENTO P.M., RICCOMINI C., et al. 2011. A Complete Skull of an Early Cretaceous Sauropod and the Evolution of Advanced Titanosaurians. **PLoS ONE** 6: e16663 1-10.
64. **POL D.**, GARRIDO A., & CERDA I. 2011. A New Sauropodomorph Dinosaur from the Early Jurassic of Patagonia and the Origin and Evolution of the Sauropod-type Sacrum. **PLoS ONE** 6: e14572 1-24.
65. CARBALLIDO, J.L. & **POL, D.** 2010. The dentition of *Amygdalodon patagonicus* (Dinosauria: Sauropoda) and the dental evolution in basal sauropods. **Comptes Rendus Palevol** 9: 83-93.
66. MÜLLER, J., SCHEYER, T.M., BARRETT, P.M., WERNEBURG, I., HEAD, J.J., ERICSON, P.G.P., **POL, D.** & SANCHEZ-VILLAGRA, M.R. 2010. The evolution of vertebral numbers in recent and fossil amniotes: The roles of homeotic effects and somitogenesis. **Proceedings of the National Academy of Sciences USA** 107: 2118-2123.

67. NOVAS, F.E., PAIS, D.F., **POL, D.**, CARVALHO, I.S., SCANFERLA, A., MONES, A., SUAREZ RIGLOS, M. 2009. Bizarre Notosuchian Crocodyliform With Associated Eggs From The Upper Cretaceous Of Bolivia. **Journal of Vertebrate Paleontology** 29: 1316-1320.
68. LEARDI, J.M. & **D. POL.** 2009. The first crocodyliform from the Chubut Group (Chubut Province, Argentina) and its phylogenetic position within basal Mesoeucrocodylia. **Cretaceous Research** 30: 1376-1386.
69. **POL, D.** & ESCAPA, I.H. 2009. Unstable Taxa in Cladistic Analysis: Identification and the Assessment of Relevant Characters. **Cladistics**. 25: 515-527.
70. **D. POL**, A.H. TURNER, & M.A. NORELL. 2009. Description of a new specimen of the Late Cretaceous crocodylomorph *Shamosuchus djadochtaensis* and a discussion of neosuchian phylogeny as related to the origin of Eusuchia. **Bulletin of the American Museum of Natural History** 324: 1-103.
71. **POL, D.** & Z. GASPARINI. 2009. Skull Anatomy of *Dakosaurus andiniensis* (Thalattosuchia: Crocodylomorpha) and the phylogentic position of Thalattosuchia. **Journal of Systematic Palaeontology** 7: 165-197.
72. NOVAS, F., **D. POL**, J.I. CANALE, J.D. PORFIRI & J.O. CALVO. 2009. A bizarre Cretaceous theropod dinosaur from Patagonia and the evolution of Gondwanan dromaeosaurids. **Proceedings of the Royal Society B** 276: 1101-1107.
73. ESCAPA, I.H., J. STERLI, **D. POL**, & L. NICOLI. 2008. Jurassic tetrapods and flora from the Cañadón Asfalto Formation in the Cerro Cóndor area, Chubut Province. **Revista de la Asociación Geológica Argentina** 63: 613-624.

74. LECUONA, A. & **POL, D.** 2008. Tooth morphology of *Notosuchus terrestris* (Notosuchia: Mesoeucrocodylia): new evidence and implications. **Comptes Rendus Palevol.** 7: 407-417.
75. JANIES, D., F. HABIB, B. ALEXANDROV, A. HILL, & **D. POL.** 2008. Evolution of genomes, host shifts, and the geographic spread of SARS-CoV and related coronaviruses. **Cladistics** 23: 1-20.
76. JANIES, D. & **D. POL.** 2008. Large-scale Phylogenetic Analysis of Emerging Infectious diseases. **Lecture Notes in Mathematics (Mathematical Biosciences Subseries)** 1922: 39-76.
77. DE LA FUENTE, M.S., L. SALGADO, A. ALBINO, A.M. BÁEZ, J.F. BONAPARTE, J.O. CALVO, L.M. CHIAPPE, L.S. CODORNIÚ, R.A. CORIA, Z. GASPARINI, B.J. GONZÁLEZ RIGA, F.E. NOVAS, & **D. POL.** 2007. Tetrápodos continentales del Cretácico de la Argentina: una síntesis actualizada. **Publicación Especial Asociación Paleontológica Argentina (Ameghiniana 50 Aniversario)** 11: 137-153.
78. SMITH, N. & **D. POL.** 2007. Anatomy of a basal sauropodomorph dinosaur from the Early Jurassic Hanson Formation of Antarctica. **Acta Paleontologica Polonica** 52: 657-674.
79. TURNER, A.H., **D. POL,** J.A. CLARKE, G.M. ERICKSON, & M.A. NORELL. 2007. A basal dromaeosaurid and size evolution preceding avian flight. **Science** 317: 1378-1381.
80. **POL, D.** & Z. GASPARINI. 2007. Crocodyliformes. In: **Patagonian Mesozoic Reptiles.** Gasparini, Z., Coria, R., & Salgado, L. (eds.). Indiana University Press. Pp: 116-142.

81. JANIES, D., P.A GOLOBOFF, & **D. POL**. 2007. Large-scale phylogenetic analysis for the study of zoonosis and assessment of influenza surveillance. **Scalable Computing: Practice and Experience** 8: 143-146.
82. SMITH, N., P.J. MAKOVICKY, **D. POL**, W.R. HAMMER, & P.J. CURRIE. 2007. The dinosaurs of the Early Jurassic Hanson Formation of the Central Transantarctic Mountains: Phylogenetic review and synthesis. In: **Antarctica: A Keystone in a Changing World** (A. K. Cooper and C. R. Raymond et al. eds.). USGS Open File Report 2007-1047. doi: 10.3133/of2007-1047.srp003. URL: <http://pubs.usgs.gov/of/2007/1047/srp/srp003/>. United States Geological Survey and the National Academies.
83. GOLOBOFF, P.A. & **D. POL**. 2007. On Divide-and-Conquer Strategies for Parsimony Analysis of Large Data Sets: Rec-I-dcm3 vs. TNT. **Systematic Biology** 56: 485-495.
84. **POL, D.** & J.E. POWELL, 2007. Skull anatomy of *Mussaurus patagonicus* (Dinosauria: Sauropodomorpha). **Historical Biology**. 19: 125-144.
85. **POL, D.** & J.E. POWELL, 2007. New information on *Lessemsaurus sauropoides* (Dinosauria: Sauropodomorpha) from the Late Triassic of Argentina. **Special Papers in Palaeontology** 77: 223-243
86. **POL, D.** & M.A. NORELL, 2006. Uncertainty in the age of fossils and the stratigraphic fit to phylogenies. **Systematic Biology** 55: 512-521
87. ZAHER, H., **D. POL**, A. Carvalho, C. Riccomini D. Campos, & W. Nava, 2006. Re-description of the cranial morphology of *Marillasuchus amarali*, and its phylogenetic affinities (Crocodyliformes, Notosuchia). **American Museum Novitates** 3512: 1-40

88. GASPARINI, Z., **D. POL**, & L. A. SPALLETTI, 2006. An unusual crocodyliform from the Jurassic-Cretaceous boundary of Patagonia. **Science** 311: 70-73.
89. **POL, D.** & S. APESTEGUIA, 2005. New *Araripesuchus* Remains from the Early Late Cretaceous (Cenomanian-Turonian) of Patagonia. **American Museum Novitates** 3490: 1-38.
90. **POL, D.** 2005. Postcranial remains of *Notosuchus terrestris* (Archosauria: Crocodyliformes) from the Upper Cretaceous of Patagonia, Argentina. **Ameghiniana** 42: 21-38.
91. GOLOBOFF P.A. & **D. POL**. 2005. Parsimony and Bayesian phylogenetics. In: **Parsimony, Pylogeny, and Genomics**. Albert, V. (ed.). Oxford University Press. Pp: 148-159.
92. NOVAS, F.E. & **D. POL**. 2005. New evidence on deinonychosaurian dinosaurs from the Late Cretaceous of Patagonia. **Nature** 433: 858-861.
93. **POL, D.** 2004. Empirical problems of the Likelihood ratio test for model selection in phylogenetics. **Systematic Biology** 56: 953-966
94. **POL, D.** & M.A. NORELL. 2004. A new gobiosuchid crocodyliform from the Cretaceous of Mongolia. **American Museum Novitates** 3458: 1-31.
95. **POL, D.**, S. JI, J.M. CLARK, & L.M. CHIAPPE. 2004. Basal crocodyliforms from Lower Cretaceous Tugulu Group (Xinjiang, China), and the phylogenetic position of *Edentosuchus*. **Cretaceous Research** 25:603-622
96. **POL, D.** & M.A. NORELL. 2004. A new crocodyliform from the Zos Canyon. **American Museum Novitates** 3445: 1-36

97. **POL, D.**, M.A. NORELL, & M.E. SIDDALL. 2004. Measures of stratigraphic fit to cladistic hypothesis and their sensitivity to tree shape, size and scaling. **Cladistics** 20: 1-12
98. **POL, D.**, 2003. New remains of *Sphagesaurus huenei* (Crocodylomorpha: Mesoeucrocodylia) from the Late Cretaceous of Brazil. **Journal of Vertebrate Paleontology** 23: 817-831
99. GRANT, T., FAIVOVICH, J., & **POL, D.** 2003. The perils of 'point-and-click' systematics. **Cladistics** 19: 276-285
100. GOLOBOFF, P.A. & **POL, D.** 2002. Semi-Strict Supertrees. **Cladistics** 18: 514-525
101. NOVAS, F.E. & **POL, D.** 2002. Alvarezsaurid relationships revisited. In : **Mesozoic Birds: Above the head of dinosaurs**. Chiappe, L.M. and Witmer, L.W. (eds.). University of California Press. Pp: 121-128.
102. **POL, D.** & M.E. SIDDALL, 2001. Biases in maximum likelihood and parsimony: a simulation approach to a ten taxon case. **Cladistics**, 17: 266-281
103. **POL, D.** & M.A. NORELL, 2001. Comments on the Manhattan Stratigraphic Measure. **Cladistics**, 17: 285-289
104. BUCKLEY, G.A., BROCHU, C.A., KRAUSE, D.W., & **D. POL.** 2000. A pug-nosed crocodyliform from the Late Cretaceous of Madagascar. **Nature** 405: 941-944

Book reviews

1. **POL, D.** 2013. The Age of Dinosaurs in South America. *Fernando E. Novas*. Indiana

University Press, Bloomington, IN. ISBN 978-0-253-35289-7. **Ameghiniana** 50: 269-270.

