

DIEGO POL

PERSONAL DATA

Name: Diego Pol
 Passport Number: 23964293 (Argentina)
 Birth: Rosario, Argentina. June 23rd, 1974.
 Address: Av. Fontana 140, Trelew CP 9100, Chubut, Argentina
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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.
awaa 2001	M.A., Dept of Earth and Environmental Sciences, Columbia University, New York.
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:	<p>Ph.D dissertation: "Phylogenetic relationships of basal sauropodomorph dinosaurs", 705 pp. Insitution: Columbia University Grade: Straight Pass/Straight Pass</p> <p>Licenciatura thesis: "El esqueleto postcraneano de Notosuchus terrestris y su informacion filogenética", 185 pp. Insitution: Universidad de Buenos Aires Grade: 10 (out of 10)</p>

VERTEBRATE PALEONTOLOGY WORK EXPERIENCE

2015-	Principal Researcher CONICET – Museo Paleontológico Egidio Feruglio Trelew, Chubut, Argentina <i>Research on phylogenetic relationships of fossil archosaurs</i>
2011-2014	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

Peer-reviewed articles: 136 papers, 9 book chapters

Abstracts at meetings: 143 regular talks/posters, 11 Keynote conferences

Book reviews and editorial comments: 2

Edited Academic Books: 1

Bibliometrics (Google Scholar): H-index 55, Citas 7761, i10-index 111

Peer-reviewed Papers and Book chapters (complete list)

1. **POL, D.**, OTERO, A. & BARRETT, P. B. in press. Basal Sauropodomorpha. In: **The Dinosauria, 3rd Edition**. Weishampel, D., Carrano, M., Makovicky P., Barrett PM. (eds.). Cambridge University Press. 50 pp, 9 figs.
2. D'EMIC, M. D., O'CONNOR, P. M., SOMBATHY, R. S., CERDA, I., PASCUCCI, T. R., VARRICCHIO, **POL, D.**, CORIA, R. A. & CURRY ROGERS, K. A. 2023. Developmental strategies underlying gigantism and miniaturization in non-avian theropod dinosaurs. **Science** 379: 811–814.
3. BECERRA, M. G., **POL, D.**, PORRO, L. B., PAULINA-CARABAJAL, A., & RAUHUT, O. W. 2023. Craniomandibular osteology of *Manidens condorensis* (Ornithischia: Heterodontosauridae) from the upper Lower Jurassic of Argentina. **Journal of Vertebrate Paleontology** 42: e2181087.
4. NORELL, M. A., WIEMANN, J., MENÉNDEZ, I., FABBRI, M., YU, C., MARSICANO, C. A., **POL, D.** & ZELENITSKY, D. K. 2022. Reply to: Triassic sauropodomorph eggshell might not be soft. **Nature** 610: E11-E14.
5. NIETO, M. N., DEGRANGE, F. J., SELLERS, K. C., **POL, D.**, & HOLLIDAY, C. M. 2022. Biomechanical performance of the cranio-mandibular complex of the small

- notosuchian *Araripesuchus gomesii* (Notosuchia, Uruguaysuchidae). **The Anatomical Record** 305: 2695–2707.
6. CERDA, I. A., **POL, D.**, OTERO, A., & CHINSAMY, A. 2022. Palaeobiology of the early sauropodomorph *Mussaurus patagonicus* inferred from its long bone histology. **Palaeontology** 65: e12614.
 7. BAIANO, M. A., **POL, D.**, BELLARDINI, F., WINDHOLZ, G. J., CERDA, I. A., GARRIDO, A. C., & CORIA, R. A. 2022. *Elemgasem nubilus*: a new brachyrostran abelisaurid (Theropoda, Ceratosauria) from the Portezuelo Formation (Upper Cretaceous) of Patagonia, Argentina. **Papers in Palaeontology** 8: e1462.
 8. BRAVO, G. G., **POL, D.**, ARMELLA, M. A., GÓMEZ, K. 2022. The choanal anatomy of the *Sebecus icaeorhinus* Simpson, 1937 and the variation of the palatine shape in notosuchians (Crocodyliformes, Mesoeucrocodylia). **Journal of Paleontology** 1–13. doi: 10.1017/jpa.2022.48
 9. SELLERS, K. C., NIETO, M. N., DEGRANGE, F. J., **POL, D.**, CLARK, J. M., MIDDLETON, K. M., HOLLIDAY, C. M. 2022. The effects of skull flattening on suchian jaw muscle evolution. **The Anatomical Record**: 132. doi: 10.1002/ar.24912
 10. NAVARRO, T., CERDA, I., BARRIOS, F., **POL, D.** 2022. Dental histology and attachment tissues in *Notosuchus terrestris* (Crocodyliformes, Notosuchia): palaeobiological implications. **Lethaia** 55: 1–10.
 11. STERLI, J., **POL, D.**, CARBALLIDO, J. L., PUERTA, P., & VLACHOS, E. 2022. Paleoherpetología en el Museo Paleontológico Egidio Feruglio (Trelew, Chubut). **Publicación Electrónica de la Asociación Paleontológica Argentina** 22: 359–380.