SEMINARS, CONFERENCES, SPECIAL TALKS

- 2019 “Tracing the evolutionary history of sauropodomorph dinosaurs” Plenary Conference at the 1st Zoological Congress of Paraguay, Asunción. November, 2019 (Organized by Dr. F. Bruschetti).
- 2019 “The history of dinosaur gigantism: major events in 150 million years of evolution” Plenary Conference at 3rd Meeting of Evolutionary Biology, Buenos Aires. August, 2019 (Organized by Dr. J. Fanara).
- 2019 “30 years of dinosaur discoveries in the Jurassic of Patagonia” Invited talk at Museo Argentino de Ciencias Naturales, Buenos Aires. June, 2019 (Organized by Dr. F. Novas).
- 2018 “The evolution of sauropodomorph dinosaurs: major evolutionary events in the history of gigantism” Plenary Conference at the 5th International Paleontological Congress, Paris. June, 2018 (Organized by Dr. S. Crasquin).
- 2018 “Detecting unstable taxa that decrease support in phylogenetic analyses” Invited talk at Hong Kong University, Hong Kong. April, 2018 (Organized by Dr. M. Pittman).
- 2018 “The radiation of Notosuchians crocodyliforms in the Cretaceous of South America” Invited talk at the Institute of Vertebrate Paleontology and Paleoanthropology, Beijing, China. April, 2018 (Organized by Dr. X. Xu).
- 2018 “Jurassic Dinosaurs from Patagonia” Invited talk at the Indian Statistical Institute, Calcutta, India. April, 2018 (Organized by Dr. S. Bandyhopadyay).

2017 “The radiation of Notosuchians crocodyliforms in the Cretaceous of South America” Invited talk at the Paleobiology Discussion Group, Imperial College, London, UK. February 22nd, 2017 (Organized by Dr. P. Mannion).

“Evolución de dinosaurios herbívoros y gigantismo: nuevas evidencias del Hemisferio Sur” Seminars at INGEBI-CONICET, Buenos Aires, Argentina. August 14th, 2017. (Organized by Dr. M. Rubinstein).

2016 “Jurassic Dinosaurs from Patagonia: new data and biogeographical affinities” Invited talk at the Universidad de la República, Montevideo, Uruguay. December 12th, 2016 (Organized by Dr. D. Perea).

“Evolución de Crocodyliformes Mesozoicos en Gondwana y la radiación de Notosuchia durante el Cretácico” Conference at the XXX Jornadas Argentinas de Paleontología de Vertebrados, Buenos Aires, Argentina. May 20th, 2016. (Organized by Dr. F. Novas).

“Evolution of Mesozoic Crocodyliforms and the radiation of Notosuchians in the Cretaceous of Gondwana” Field Museum Seminar Series, Chicago, USA. February 23rd, 2016. (Organized by Dr. K. Angielczyk).

“Faunal replacement among sauropod dinosaurs during the Jurassic: new data from Patagonia”. Invited Seminar at EvMorph Series, The University of Chicago, Chicago, USA. January 23rd, 2016. (Organized by Dr. Z. Luo).

“A giant titanosaur from the Cretaceous of Patagonia”. Invited seminar for Volunteers Program, American Museum of Natural History, New York, USA. January 8th, 2016. (Organized by Dr. M. Norell).

2015 “Dinosaur Faunas of the Mesozoic of South America: new data and perspectives” Conference at the V Latin American Congress of Vertebrate Paleontology, Colonia, Uruguay. September 17th, 2015. (Organized by Dr. R. Fariña).

2013 “Evolución y radiación de dinosaurios durante el Jurásico: Nuevas evidencias de Patagonia”
Invited talk, Universidad de los Andes, Bogotá, Colombia. October 7th, 2013.
(Organized by Dr. L. Noe).

“Evolución de los dinosaurios terópodos y el origen de las Aves”
Invited talk, Universidad de los Andes, Bogotá, Colombia. October 8th, 2013.
(Organized by Dr. L. Noe).

“Evolución y radiación de dinosaurios durante el Jurásico: Nuevas evidencias de Patagonia”
Invited talk, Instituto Leloir, Buenos Aires, Argentina. July 18th, 2013. (Organized by Dr. J. Caramelo).

2011 “Diversity and Evolution of archosaur reptiles from the Jurassic of Central Patagonia”. Invited talk at the Geology Lecture Series of the Department of Geology, University of Michigan. Ann Arbor, MI, USA. October 28th, 2011. (organized by Dr. J. Wilson).

“Evolution and diversity of Crocodyliformes during the Mesozoic”. Invited talk at the Paleontology Seminars of the Museum of Paleontology, University of Michigan. Ann Arbor, MI, USA. October 28th, 2011. (organized by Dr. J. Wilson)

“Evolution and diversity of Crocodyliformes during the Mesozoic”. Invited talk at the Herpetology Evening Seminars of the Museum of Zoology, UC at Berkeley. Berkeley, CA, USA. November 6th, 2011. (organized by Dr. J. McGuire).

“Diversity and Evolution of archosaur reptiles from the Jurassic of Central Patagonia” Conference at the IV Latin American Congress of Vertebrate Paleontology, San Juan, Argentina. September 22nd, 2011. (Organized by Dr. R. Martínez).

“Diversity and Evolution of archosaur reptiles from the Jurassic of Central Patagonia”. Invited talk at the Los Angeles County Museum. Los Angeles, CA, USA. November 10h, 2011. (organized by Dr. L.M. Chiappe).

2010 “Arcosaurios y otros vertebrados del Jurásico de Patagonia: nuevas evidencias” Conference at the XXV Jornadas Argentinas de Paleontología de Vertebrados, San Luis, Argentina. May 22nd, 2010. (Organized by Dr. L. Codorniú).

“Evolución y diversidad de Crocodyliformes fósiles en el Mesozoico”. Conference at the XI Congreso Argentino de Herpetología. Buenos Aires, Argentina. October 22nd, 2010. (organized by Dr. J. Faivovich).

2009 “Evolución de Dinosaurios: origen y diversificación de los grandes dinosaurios herbívoros” Invited publica conference at the “Darwin en el CENPAT (Centro Nacional Patagónico): Un Fin De Semana Evolutivo”, CENPAT-CONICET, Puerto Madryn, Argentina. August 30th, 2009. (organized by Dr. R. Gonzalez and M.T. Dozo).

“Evolución de Dinosaurios en el Mesozoico de Patagonia: nuevas evidencias y el impacto de la deriva continental” Plenary Conference at the “Jornadas Argentinas de Biología”, Trelew, Argentina. March 12th, 2009. (organized by Dr. Cesar Arias).

2006 “Cladística y Paleontología: problemas, mitos, tendencias y avances recientes” Plenary Conference at the “9no Congreso Argentino de Paleontología y

Bioestratigrafía”, Córdoba, Argentina. September 20th, 2006. (organized by Dr. Luis Benedetto).

“Diversity of fossil crocodylians during the Mesozoic: a phylogenetic perspective”
Invited talk at the Seminars of the Department of Geology, The Ohio State University, Columbus, OH, January 10th, 2006. (organized by Dr. William Ausich).

“Crocodyliform diversity in the past: a phylogenetic perspective” Invited talk at the Evening Seminar Series, Department of Biology, Heidelberg College, Tiffin, OH, January 17th, 2006. (organized by Dr. Susan Carty).

2004 “Relaciones filogenéticas de dinosaurios sauropodomorfos basales” Invited talk at the Instituto Miguel Lillo, Tucuman, Argentina. October, 2004. (organized by Dr. Luis Grosso).

“Relaciones filogenéticas de dinosaurios sauropodomorfos basales” – Invited conference at the V Reunión Argentina de Cladística y Biogeografía, Salta, Argentina, September 2-4, 2004

“Phylogenetic relationships of basal sauropodomorph dinosaurs” – Invited talk at the Carnegie Museum of Natural History. April, 2004

2003 “Heuristic tree search strategies in phylogenetics” – Invited talk at the Ohio State University program of Bioinformatics and Genomics (Organized by Dr. Janies). October, 2003

2002 “Parallel implementation of phylogenetics” – Invited talk at the NASA workshop on Evolutionary Biology, Woods Hole. August, 2002

- 2001 “Biases in Maximum Likelihood Methods of Phylogenetic Reconstructions”
Invited talk at the Yale Systematics Discussion Group (Organized by Dr. J.A. Gauthier), October, 2001

STUDENT ADVISOR ACTIVITIES

DIRECTION OF JUNIOR RESEARCHERS (ASSISTANT LEVEL)

- 2019-present. Evangelos Vlachos (Assistant Researcher Conicet). Project: Diversity and evolution of Testudinata during The Last 200 Million Years. Role: Co-advisor.
- 2015-present. Cecilia Apaldetti (Assistant Researcher Conicet). Project: Early Jurassic sauropodomorphs from northwestern Argentina. Role: co-Advisor.
- 2015-present. Juan Martín Leardi (Assistant Researcher Conicet). Project: Evolution of basal crocodylomorph archosaurs and the origin of Crocodyliformes. Role: Advisor.
- 2014-2016. Lucas E. Fiorelli (Assistant Researcher Conicet). Project: Cretaceous vertebrate faunal assemblages from northwestern Argentina: biogeographical implications. Role: Advisor.
- 2013-2017. José Luis Carballido (Assistant Researcher Conicet). Project: Early Jurassic sauropod dinosaurs. Role: Advisor.
- 2013-2017. Alejandro Otero (Assistant Researcher Conicet). Project: Evolution and functional anatomy of Sauropodomorpha along the Triassic-Jurassic transition. Role: Advisor.
- 2012-2017. Ignacio Cerda (Assistant Researcher Conicet). Project: Histology and life history traits of the Sauropodomorpha during the Triassic-Jurassic. Role: Advisor.
- 2012-2016. Carlos Agustín Scanferla. (Assistant Researcher Conicet). Project: Evolution of Caenophidia snakes from South America: New information from Cenozoic and recent material. Role: Co-Advisor.
- 2011-2014. Juliana Sterli (Assistant Researcher Conicet). Project: Origen y posición filogenética de Testudinata: aportes de los fósiles, la morfología y las moléculas. Role: Advisor.

2009-2014. Laura Codorniú (Assistant Researcher Conicet). Project: Relaciones filogenéticas de los Pterosaurios Archaeopteroedactyloidea. Role: Advisor.

DIRECTION OF POSTDOCTORAL FELLOWS

2016-2019. Evangelos Vlachos (Postdoctoral fellow Conicet). Project: Evolutionary History of The Giant Tortoises (Testudines: Testudinidae) During The Last 50 Million Years, With Emphasis In The Testudinids Of South America. Role: Co-advisor.

2016-2019. Marcos Becerra (Postdoctoral fellow Conicet). Project: Functional morphology and biomechanics of the skull in *Manidens condorensis* (Ornithischia, Dinosauria). Role: Advisor.

2013-2015. Juan Martín Leardi (Postdoctoral fellow Conicet). Project: Braincase evolution of Crocodylomorph reptiles. Role: Advisor.

2013-2015. Beatriz Chamero-Macho (Postdoctoral fellow Conicet). Project: Geometric morphometrics of notosuchian crocodyliforms from the Cretaceous of Gondwana. Role: Advisor.

2012-2014. Lucas Fiorelli (Postdoctoral fellow Conicet). Project: Eggshell remains from the Late Cretaceous Sanagasta nesting site (La Rioja, northwestern Argentina). Role: Co-Advisor.

2012-2015. Cecilia Apaldetti (Postdoctoral fellow Conicet). Project: Phylogenetic and biogeographic patterns of basal sauropodomorphs from the Late Triassic and Early Jurassic of Gondwana. Role: Advisor.

2012-2013. José Luis Carballido (Postdoctoral fellow Conicet). Project: Anatomy of *Amargasaurus cazai* (Sauropoda, Dicraeosauridae) from the Cretaceous of Patagonia and its implications in the evolution of dicraeosaurids. Role: Advisor.

2011-2012. Alejandro Otero (Postdoctoral fellow Conicet). Project: Functional anatomy of *Mussaurus patagonicus* (Dinosauria, Sauropodomorpha) from the Late Triassic of Patagonia. Role: Advisor.

- 2011-2012. Ignacio Cerda (Postdoctoral fellow Conicet). Project: Histology and life history traits of the basal sauropodomorph *Mussaurus patagonicus* from the Late Triassic of Patagonia. Role: Advisor.
- 2010-2012. María Encarnación Pérez (Postdoctoral fellow Conicet). Project: Evolution of crown group Caviioidea sensu stricto (Rodentia, Caviomorpha). Role: Advisor.
- 2009-2010. Juliana Sterli (Postdoctoral fellow Conicet). Project: Origen y diversificación de los clados modernos de tortugas: aportes de los fósiles, la morfología y las moléculas. Role: Advisor.

DIRECTION OF GRADUATE STUDENTS

- 2019-present. Nicolás Nieto (PhD fellow Conicet). Universidad Nacional de Córdoba, Argentina. Project: Finite element analyses of notosuchian crocodyliforms. Role: Co-Advisor.
- 2017-present. Imanol Yañez (PhD fellow Conicet). Universidad de Buenos Aires, Argentina. Project: Early Crocodylomorphs from the Ischigualasto Formation in the Late Triassic of Argentina. Role: Advisor.
- 2016-present. Kevin Gomez (PhD fellow Conicet). Universidad Nacional del Comahue, Argentina. Project: Diversity, Evolution, and morphological disparity of basal sauropods. Role: Co-Advisor.
- 2014-present. Alfredo Holley Reguiló (PhD fellow Conicet). Universidad Nacional del Comahue, Argentina. Project: Phylogeny, molecular clock, and biogeography of chelid turtles. Role: Co-Advisor.
- 2014-2018. Emil Krupandan (PhD student). University of Cape Town (South Africa). Project: Histology and anatomy of basal sauropodomorph dinosaurs. Role: Co-Advisor.
- 2012-2017. Belén von Baczko (PhD fellow Conicet). Universidad de Buenos Aires, Argentina. Project: Anatomy and phylogenetic relationships of Riojasuchus tuniceps from the Late Triassic of Argentina. Role: Co-Advisor.
- 2011-2016. Marcos Becerra (PhD fellow Conicet). Universidad de Buenos Aires, Argentina. Project: Diversity and phylogenetic position of ornithischian dinosaurs

- from the Cañadón Asfalto Formation (Early-Middle Jurassic) of Patagonia. Role: Advisor.
- 2009-2013. Andre Pinheiro (PhD fellow CNPq – Brasil). Universidade Federal de Rio de Janeiro, Brazil. Project: Descrição E Posicionamento Filogenético Dos Crocodiliformes Paleocênicos Da Bacia De São José De Itaboraí, Estado Do Rio De Janeiro
Role: Co-Advisor
- 2009-2010. Femke Holwerda (M. Sc. student). Utrecht University, Netherlands. Project: Middle Jurassic basal sauropod teeth from Cerro Córdor, Chubut, Patagonia, Argentina.
Role: Co-Advisor
- 2008-2013. Juan Martin Leardi (PhD fellow Conicet). Universidad de Buenos Aires, Argentina. Project: Evolución de la función locomotora durante la diversificación de Archosauria: patrones de cambio anatómico-funcional del miembro anterior.
Role: Advisor.
- 2007-2011. José Luis Carballido (PhD fellow Conicet). Universidad Nacional del Comahue, Argentina. Thesis: Estudio anatómico y comparativo de nuevos materiales de Neosauropoda (Titanosauriformes y Diplodocoideos), análisis filogenético del grupo y Biogeografía del Cretácico Inferior. Role: Advisor.
- 2007-2011. Agustina Lecuona (PhD fellow Conicet). Universidad de Buenos Aires, Argentina. Project: Anatomía y relaciones filogenéticas de *Gracilisuchus stipanicorum* y sus implicancias en el origen de Crocodylomorpha. Role: Advisor.
- 2007-2011. Cecilia Apaldetti (PhD fellow Conicet). Universidad Nacional de San Juan, Argentina. Project: Relaciones filogenéticas entre plateosáuridos y massospondylidos (Dinosauria, Sauropodomorpha) y roles paleoecológicos de los sauropodomorfos del sector superior de la Formación Los Colorados (Triásico superior – Noriano). Role: Co-Advisor.
- 2007-2010. María Encarnación Perez (PhD fellow Conicet). Universidad de La Plata, Argentina. Project: Sistemática, ecología y bioestratigrafía de Eocardiidae

(Rodentia, Hystricognathi, Caviioidea) del Mioceno Temprano y Medio de Patagonia. Role: Co-Advisor.

2007-2010. Amalia Villafañe (PhD fellow Conicet). Universidad de La Plata, Argentina. Project: Sistemática, ecología y bioestratigrafía de los Protheroheriidae (Mammalia, Litopterna). Role: Co-Advisor.