12. **POL, D.**, GOMEZ, K., HOLWERDA, F. M., RAUHUT, O. W., CARBALLIDO, J. L. 2022. Sauropods from the Early Jurassic of South America and the Radiation of Eusauropoda. In: **South American Sauropodomorph Dinosaurs**. Otero, A., Carballido, J.L., Pol, D. (eds.). Springer, Cham. pp. 131–163.
13. FABBRI, M., NAVALON, G., BENSON, R.B., **POL, D.**, O'CONNOR, J., BHULLAR, B.A.S., ERICKSON, G., NORELL, M.A., ORKNEY, A., LAMANNA, M.C. ZOUHRI, S. 2022. Sinking a giant: quantitative macroevolutionary comparative methods debunk qualitative assumptions. **Preprint at *bioRxiv***. doi: 10.1101/2022.05.05.490811
14. BONA, P., FERNANDEZ BLANCO, M. V., EZCURRA, M. D., VON BACZKO, M. B., DESOJO, J. B., **POL, D.** 2022. On the homology of crocodylian post-dentary bones and their macroevolution throughout Pseudosuchia. **The Anatomical Record** 1–22. doi: 10.1002/ar.24873
15. FABBRI, M., NAVALÓN, G., BENSON, R.B., **POL, D.**, O'CONNOR, J., BHULLAR, B.A.S., ERICKSON, G.M., NORELL, M.A., ORKNEY, A., LAMANNA, M.C. AND ZOUHRI, S. 2022. Subaqueous foraging among carnivorous dinosaurs. **Nature** 603: 852–857.
16. OTERO, A., **POL., D.** 2021. Ontogenetic changes in the postcranial skeleton of *Mussaurus patagonicus* (Dinosauria, Sauropodomorpha) and their impact on the phylogenetic relationships of early sauropodomorphs. **Journal of Systematic Palaeontology** 19: 1467–1516.
17. GOMEZ, K., CARBALLIDO, J.L., **POL, D.** 2021. The axial skeleton of *Bagualia alba* (Dinosauria: Eusauropoda) from the Early Jurassic of Patagonia. **Palaeontologia Electronica** 24: a37. doi: 10.26879/1176
18. APALDETTI, C., **POL, D.**, EZCURRA, M., MARTINEZ, R.N. 2021. Sauropodomorph evolution across the Triassic–Jurassic boundary: body size, locomotion, and their

influence on morphological disparity. **Scientific Reports** 11: 22534. doi:
10.1038/s41598-021-01120-w