PARTICIPATION IN Ph.D. and MASTERS COMMITTEES AND JURIES

2019. Omar Sanchez Regalado. University College London, UK. Ph.D. Thesis: Reassessment of the evolutionary history of sauropodomorph dinosaurs through comparative cladistics and the supermatrix approach. Role: Dissertation Jury.
2019. Femke Holwerda. Ludwig-Maximilians-Universität München, Germany. Ph.D. Thesis: Revision of basal sauropods from the Middle Jurassic of Patagonia and the early evolution of eusauropods. Role: Dissertation Jury.
2019. Bruno Goncalves Augusta. Universidade de Sao Paulo, Brazil. Masters Thesis: Anatomia, taxonomia, ontogenia e filogenia de mosassaurianos basais (Squamata, Mosasauria) e suas implicações para a evolução de Anguimorpha. Role: Dissertation Jury.
2019. Ernesto Aranda Pedroso. Universidade de Sao Paulo, Brazil. Masters Thesis: Systematic of Quaternary Squamata from Cuba. Role: Dissertation Jury.
2018. Nicolás Chimento. Universidad de La Plata, Argentina. Ph.D. Thesis: Anatomy and phylogenetic relationships of *Chilesaurus diegosuarezi*. Role: Dissertation Jury.
2017. Federico Agnolin. Universidad de La Plata, Argentina. Ph.D. Thesis: Dinosauromorphs from the Chañares Formation and their implications for the origins of Dinosauria. Role: Dissertation Jury.
2016. Matías Soto. Universidad de la República, Uruguay. Ph.D. Thesis: Late Jurassic vertebrates from the Tacuarembó Formation. Role: Dissertation Jury.

2015. Rodolfo Salas-Grismondi. Universite de Montpellier, France. Ph.D. Thesis: Crocodyliform fauna from the Miocene of Peru. Role: Dissertation Jury.
2014. Paulo Nascimento. Universidade de São Paulo, Brazil. Ph.D. Thesis: Revision of the family Baurusuchidae and its phylogenetic affinities within Mesoeucrocodylia. Role: Dissertation Jury.
2013. Blair McPhee. University of Witwatersrand, South Africa. Ph.D. Thesis: The anatomy of *Antetonitrus ingenipes* (Sauropodiformes, Dinosauria): Implications for the origin of Sauropoda. Role: Masters dissertation Jury.
2012. Lucas E. Fiorelli (PhD Fellow Conicet). Universidad Nacional de Córdoba, Argentina. Ph.D. Thesis: Dinosaur nesting site of the Parque Geológico Sanagasta, Cretaceous from La Rioja, Argentina. Role: Dissertation Jury.
2012. Yanina Herrera (PhD fellow Conicet). Universidad de La Plata, Argentina. Ph.D. Thesis: Análisis morfológico y paleobiológico de *Cricosaurus araucanensis* (Gasparini y Dellapé 1976) (Crocodyliformes: Metriorhynchidae). Role: Dissertation Jury
2012. Beatriz Chamero Macho (PhD fellow). Universidad Autónoma de Madrid, Spain. Ph.D. Thesis: Patrones de Modularidad en Archosauria: el esqueleto postcraneano de cocodrilos y aves. Role: Dissertation Jury
2011. Andrea Arcucci (PhD candidate). Universidad Nacional de San Luis, Argentina. Ph.D. Thesis: Sistemática y filogenia de los proterochampsidos (Amniota, Diapsida, Archosauriformes) del Triásico de América del Sur, y sus implicancias en el origen de Archosauria. Role: Dissertation Jury
2011. Ignacio Cerda (PhD fellow Conicet). Universidad Nacional del Comahue, Argentina. Ph.D. Thesis: Estudio Paleohistológico de *Saltasaurus* y *Neuquensaurus* (Dinosauria, Sauropoda, Titanosauria). Role: Dissertation Jury
2011. Alejandro Otero (PhD fellow Conicet). Universidad de La Plata, Argentina. Ph.D. Thesis: Saurópodos Saltosaurinae del Territorio Argentino: Reconstrucción de la musculatura y función del esqueleto apendicular. Role: Dissertation Jury
2010. Juan Ignacio Canale (PhD fellow Conicet). Universidad de La Plata, Argentina. Ph.D. Thesis: Los Carcharodontosauridae (Dinosauria, Theropoda) de América

- del Sur: anatomía, relaciones filogenéticas y paleobiología. Role: Dissertation Jury
2009. Rodolfo García (PhD fellow Conicet). Universidad Nacional del Comahue, Argentina. Ph.D. Thesis: Estudio sobre embriones de dinosaurios titanosaurios de la Patagonia: aspectos filogenéticos y evolutivos implicados Role: Dissertation Jury
2009. Juliana Sterli (PhD fellow Conicet). Universidad de La Plata, Argentina. Ph.D. Thesis: Sistemática y paleobiogeografía de las tortugas continentales del Jurásico de Patagonia. Role: Dissertation Jury
- 2008-2011. Lucas Fiorelli (PhD fellow Conicet). Universidad Nacional de Córdoba, Argentina. Ph.D. Thesis: Huevos de dinosaurios del “parque geológico sanagasta” (formación sanagasta, cretácico superior), la rioja, argentina: morfología, microestructura de la cáscara y caracterización paleoecológica del área. Role: Dissertation Committee Member.
- 2008-2011. Jimena Trotteyn (PhD fellow Conicet). Universidad Nacional de Cuyo, Argentina. Ph.D. Thesis: Revisión Osteológica, Paleoecología y Análisis Filogenético de Proterochampsidae (Reptilia - Arcosauriformes). Role: Dissertation Committee Member.

DIRECTION OF UNDERGRADUATE THESES

- 2010-2011. Noelia Uyua. Universidad Nacional de la Patagonia San Juan Bosco, Argentina. Thesis: Anatomía y relaciones filogenéticas de *Notocetus vanbenedeni* (Cetacea, Odontoceti) del Mioceno de Patagonia. Role: Advisor.
- 2010-2011. Marcos Becerra. Universidad de Buenos Aires, Argentina. Thesis: Ornitisquios heterodontosauridos de la Formación Cañadón Asfalto, del Jurásico Medio de Chubut, Argentina: anatomía dentaria e implicancias filogenéticas. Role: Advisor.
- 2008-2009. Federico Gianechini. Universidad de Buenos Aires, Argentina. Thesis: Dientes de terópodos (Dinosauria) de la Formación Cerro Barcino, provincia de Chubut: morfología y microestructura del esmalte dentario. Role: Advisor.

2007-2008. Juan Martin Leardi. Universidad de Buenos Aires, Argentina. Thesis: Un Nuevo Crocodyliforme de la Formación Cerro Barcino (Grupo Chubut) del Cretácico de la Provincia del Chubut. Role: Advisor.

DIRECTION OF UNDERGRADUATE INTERNSHIPS

2013. Joaquín Orgueira. Universidad Nacional de la Patagonia San Juan Bosco, Argentina. Project: Sauropod dinosaurs from the Middle Jurassic of Chubut. Role: Advisor.

2009. Walter Mora. Universidad Nacional de la Patagonia San Juan Bosco, Argentina. Project: Techniques in Vertebrate Paleontology. Role: Advisor.

2008. Noelia Uyua. Universidad Nacional de la Patagonia San Juan Bosco, Argentina. Project: Curation and preservation of MEF collection of fossil Odontoceti. Role: Advisor.

PARTICIPATION IN EDITORIAL DUTIES

EDITORIAL COMMITTEES

2014-present. Editor-in-chief, Ameghiniana, Asociación Paleontológica Argentina.

2014-2016 Associate Editor, Journal of Vertebrate Paleontology.

2013-present. Associate Editor, BMC Evolutionary Biology, Biomed Central.

2013 Alternate Director, Ameghiniana, Asociación Paleontológica Argentina.

2011 Guest Editor of Zoological Journal of the Linnean Society (number 163 Supplement): "1st Symposium on the evolution of Crocodyliformes". Co-edited with Dr. Hans Larsson (McGill University). Zoological Journal of the Linnean Society 163: S1-S6.

2010-2012 Associate Editor, Ameghiniana, Asociación Paleontológica Argentina (Argentina).

2007-2010 Associate Editor, Journal of Systematic Paleontology, Cambridge Journals (United Kingdom).

2006 Guest Editor of Historical Biology (volume 19, number 1): “Early Dinosaur Evolution”. Co-edited with Dr. Max Langer (Univ. Sao Paulo, Brazil).
Historical Biology 19: 1-2.

REVIEWER FOR THE FOLLOWING SCIENTIFIC PUBLICATIONS

Acta Palaeontologica Polonica

Acta Zoologica (Stockholm)

Actas IV Jornadas Internacionales sobre Paleontología de Dinosaurios y su entorno Ameghiniana

American Museum Novitates

Anais Academia Brasileira de Ciencias

Biology Letters

Boletim do Museu Nacional Rio de Janeiro (Nov. Ser. Geologia)

Brazilian Geographical Journal

Bulletin of the New Mexico Museum of Natural History and Science

Ciencia Hoy

Cladistics

Copeia

Cretaceous Research

Current Biology

Geobios

Gondwana Research

Historical Biology

Journal of Vertebrate Paleontology

Journal of South American Earth Sciences

Journal of Paleontology

Memoirs of the Society of Vertebrate Paleontology

Nature Communications

Nature Scientific Reports

Naturwissenschaften

Palaeontology
Paläontologische Zeitschrift
Paleobiology
Papeis Avulsos de Zoologia
PeerJ
PLoS One
Proceedings of the Royal Society B: Biological Sciences
Revista Brasileira de Paleontología
Revista de la Asociación Geológica Argentina
Revista del Museo Argentino de Ciencias Naturales
Revista Geológica de Chile
Revista Naturalia Patagonica
Royal Society Open Science
Special Papers in Palaeontology
Systematic Biology
Zoological Journal of the Linnean Society
Zookeys

PARTICIPATION IN PROFESSIONAL SOCIETIES & MEETING

COMMITTEES IN GOVERNMENTAL SCIENCE AGENCIES

- 2018. Member of Geology Network Evaluation Committee of CONICET (Argentinean National Research Council).
- 2018. Member of the National Database System of Earth Sciences (Argentinean Ministry of Science and Technology).
- 2018. Member of Special Evaluation Committee of CONICET (Argentinean National Research Council).
- 2017. Member of Special Evaluation Committee of CONICET (Argentinean National Research Council).
- 2016. Member of Institutional Budget Committee of CONICET (Argentinean National Research Council).