19. **POL, D.**, CARBALLIDO, J.L., ROUGIER, G.W., RAUHUT, O.W.M., STERLI, J., GOMEZ, K. 2021. Vertebrados tetrápodos Mesozoicos de la Cuenca Cañadón Asfalto. In: **Relatorio XXI Congreso Geológico Argentino**: 780–805.
20. STERLI, J., PARRAS, A., ALBINO, A., BECERRA, M., CARBALLIDO, J.L., GOUIRIC-CAVALLI, S., MUZZOPAPPA, P., ORIOZABALA, C., PANZERI, K.M., PEREZ MORENO, A., **POL, D.**, ROUGIER, G.W., SALGADO, L. 2021. Vertebrados continentales de la Formación La Colonia (Campaniano–Maastrichtiano). In: **Relatorio XXI Congreso Geológico Argentino**: 834–865.
21. **POL, D.**, MANCUSO, A. C., SMITH, R. M., MARSICANO, C. A., RAMEZANI, J., CERDA, I. A., FERNANDEZ, V. 2021. Earliest evidence of herd-living and age segregation amongst dinosaurs. **Scientific reports** 11: 20023. doi:
10.1038/s41598-021-99176-1
22. BRAVO, G. G., **POL, D.**, GARCÍA-LÓPEZ, D. A. 2021. A new sebecid mesoeucrocodylian from the Paleocene of northwestern Argentina. **Journal of Vertebrate Paleontology**: e1979020.
23. FELICE, R. N., **POL, D.**, GOSWAMI, A. 2021. Complex macroevolutionary dynamics underly the evolution of the crocodyliform skull. **Proceedings of the Royal Society B** 288: 20210919.
24. YÁÑEZ, I., **POL, D.**, LEARDI, J., ALCOBER, O. A., MARTÍNEZ, R. N. 2021. An enigmatic new archosauriform from the Carnian-Norian, Upper Triassic, Ischigualasto Formation of northwestern Argentina. **Acta Palaeontologica Polonica** 66: 509–533.

25. HOLWERDA, F. M., RAUHUT, O. W., **POL, D.** 2021. Osteological revision of the holotype of the Middle Jurassic sauropod dinosaur *Patagosaurus fariasi* Bonaparte, 1979 (Sauropoda: Cetiosauridae). **Geodiversitas** 43: 575–643.
26. RAUHUT, O. W., **POL, D.** 2021. New theropod remains from the Late Jurassic Cañadón Calcáreo formation of Chubut, Argentina. **Journal of South American Earth Sciences** 103434.
27. NIETO, M. N., DEGRANGE, F. J., SELLERS, K. C., **POL, D.**, HOLLIDAY, C. M. 2021. Biomechanical performance of the cranio-mandibular complex of the small notosuchian *Araripesuchus gomesii* (Notosuchia, Uruguaysuchidae). **The Anatomical Record** 132. doi: 10.1002/ar.24697.
28. **POL, D.**, OTERO, A., APALDETTI, C., MARTÍNEZ, R. N. 2021. Triassic sauropodomorph dinosaurs from South America: The origin and diversification of dinosaur dominated herbivorous faunas. **Journal of South American Earth Sciences** 107: 103145.
29. DEGRANGE, F. J., **POL, D.**, PUERTA, P., WILF, P. 2021. Unexpected larger distribution of paleogene stem-rollers (AVES, CORACII): new evidence from the Eocene of Patagonia, Argentina. **Scientific reports** 11: 1363. doi: 10.1038/s41598-020-80479-8
30. BECERRA, M., **POL, D.**, WHITLOCK, J.A., PORRO, L.B. 2021. Tooth replacement in *Manidens condorensis* : baseline study to address the replacement pattern in dentitions of early ornithischians. **Special Papers in Palaeontology** 7: 1167–1193.
31. RAUHUT, O. W., CARBALLIDO, J. L., **POL, D.** 2020. First osteological record of a stegosaur (Dinosauria, Ornithischia) from the Upper Jurassic of South America. **Journal of Vertebrate Paleontology** 40: e1862133.

32. FABBRI, M., TSCHOPP, E., MCPHEE, B., NESBITT, S., **POL, D.**, LANGER, M. 2020. Sauropodomorpha F. R. von Huene 1932, converted clade name. in: **Phylonyms: a Companion to the PhyloCode**. De Queiroz, K., Cantino, P. D., Gauthier, J. A. (Eds.). CRC Press. pp. 1225–1234.
33. ZAHER, H., **POL, D.**, NAVARRO, B. A., DELCOURT, R., & CARVALHO, A. B. 2020. An Early Cretaceous theropod dinosaur from Brazil sheds light on the cranial evolution of the Abelisauridae. **Comptes Rendus Palevol** 19: 101–115.
34. LEARDI, J. M., YÁÑEZ, I., & **POL, D.** 2020. South American Crocodylomorphs (Archosauria; Crocodylomorpha): A review of the early fossil record in the continent and its relevance on understanding the origins of the clade. **Journal of South American Earth Sciences** 104: 102780.
35. **POL, D.**, RAMEZANI, J., GOMEZ, K., CARBALLIDO, J. L., CARABAJAL, A. P., RAUHUT, O. W. M., ESCAPA, I. H. & CÚNEO, N. R. 2020. Extinction of herbivorous dinosaurs linked to Early Jurassic global warming event. **Proceedings of the Royal Society B** 287: 20202310.
36. **POL, D.** & GOLOBOFF, P.A. 2020. The Impact of unstable taxa in Coelurosaurian phylogeny and resampling support measures for parsimony analyses. **Bulletin of the American Museum of Natural History** 440 : 98-115.
37. NORELL, M.A., WIEMANN, J., FABBRI, M., YU, C., MARSICANO, C.A., MOORE-NALL, A., VARRICCHIO, D.J., **POL, D.**, ZELENYTSKY, D.K. 2020. The first dinosaur egg was soft. **Nature** 583 : 406-410.
38. FERNANDEZ DUMONT, M.L., BONA, P., **POL, D.**, & APESTEGUIA, S. 2020. New anatomical information on *Araripesuchus buitreaensis* with implications for the systematics of Uruguaysuchidae (Crocodyliforms, Notosuchia). **Cretaceous Research**. DOI: 10.1016/j.cretres.2020.104494