- 2016. Chair of Nominating Committee for 2016 Bunge & Born Foundation Award.
- 2016. Chair of Admissions Committee for Researcher Positions in Earth and Environmental Sciences, CONICET (Argentinean National Research Council).
- 2015. Member of Admissions Committee for Researcher Positions in Earth and Environmental Sciences, CONICET (Argentinean National Research Council).
- 2015-2016. Co-Chair of Research Grants Committee for Earth and Hydroatmospheric Sciences, FONCyT (Argentinean National Science Foundation).
- 2013-2014. Co-Chair of Research Grants Committee for Earth and Hydroatmospheric Sciences, FONCyT (Argentinean National Science Foundation).
- 2012-2013. Member of General Committee for Earth and Environmental Sciences, CONICET (Argentinean National Research Council).
- 2008-2009. Member of Admissions Committee for Ph.D. and postdoc fellowships in Earth and Environmental Sciences, CONICET (Argentinean National Research Council).

REVIEWER FOR SCIENCE AGENCIES OF POSITIONS AND FUNDING

- 2019. External reviewer for proposals for the NGS (National Geographic Society) Committee for Research and Exploration.
- 2019. Peer reviewer for Leverhulme Trust (UK) for research proposals.
- 2019. Peer reviewer for NSF (USA) EAR postdoc research proposals.
- 2018. Peer reviewer for NRF (National Research Foundation- South Africa) for African Origins Programme (AOP).
- 2017. Peer reviewer for Leverhulme Trust (UK) for research proposals.
- 2015. Peer reviewer for NRF (National Research Foundation- South Africa) for quality research outputs of scientists.
- 2014. Peer reviewer for admissions of Researchers in Earth and Environmental Sciences, CONICET (Argentinean National Research Council).
- 2014. Peer reviewer for proposals for the NGS (National Geographic Society) Committee for Research and Exploration.
- 2013. Peer reviewer for grant proposals in Paleontology, DFG (Germany).

2013. Peer reviewer for admissions of Researchers in Earth and Environmental Sciences, CONICET (Argentinean National Research Council).
2011. Peer reviewer for admissions of Researchers in Earth and Environmental Sciences, CONICET (Argentinean National Research Council).
2011. Peer reviewer for grant proposals in Earth and Environmental Sciences, FONCyT PICT-2010 (Argentinean National Science Foundation).
2010. Peer reviewer for admissions of Researchers in Earth and Environmental Sciences, CONICET (Argentinean National Research Council).
2009. Peer reviewer for proposals for the DFG (Deutsche Forschungsgemeinschaft; German Research Foundation) Research Grant programme in physics, mathematics, and geology.
2009. Peer reviewer for proposals for the NGS (National Geographic Society) Committee for Research and Exploration.
2009. Peer reviewer for grant proposals in Earth and Environmental Sciences, FONCyT PICT-2008 (Argentinean National Science Foundation).
2008. Peer reviewer for promotions of Researchers in Earth and Environmental Sciences, CONICET (Argentinean National Research Council).
2008. Peer reviewer for grant proposals in Earth and Environmental Sciences, FONCyT PICT-2007 (Argentinean National Science Foundation).
2007. Peer reviewer for admissions of Researchers in Earth and Environmental Sciences, CONICET (Argentinean National Research Council).

PROFESSIONAL AFFILIATIONS

Society of Vertebrate Paleontology
Palaeontological Association
Asociación Paleontológica Argentina
Willi Hennig Society (Founding Fellow)

PROFESSIONAL SOCIETIES COMMITTEES

2017-2018 Willi Hennig Society. Elected Council Member.
2009-2010 Willi Hennig Society. Elected Council Member.

2008-2009 Asociación Paleontológica Argentina. Directory Committee, Vocal Member

ORGANIZATION OF SCIENTIFIC MEETINGS

- September 22-25, 2018 VI Congr. Latinoamericano Paleontología de Vertebrados
Scientific Committee
Centro de Investigaciones Paleontológicas
Villa de Leyva, Colombia
- October 17-21, 2016 XI Argentine Paleontological Congress
Scientific Committee
General Roca, Argentina
- October 1-4, 2016 XXXV Hennig Meeting
Scientific Committee (Symposium Sessions: co-chair)
Buenos Aires, Argentina
- May 19-23, 2016 XXX Jornadas Argentinas de Paleontología de
Vertebrados
Scientific Committee
Buenos Aires, Argentina
- October 1-4, 2014 4th International Paleontological Congress
Scientific Committee (Symposium Sessions: co-chair)
Mendoza, Argentina
- May 21-24, 2013 XXVII Jornadas Argentinas de Paleontología de
Vertebrados
Scientific Committee
La Rioja, Argentina
- April 17-21, 2013 V Simposio Argentino del Jurásico
Organizing Committee
Museo Paleontológico Egidio Feruglio
Trelew, Chubut, Argentina
- November 23-25, 2011 Reunión Anual de Comunicaciones de la Asoc. Pal. Arg.
Scientific Committee
Asociación Paleontológica Argentina
Luján, Buenos Aires, Argentina
- September 22-25, 2011 IV Congr. Latinoamericano Paleontología de Vertebrados
Scientific Committee
Organizer of "Second Symposium on Crocodyliform
Evolution"
Universidad Nacional de San Juan

- San Juan, San Juan, Argentina
- October 28-31, 2008 XXVII Hennig Meeting
Scientific Committee
Insituto Miguel Lillo
San Miguel de Tucumán, Tucumán, Argentina
- September 22-25, 2008 III Congr. Latinoamericano Paleontología de Vertebrados
Scientific Committee
Organizer of “Symposium on Crocodyliform Phylogenetics,
diversity and evolution”
Universidad Nacional del Comahue
Neuquén, Neuquén, Argentina
- May 21-24, 2007 XXIII Jornadas Argentinas de Paleontología de Vertebrados
Organizing Committee - President
Museo Paleontológico Egidio Feruglio
Trelew, Chubut, Argentina
- April 27-29, 2006 VI Reunión Argentina de Cladística y Biogeografía
Scientific Committee
Museo Paleontológico Egidio Feruglio
Trelew, Chubut, Argentina
- December 1-2, 2005 Workshop: “The problems of Phylogenetic Analysis of Large
Datasets”
Organizing Committee
Mathematical Biosciences Institute, Ohio State University
Columbus, OH
- August 10-12, 2005 II Congreso Latino-American de Paleontologia de
Vertebrados.
Scientific Committee
Organizer of “1st Symposium on Early Dinosaur Evolution”
Rio de Janeiro, Brazil
- December 6-16, 2004 Workshop on Micropreparation of Fossil Vertebrates.
Organizer
Museo Paleontológico Egidio Feruglio
Trelew, Chubut, Argentina
- March 10-12, 1999 II Reunión Argentina de Cladística y Biogeografía
Organizing Committee - *Vocal*
Facultad de Agronomía, Universidad de Buenos Aires
Buenos Aires, Argentina

TEACHING EXPERIENCE

- Fall 2019 Universidad del Chubut, Argentina
Undergraduate course “Digital techniques in Paleontology”
Lecturer: Dr. Diego Pol
Professor
- Spring 2019 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course “Evolution”
Lecturers: Dr. Marcelo Tejedor, Dr. Diego Pol and Dr.
Alejandra Pagani
Professor
- Fall 2018 Universidad del Chubut, Argentina
Undergraduate course “Digital techniques in Paleontology”
Lecturer: Dr. Diego Pol
Professor
- April 4-8, 2018 Institute of Vertebrate Paleontology and Paleoanthropolog,
Beijing, China
Graduate course on “Cladistic analysis in TNT”
Lecturer: Dr. Pablo Goloboff, Diego Pol, Michael Pittman
Professor
- Spring 2018 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course “Evolution”
Lecturers: Dr. Marcelo Tejedor, Dr. Diego Pol and Dr.
Alejandra Pagani
Professor
- Spring 2018 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course “Paleobiology”
Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- December 4-9, 2017 Universidad Nacional de Patagonia San Juan Bosco
Graduate course on “Cladistic analysis and its applications
to Paleontology”
Lecturer: Dr. Diego Pol, Juliana Sterli

Lecturer

- Fall 2017 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Evolution"
Lecturers: Dr. Marcelo Tejedor, Dr. Diego Pol and Dr.
Alejandra Pagani
Professor
- Spring 2017 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Paleobiology"
Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- April 24-28, 2017 Universidade de Sao Paulo, Brazil
Graduate course on "Tetrapod anatomy and phylogeny"
Lecturer: Dr. Diego Pol, Dr. Hussam Zaher
Lecturer
- Spring 2016 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Paleobiology"
Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- Winter 2016 University of Chicago, USA
Undergraduate course "Morphology in Time and Space"
Lecturer: Dr. Diego Pol
Visiting Professor
- September 6-13, 2015 Museo Paleontológico Egidio Feruglio
Graduate course on "Cladistic analysis and its applications
to Paleontology"
Lecturer: Dr. Diego Pol, Juliana Sterli
Lecturer
- Spring 2014 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Paleobiology"
Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- Spring 2013 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Paleobiology"

- Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- Fall 2012 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Phylogenetic Systematics"
Lecturer: Dr. Diego Pol
Lecturer
- Spring 2012 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Paleobiology"
Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- Fall 2011 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Vertebrate Paleontology"
Lecturer: Dr. Diego Pol and Dr. Juliana Sterli
Lecturer
- June 10-15, 2011 Museo Palenotológico Egidio Feruglio
Graduate course on "Cladistic analysis and its applications
to Paleontology"
Lecturer: Dr. Diego Pol, Juliana Sterli, Ignacio Escapa
Lecturer
- Spring 2011 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Paleobiology"
Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- Sept. 14-16, 2010 Institute of Vertebr. Paleontol. Paleoanthr, Beijing, China
Workshop "TNT and cladistic analysis applied to
Paleontology"
Lecturer: Dr. Diego Pol
Lecturer
- Fall 2010 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Phylogenetic Systematics"
Lecturer: Dr. Diego Pol
Lecturer
- Oct. 22-26, 2009 Universidad Nacional de Córdoba

- Graduate course on "Cladistic analysis and its applications to Paleontology"
Lecturer: Dr. Diego Pol
Lecturer
- Fall 2009 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Vertebrate Paleontology"
Lecturer: Dr. Diego Pol and Dr. Juliana Sterli
Lecturer
- Aug. 18-22, 2009 Asociación Paleontológica Argentina
Graduate course on "Cladistic analysis and its applications to Paleontology"
Lecturer: Dr. Diego Pol
Lecturer
- Spring 2009 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Paleobiology"
Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- Fall 2008 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Phylogenetic Systematics"
Lecturer: Dr. Diego Pol
Lecturer
- Spring 2008 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course "Paleobiology"
Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- Aug. 3-7, 2008 Universidade Estadual de Sao Paulo, Brazil
Phylogenetic Systematics in Herpetology
Lecturer: Dr. Julián Faivovich
Invited Lecturer
- April 22-26, 2006 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Graduate course on "Introduction to Cladistics and use of TNT"
Lecturer: Dr. Diego Pol and Pablo A. Goloboff
Lecturer

- Aug. 14-19, 2005 Universidade de Sao Paulo, Brazil
Workshop “TNT and phylogenetic analysis”
Lecturers: Dr. Pablo A. Goloboff, Dr. Diego Pol
Lecturer
- Winter 2005 Ohio State University, US
Graduate course on “Biomedical Data Management”
Lecturer: Dr. Umit Catalyurek
Invited Lecturer
Phylogenetic theory and optimization
Tree search and parallel computing
- Oct. 25-Nov. 5, 2004 Universidad Nacional de Tucumán, Argentina
Graduate course on “Methods of phylogenetic analysis”
Lecturer: Dr. Pablo A. Goloboff
Teaching assistant
- Spring 2003 Columbia University, US
Undergraduate course on “Dinosaurs and the History of Life”
Lecturer: Prof. P.E. Olsen
Teaching Assistant
Including laboratory and lectures duties
- Spring 2002 Columbia University, US
Undergraduate course on “Dinosaurs and the History of Life”
Lecturer: Prof. P.E. Olsen
Teaching Assistant
Including laboratory and lectures duties
- Spring 2001 Columbia University, US
Undergraduate course on “Dinosaurs and the History of Life”
Lecturer: Prof. P.E. Olsen
Teaching Assistant
Including laboratory teaching
- July 20-27, 1999 Universidad Nacional de Córdoba, Argentina
Graduate course on “Methods of phylogenetic analysis”
Lecturer: Dr. Pablo A. Goloboff
Teaching assistant
- August 20-November 26, 1998 Facultad de Ciencias Exactas y Naturales, Argentina
Universidad de Buenos Aires
Undergraduate course on “Theoretical Systematics”

Subject: Phylogenetic analysis based on a cladistic approach

Lecturer: Dr. A. M. Baez

Teaching assistant

Including laboratory teaching, exercise design, and computer laboratory lessons

August 16-19, 1997

Sociedad Argentina de Botánica, Argentina

Facultad de Agronomía, Universidad de Buenos Aires

Taller práctico de análisis cladístico

[Practical workshop on cladistic analysis]

Teaching assistant

SCIENTIFIC DIVULGATION, OUTREACH, AND COMMUNITY ACTIVITIES

May 2019

Public conference “Why Dinosaurs matter?”. Talk oriented to the general public. Audience: 400 people. American Museum of Natural History, New York, USA.

March 2019

Invited talk at the Explorer’s Symposium – National Geographic Society. Audience: 200 people. Mexico DF, Mexico.

November 2017

Participation in outreach program “Universidad y Escuela: una articulación posible”. Talk oriented to high school students at the Universidad Nacional de la Patagonia. Audience: 15 people. Universidad Nacional de la Patagonia, Trelew, Argentina.

August 2017

Public conference “Patagotitan: The Giant Patagonian Dinosaur”. Talk oriented to the general public. Audience: 65 people. Museo Egidio Feruglio, Trelew, Argentina.

August 2017

Public presentation *Patagotitan* via skype conference in the special public event with D. Barta. American Museum of Natural History, New York, USA.

August 2017

Invited scientist at “Tecnópolis-Conicet”, science and technology Argentinean exhibition. Organized by the Ministry of Science, Argentina. Participation 4,000,000 people. Tecnópolis, Buenos Aires, Argentina.

July 2016

Invited scientist at “Tecnópolis-Conicet”, science and technology Argentinean exhibition. Organized by the

- Ministry of Science, Argentina. Participation 4,000,000 people. Tecnópolis, Buenos Aires, Argentina.
- June 2016 Participation in “Mef Invita”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 6,500 people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- May 2016 Public talk “Discovering dinosaurs in Patagonia: a history of volcanoes and extinctions”. Talk oriented to the general public. Audience: 65 people. Centro Cultural de la Ciencia, Buenos Aires, Argentina.
- March 2016 Public presentation of BBC-produced film “Raising the Giant dinosaur” at the University of Chicago. Presentation of the film and special public event with Paul Sereno. Chicago, USA.
- January 2016 Participation in PBS Nature Press Tour session for the film “Raising the Dinosaur Giant” for specialized press. Press conference featuring film director Charlotte Scott, Diego Pol and (via satellite) Sir David Attenborough. Pasadena, California, USA.
- January 2016 Featured scientist in BBC produced film of 50 minutes. A documentary film presented by David Attenborough on the discovery of the largest dinosaur (Titanosaur) in Central Patagonia. Produced by BBC and broadcasted by BBC1 (“Attenborough and the giant dinosaur”; premiere audience 4.5 million people) in UK, PBS in USA (“Raising the Giant dinosaur”), and BBC-Earth internationally.
- January 2016 Public presentation of new exhibit on a giant titanosaur from Central Patagonia at the American Museum of Natural History. Presentation of the new exhibit, press release, and special public event (“Toast the titanosaur”) with Mark Norell and Michael Novacek. American Museum of Natural History, New York, USA.
- September 2015 TED-x talk “Dinosaurs written in the rocks”. Talk to the general public. Audience: 10,000 people. TEDx Rio de la Plata at Tecnópolis, Buenos Aires, Argentina.
- August 2015 Invited scientist at “Tecnópolis-Conicet”, science and technology Argentinean exhibition. Organized by the Ministry of Science, Argentina. Participation 4,000,000 people. Tecnópolis, Buenos Aires, Argentina.

- June 2015 Participation in “Mef Invita”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 5,500 people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- April 2015 Featured scientist in “Paleontología: Huellas del Tranquilo”. 60 minutes documentary film on the expedition to the Tranquilo Group, southern Patagonia. Produced by CONICET-Documentales and broadcasted in two TV stations of the National Public Television (Argentina): Encuentro and Tec-TV.
- August 2014 Invited scientist at “Tecnópolis”, science and technology Argentinean exhibition. Organized by the Ministry of Science, Argentina. Participation 4,500,000 people. Tecnópolis, Buenos Aires, Argentina.
- June 2014 Participation in “Mef Invita”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 7,500 people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- July-August 2013 Invited scientist at the online course “The Link Between Dinosaurs and Birds: Evolution and Classification” for K-12 teachers available through the World Wide Web. Organized by the Seminars on Science Courses of the American Museum of Natural History.
- June 2013 Participation in “Mef Invita 6”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 3,500 people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- June 2013 Featured scientist in short documentary on paleontological excavations, exhibited at “Tecnópolis”, science and technology Argentinean exhibition. Organized by the Ministry of Science, Argentina. Participation 4,000,000 people. Tecnópolis, Buenos Aires, Argentina.
- October 2012 Invited scientist at the Public TV program “Misión Aventura”, documentary for children for the public TV station Paka-Paka, Argentina.

- July-August 2012 Invited scientist at the online course “The Link Between Dinosaurs and Birds: Evolution and Classification” for K-12 teachers available through the World Wide Web. Organized by the Seminars on Science Courses of the American Museum of Natural History.
- June 2012 Participation in “Mef Invita 6”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 2,500 people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- October 2011 Invited scientist at the Public TV program “Diario de Viaje”, documentary for children for the public tv station Paka-Paka, Argentina.
- July-August 2011 Invited scientist at the online course “The Link Between Dinosaurs and Birds: Evolution and Classification” for K-12 teachers available through the World Wide Web. Organized by the Seminars on Science Courses of the American Museum of Natural History.
- October-Dec. 2011 Participation in extension program “Científicos van a la Escuela”. Educational program to develop activities with K-12 students to teach basic concepts in paleontology and Earth Sciences. Participation: 30 students (Escuela Provincial N. 31, Cerro Cóndor and Colegio Provincial Técnico N. 748, Trelew). Museo Paleontológico Egidio Feruglio and Secretaría de Ciencia y Técnica, Provincia del Chubut, Argentina.
- June 2011 Participation in “Mef Invita 5”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 4,000 people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- April 2011 Calvo, J., Porfiri, J., Pol, D., Riga, B., de la Fuente, M., & Rougier, G.W. 2011. “Vertebrados Continentales Mesozoicos”, Relatorio del XVIII Congreso Geológico Argentino: 539-556, Neuquén, Argentina.
- December 2010 Award Jury in the “Chevron Award for scientific divulgation essay on Patagonian Dinosaurs. Organized by Centro Paleontológico Barreales, Neuquén, Argentina.

- June 2010 Participation in “Mef Invita 4”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 2,500 people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- July-August 2009 Invited scientist at the online course “The Link Between Dinosaurs and Birds: Evolution and Classification” for K-12 teachers available through the World Wide Web. Organized by the Seminars on Science Courses of the American Museum of Natural History.
- June 2009 Participation in “Mef Invita 3”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 2,500 people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- June 2009 “Paleontology and Dinosaurs from Central Patagonia”, talk at the high school number 724, Trelew, Chubut Province, Argentina. Audience: 300 students
- May 2009 “Paleontology and Dinosaurs from Central Patagonia”, talk at the rural elementary school of Tecka, Chubut Province, Argentina. Audience: 80 students (K-12) from the local school
- May 2009 Contributor to the manual for teachers: “Fossils from the Paso de Indios Department, Chubut Province”. Introductory text for school teachers on Paleontology and the fossils known from Central Patagonia. Edited by the Ministry of Education of Chubut Province, Argentina.
- May 2009 International Museum Day at Mef. Public Conference: “Dinosaur Evolution and the importance of museum collections”. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- July-August 2008 Invited scientist at the online course “The Link Between Dinosaurs and Birds: Evolution and Classification” for K-12 teachers available through the World Wide Web. Organized by the Seminars on Science Courses of the American Museum of Natural History.
- June 2008 Participation in “Mef Invita 2”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 4,500

people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.

- January 2008 “Paleontology and Fossils from Cerro Cóndor”, short course at the rural elementary school of Cerro Cóndor, Chubut Province, Argentina. Audience: 35 students (K-12) from the local school
- August 2007 Invited scientist at the online course “The Link Between Dinosaurs and Birds: Evolution and Classification” for K-12 teachers available through the World Wide Web. Organized by the Seminars on Science Courses of the American Museum of Natural History.
- July 2007 Invited scientists to the radial documentary cycles "Ecos de la Patagonia" dedicated to paleontology, with focus on recent findings of Patagonia.
- May 2007 Participation in “Mef Invita”. Open-house day in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Participation: 1,500 people. Museo Paleontológico Egidio Feruglio, Trelew, Argentina.
- April 2006 Invited talk at “Café Científico at MEF” on the Dinosaur origins of Birds. Organized by MEF, Trelew, Argentina
- October-November 2004 Invited scientist at the online course “The Link Between Dinosaurs and Birds: Evolution and Classification” for K-12 teachers available through the World Wide Web. Organized by the Seminars on Science Courses of the American Museum of Natural History.
- October-November 2002 Invited scientist at the online course “Dinosaurs among us” for K-12 teachers available through the World Wide Web. Organized by the National Center of for Science Literacy, Education and Technology.
- October-November 2001 Invited scientist at the online course “Dinosaurs among us” for K-12 teachers available through the World Wide Web. Organized by the National Center of for Science Literacy, Education and Technology.
- March-September 2001 Elaboration of a six week course on theropod dinosaurs for K-12 teachers available through the World Wide Web. Organized by the National Center of for Science Literacy, Education and Technology (in collaboration with Dr. Norell).

- August 2001 Scientific consultant for the book “Scholastic Dinosaur Dictionary” (Author: D. Lessem), in press, Scholastic Reference Inc., New York
- October 2000 Scientific consultant for the book “Dino-maze” (Author: E. Carpenter), published by Workman Publ. Co., New York

GRANTS, HONORS, AWARDS, SCHOLARSHIPS

GRANTS RECEIVED AS PI (*amounts in US dollars*)

- October 2019 Grant-in-aid ANPCyT (Argentinean National Agency for Promotion of Science). Project: Evolution and diversification of Sebecidae (Crocodyliformes) in the Paleogene of South America.
Grant awarded: \$29,070. PI: Diego Pol
- June 2018 CONICET grant from program of digitalization of collections at Museo Paleontológico Egidio Feruglio.
Grant awarded: \$5,200. PI: Diego Pol
- January 2018 CONICET-Royal Society International Collaboration Project (Program of Scientific Collaboration) between Argentina and United Kingdom.
Grant awarded: \$15,140.00. PI: Diego Pol, Paul Barrett
- June 2015 Grant-in-aid ANPCyT (Argentinean National Agency for Promotion of Science). Project: Evolutionary and faunal replacements among dinosaurs along the Early-Middle Jurassic in Central Patagonia.
Grant awarded: \$83,383. PI: Diego Pol
- August 2014 Equipment grant ANPCyT (Argentinean National Agency for Promotion of Science). Project: Scientific equipment for Museo Paleontológico Egidio Feruglio.
Grant awarded: \$157,058. PI: Diego Pol
- June 2014 Grant-in-aid ANPCyT (Argentinean National Agency for Promotion of Science). Project: Evolution and paleobiology of notosuchian crocodyliforms from Gondwana.

- Grant awarded: \$62,428. PI: Diego Pol
- April 2014 CONICET-NSF International Collaboration Project (Program of Scientific Collaboration) between Argentina and United States of America.
- Grant awarded: \$20,000. PI: Diego Pol, James Clark
- April 2013 International collaboration Grant Argentina-South Africa (Argentinean Ministry of Science and Technology – SA/115). Project: Phylogenetic patterns in Early Jurassic archosaurs from southern Gondwana.
- Grant awarded: \$15,000. PI: Diego Pol, Anusuya Chinsamy-Turan
- April 2012 Grant-in-aid ANPCyT (Argentinean National Agency for Promotion of Science). Project: Phylogenetic and Biogeographic patterns in archosaurs from the Jurassic of Central Patagonia.
- Grant awarded: \$66,755. PI: Diego Pol
- April 2011 Grant-in-aid ANPCyT (Argentinean National Agency for Promotion of Science). Project: Diversity and Evolution of Crocodyliformes during the Cretaceous and Paleogene in South America.
- Grant awarded: \$88,756. PI: Diego Pol
- Nov 2010 National Geographic Society Research Grant 8860-10. Project: Early Dinosaurs from Patagonia and the timing of dinosaur diversification in the Late Triassic of Gondwana.
- Grant awarded: \$ 17,875. PI: Diego Pol
- June 2009 CONICET-CNRS International Collaboration Project (Program of Scientific Collaboration) between Argentina and France.
- Grant awarded: \$16,000. PI: Diego Pol
- May 2009 Jurassic Foundation Award in Support of Research. Project: Dinosaurs and other vertebrates from the Cretaceous of Central Patagonia.
- Grant awarded: \$2,150. PIs: J.L. Carballido, Diego Pol
- October 2008 CONICET International Collaboration Project (Program of Scientific visits) with the National Academy of Sciences of People's Republic of China.
- Grant awarded: \$2,000. PI: Diego Pol

- April 2008 Grant-in-aid ANPCyT (Argentinean National Agency for Promotion of Science). Project: Continental Jurassic tetrapods from Patagonia: a phylogenetic, evolutionary, and biogeographic integration.
Grant awarded: \$96,774. PI: Diego Pol
- January 2007 CONICET Grant-in-aid for organization of scientific meetings. Project: Organization of 23rd Argentine Meeting of Vertebrate Paleontology.
Grant awarded: \$5,000. PI: Diego Pol
- October 2006 Palaeontological Association Grant-in-aid. Project: Organization of 23rd Argentine Meeting of Vertebrate Paleontology.
Grant awarded: \$3,700. PI: Diego Pol
- June 2006 Jurassic Foundation Award in Support of Research. Project: Early Cretaceous Dinosaurs from Central Patagonia.
Grant awarded: \$2,500. PIs: Diego Pol, Lic. G. Cladera
- October 2004 Chance Award, Society of Vertebrate Paleontology. Project: Organization of workshop on micropreparation of fossil vertebrates.
Grant awarded: \$ 5,800. PI: Diego Pol
- July 2002 Annette Kade Graduate Fellowship Program in Support of Research. Project: Prosauropods from the Late Triassic of Germany and France.
Grant awarded: \$9,500. PI: Diego Pol
- June 2002 Jurassic Foundation Award in Support of Research. Project: Efficient data management of phylogenetic information.
Grant awarded: \$1,500. PIs: Diego Pol, Sergio Daicz
- May 2002 The Theodore Memorial Roosevelt Fund Award in Support of Research. Project: Phylogenetic relationships of basal Sauropodomorpha.
Grant awarded: \$800. PI: Diego Pol
- June 1998 Student grant for attending the 10th International Gondwana Conference in the Pan-Gondwana student program, awarded by the FRD (Federal Research and Development Agency - South Africa)

GRANTS RECEIVED AS CO-PI or COLLABORATOR (*amounts in US dollars*)