39. LEARDI, J.M., **POL, D.** & CLARK, J.M. 2020. Braincase anatomy of *Almadasuchus figarii* (Archosauria, Crocodylomorpha) and a review of the cranial pneumaticity in the origins of Crocodylomorpha. **Journal of Anatomy** DOI: 10.1111/joa.13171
40. BECERRA, M.G. & **POL, D.** 2020. The enamel microstructure of *Manidens condorensis*: new hypotheses on the ancestral state and evolution of enamel in Ornithischia. **Acta Palaeontologica Polonica** 65: 1–12.
41. KRAUSE, M., RAMEZANI, J., UMAZANO, A.M., **POL, D.**, CARBALLIDO, J.L., STERLI, J., PUERTA, P., CUNEO, N.R., BELLOSI, E.S. 2020. 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
42. 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.
43. 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.
44. 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
45. 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
46. 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.
47. 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.
48. KRUPANDAN, E., CHINSAMY-TURAN, A., **POL, D.** 2018. The long bone histology of the sauropodomorph *Antetonitrus ingenipes*. **The Anatomical Record** 301 : 1506-1518.
49. 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
50. 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.
51. LEARDI, J. M., **POL, D.**, & GASPARINI, Z. 2018. New Patagonian baurusuchids (Crocodylomorpha; Notosuchia) from the Bajo de la Carpia 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

52. 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.
53. 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.
54. 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.
55. 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
56. 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
57. 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
58. 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

59. 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
60. 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
61. 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.
62. 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.
63. 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.
64. OTERO, A., APALDETTI, C., & **POL, D.** 2016. Basal Sauropodomorpha of Gondwana. **Contribuciones del Museo Argentino de Ciencias Naturales** 6: 119-128.

65. 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
66. REGUERO, M.A., OLIVERO, E.B., & **POL, D.** 2016. Gondwanan Perspectives: Cretaceous–Paleogene Biota of West Antarctica. **Ameghiniana** 53: 241–244.
67. **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.
68. LEARDI, J.M., **POL, D.**, NOVAS, F.E., & SUAREZ-RIGLOS, M. 2015. The postcranial anatomy of *Yacarerani boliviensis* and the phylogenetic significance of the notosuchian postcranial skeleton. **Journal of Vertebrate Paleontology** 35: e995187.
69. 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.
70. 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.
71. 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.

72. 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.
73. 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.
74. 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.
75. 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.
76. 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.
77. 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.

78. 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.
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99. CARBALLIDO, J.L., RAUHUT, O.W., **POL, D.** & SALGADO, L. 2011. Osteology and phylogenetic relationships of *Tehuelchesaurus benitezii* (Dinosauria, Sauropoda)

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129. GASPARINI, Z., **D. POL**, & L. A. SPALLETTI, 2006. An unusual crocodyliform from the Jurassic-Cretaceous boundary of Patagonia. **Science** 311: 70-73.
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Book reviews and Editorial Comments

1. POL, D., LAZO, D. G. 2020. Gondwanan Perspectives: The Origins of Patagonia, a Challenging Geological Puzzle. **Ameghiniana** 57: 462-463.2.
2. 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.

Books

1. OTERO, A., CARBALLIDO, J.L., **POL, D.** 2022. **South American Sauropodomorph Dinosaurs: Record, Diversity, Evolution**. ISBN: 978-3-030-95959-3. Springer, Cham. 582 pp.