- June 2018 DFG Grant 401702957. “Late Jurassic terrestrial vertebrates from Chubut Province, Argentina: implications for the differentiation of terrestrial vertebrate faunas during the Jurassic”.
Grant awarded: \$ 244,000. PI: Oliver Rauhut.
- June 2017 ANPCyT Grant PICT 2016-0159. “Anatomía y paleobiología de los Crocodylia (Mesoeucrocodylia) y sus implicancias en la caracterización biológica de los crocodyliformes continentales”.
Grant awarded: \$ 32,675. PI: Paula Bona.
- June 2017 ANPCyT Grant PICT 201-0267. “La diversificación Jurásica de Crocodylomorpha (Archosauria: Pseudosuchia): la información de la caja craneana para develar patrones evolutivos.”
Grant awarded: \$ 18,390. PI: Juan Martín Leardi.
- Feb 2017 European Synchrotron Radiation Facility (Grenoble, France). Experiment: “Dinosaurs eggs and embryos from the Early Jurassic of Patagonia”.
PI: Vincent Fernandez.
- June 2016 ANPCyT Grant PICT 2015-0711. “Las faunas del límite Triásico-Jurásico de la cuenca Marayes-El Carrizal y sus correlaciones”.
Grant awarded: \$ 46,875. PI: Ricardo Martínez.
- June 2016 ANPCyT Grant PICT 2015-0682. “Evolución temprana de Sauropodomorpha (Dinosauria, Saurischia) y origen de Sauropoda: aspectos filogenéticos y biomecánicos del esqueleto postcraneano”.
Grant awarded: \$ 23,780. PI: Alejandro Otero.
- June 2015 ANPCyT Grant PICT 2014-0682. “Sistemática y paleobiología de Physeteroidea (Mamalia, Cetacea, Odontoceti) del Mioceno de Patagonia”.
Grant awarded: \$ 8,640. PI: Mónica Buono.
- June 2015 ANPCyT Grant PICT 2014-0668. “Evolución del gigantismo, aspectos anatómicos, filogenéticos y morfofuncionales”.
Grant awarded: \$ 24,350. PI: José Luis Carballido.
- June 2014 ANPCyT Grant PICT 2013-0618. “Paleoneurología de los Metriorhynchidae (Thalattosuchia: Crocodyliformes) Jurásico-Cretácicos. Caso de estudio de las adaptaciones secundarias de los Crocodyliformes a la vida marina”.

Grant awarded: \$ 9,880. PI: Yanina Herrera

June 2014 ANPCyT Grant PICT 2013-1920. "Evolución de las formas basales de Sauropodomorpha: Patrones morfológicos, filogenéticos y biogeográficos en el Triásico Superior - Jurásico Inferior de Pangea.

Grant awarded: \$ 10,239. PI: Cecilia Apaldetti

June 2014 ANPCyT Grant PICT 2013-2725. "La anatomía basicraneana de Almadasuchus (Jurásico Superior de Patagonia) y Macelognathus (Jurásico Superior de Estados Unidos) y sus implicancias en la evolución de Crocodylomorpha y los Crocodyliformes basales".

Grant awarded: \$ 10,239. PI: Juan Martin Leardi

August 2013 ANPCyT Grant PICT 2012-0925. "Anatomía y filogenia de los arcosauriformes no-avemetatarsianos: implicancias en los ecosistemas continentales del Triásico".

Grant awarded: \$ 50,549. PI: Julia Desojo

August 2013 ANPCyT Grant PICT 2012-0748. "Herpetofaunas marinas jurásico-cretácicas de Patagonia: casos de estudio para la comprensión de los procesos involucrados en la conquista de los tetrápodos al medio marino".

Grant awarded: \$ 52,114. PI: Marta Fernández

August 2013 ANPCyT Grant PICT 2012-0421. "Los vertebrados de la Formación Los Llanos, Cretácico de La Rioja, Argentina y sus implicancias geopaleontológicas".

Grant awarded: \$ 10,000. PI: Lucas Fiorelli

August 2013 ANPCyT Grant PICT 2012-0227. "Cambios climáticos durante el Paleógeno de Patagonia y sus influencias sobre la evolución y distribución de la herpetofauna".

Grant awarded: \$ 14,000. PI: Juliana Sterli

August 2013 ANPCyT Grant PICT 2012-0378. "Morfología, Origen Y Evolución De Los Diplodocoideos (Sauropoda, Neosauropoda), Implicancias Paleobiogeográficas Del Grupo".

Grant awarded: \$ 10,000. PI: José Luis Carballido

August 2012 ANPCyT Grant PICT 2011-1652. "El origen de los dinosaurios".

Grant awarded: \$ 53,000. PI: Fernando Novas

August 2012 ANPCyT Grant PICT 2011-1181. "Historias de vidas y dinámicas de crecimiento de sauropodomorfos del Triásico Tardío-Jurásico Medio de Patagonia inferidas a partir de la histología ósea".

Grant awarded: \$ 10,000. PI: Ignacio Cerda

August 2012 ANPCyT Grant PICT 2011-2482. "Anatomía funcional y variación ontogenética en el esqueleto apendicular de *Mussaurus patagonicus* (Dinosauria, Sauropodomorpha) del Triásico Tardío de Patagonia".

Grant awarded: \$ 10,000. PI: Alejandro Otero

Dec. 2011 Grant for the program "Mejoramiento y protocolo para el almacenamiento de fósiles de grandes dimensiones" from the Secretary of Culture (Chubut Province, Argentina).

Grant awarded: \$6,500. PI: Fundación Egidio Feruglio.

Nov 2011 National Geographic Society Research Grant 8975-11. Project: Climatic changes and their consequences on the herpetofauna during the Paleogene of Patagonia.

Grant awarded: \$ 8,020. PI: Juliana Sterli

Sept. 2010 Grant for the program "Científicos van a la Escuela" from the Ministry of Education (Chubut Province, Argentina).

Grant awarded: \$4,500. PI: Fundación Egidio Feruglio.

June 2010 Grant-in.aid Volkswagen Foundation (Germany). Project: Dinosaur evolution and biogeography across the Middle-Late Jurassic boundary.

Grant awarded: \$77,540. PI: Oliver Rauhut

July 2009 Grant-in-aid Ministry of Education (Chubut Province, Argentina). Project: Paleontology of Southwest of Chubut Province.

Grant awarded: \$3,000. PI: Alejandra Pagani. Co-PI: Diego Pol

May 2009 Jurassic Foundation Award in Support of Research. Project: Dinosaurs and other vertebrates from the Cretaceous of Central Patagonia.

- Grant awarded: \$2,150. PIs: J.L. Carballido, Diego Pol
- Abril 2009 Grant-in-aid ANPCyT (Argentinean National Agency for Promotion of Science). Project: “Las faunas de tetrápodos continentales en el intervalo Pérmico-Triásico de la Cuenca de San Rafael, provincia de Mendoza”.
Grant awarded: \$82,523. PI: Marcelo de la Fuente
- August 2008 DFG grant 64345319 (German Research Foundation). Project: Middle to Late Jurassic archosaurs from Chubut Province, Argentinean Patagonia, and Jurassic archosaur radiations in the Southern Hemisphere.
Grant awarded: \$115,070. PI: Oliver Rauhut
- June 2007 Grant-in-aid Ministry of Education (Chubut Province, Argentina). Project: Paleontology of the Department of Paso de Indios, Chubut Province.
Grant awarded: \$6,000. PI: Alejandra Pagani. Co-PI: Diego Pol
- May 2006 CONICET Grant-in-aid of research. PIP 5153. “Paleobiogeografía de las Tortugas, Dinosaurios y Cocodrilos sudamericanos Cretácicos: una aproximación integradora.
Grant awarded: \$28,000. PI: Fernando Novas
- October 2002 Assembling the Tree of Life: Archosaur phylogeny: A total evidence approach at fine taxonomic levels – NSF-04-526 Award Number 0228693 – Collaborator (in charge of basal Sauropodomorph and outgroup relationships).
Grant Awarded: \$ 1,733,737 (estimated amount for grant period 2002-2007). PIs: Dr. Norell, Dr. Cracraft, Dr. Barraclough

AWARDS, HONORS

- July 2017-July 2020 Adjunct Assistant Professor, Cornell University, USA.
- January 2016 “Tinker Visiting Professor”, Winter Quarter, The University of Chicago, USA.
- October 2014 “Houssay Award”, Argentinean National Ministry of Science and Technology, to best researcher in Earth Sciences under 45 years.

- May 2014 Visiting Professor, Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brasil.
- September 2012 “German Burmeister Award”, Academia Nacional de Ciencias to best young researcher in Geology and Paleontology.
- June 2010 Visiting Professor, Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brasil.
- December 2009 “Pedro Stipanovic Award”, Academia Nacional de Ciencias Exactas, Físicas y Naturales to the best young researcher in Earth Sciences.
- January 2007-present Research Associate, Division of Paleontology, American Museum of Natural History, New York, USA.
- December 2006 Ameghino Award of the Argentine Paleontological Association to best publication of young scientist in 2005.
- October 2006 Feruglio Award of the Egidio Feruglio Foundation to best young scientist in Paleontology of Argentina (period 2002-2006).
- August 2001 “Lars Brundin Award” to student presentation at the 20th Hennig meeting, Corvallis, Oregon. Awarded by the Willi Hennig Society.
- August 2001 Nomination as Founding Fellow of the Willi Hennig Society.

SCHOLARSHIPS

- Sept 2004 Mathematical Biosciences Institute Postdoctoral Fellowship, Ohio State University, Columbus, OH. Fellowship starting October 2004.
- August 1999 Columbia Fellowship of the Department of Earth and Environmental Sciences, Columbia University, New York.