CONFERENCES AND SEMINARS

Keynote conferences at scientific meetings

- 2021 “Eventos evolutivos del Mesozoico: nuevas evidencias de Patagonia” keynote conference at the 21st Congreso Argentino de Herpetología. October, 2021 (Organized by Dr. P. Carrasco).

- 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).
- 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).
- 2016 “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).
- 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).
- 2011 “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).
- 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. Codorníu).

- 2010 “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).
- 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).
- 2004 “Relaciones filogenéticas de dinosaurios sauropodomorfos basales” – Invited conference at the V Reunión Argentina de Cladística y Biogeografía, Salta, Argentina, September 2-4, 2004

Seminars at scientific institutions

- 2021 “Dinosaurios de la Patagonia: la evolución del gigantismo” invited talk for Universidad Peruana Cayetano Heredia (Perú). August, 2021 (Organized by Dr. R. Salas Gismondi).

“The evolution of giant herbivorous dinosaurs in Patagonia and the impact of Early Jurassic volcanic events” invited talk for University of Leicester Geology Society. February, 2021 (Organized by Dr. T. Snaith).

- 2020 “Patagonian dinosaurs: body size evolution and cases of extreme gigantism” invited talk for Department of Biological Sciences, Sam Houston State University. September, 2020 (Organized by Dr. J. Daza).

“Descubriendo dinosaurios gigantes en Patagonia” Academia Nacional de Ciencias (Argentina), ciclo de conferencias Descubriendo la Ciencia. August, 2020 (Organized by Dr. V. Macagno).

“The evolution of dinosaur gigantism” Virtual Closer Look talk for National Geographic staff. April, 2020 (Organized by Explorers Program team at National Geographic Society).

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 “Detecting unstable taxa that decrease support in phylogenetic analyses” Invited talk at Hong Kong University, Hong Kong. April, 2018 (Organized by Dr. M. Pittman).

“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).

“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).

“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).

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, Intituto 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”. Invited talk at the Los Angeles County Museum. Los Angeles, CA, USA. November 10h, 2011. (organized by Dr. L.M. Chiappe).

2009 “Evolución de Dinosaurios: origen y diversificación de los grandes dinosaurios herbívoros” Invited 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 “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).
- “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: Advisor.
- 2015-2021. Cecilia Apaldetti (Assistant Researcher Conicet). Project: Early Jurassic sauropodomorphs from northwestern Argentina. Role: co-Advisor.

- 2015-2019. 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 Archaeoptero-dactyloidea. Role: Advisor.

DIRECTION OF POSTDOCTORAL FELLOWS

- 2021-2023. Mattia Baiano (Postdoctoral fellow Conicet). Project: Morphological evolution and disparity in the axial skeleton of Ceratosaurian Theropods. Role: Advisor.
- 2019-2021. Christophe Hendrickx (Postdoctoral fellow Conicet). Project: Evolution of synapsids in the Triassic of southern Gondwana. Role: co-Advisor.
- 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 cazaui* (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

- 2020-present. Gonzalo Bravo (PhD fellow Conicet). Universidad Nacional de Tucumán, Argentina. Project: Diversity and evolution of sebecid crocodyliforms from the Eocene of northwestern Argentina. Role: Advisor.
- 2020-present. Luciano Pradelli (PhD fellow Conicet). Universidad de Buenos Aires, Argentina. Project: Anatomy of *Piatnitzkysaurus floresi* and the radiation of Tetanurans. Role: Co-Advisor.
- 2020-present. Tamara Navarro (PhD fellow Conicet). Universidad Nacional de Córdoba, Argentina. Project: Histological analyses of notosuchian crocodyliforms. Role: Co-Advisor.
- 2019-present. Cecily Nicholl (PhD student). University College London (United Kingdom). Project: Evolution of notosuchian crocodyliforms. Role: Co-Advisor.
- 2019-present. Nicolás Nieto (PhD fellow Conicet). Universidad Nacional de Córdoba, Argentina. Project: Finite element analyses of notosuchian crocodyliforms. Role: Co-Advisor.
- 2018-present. Oscar Lehmann (PhD fellow Conicet). Universidad de Buenos Aires, Argentina. Project: Evolution of dentition in Diapsida. 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.
- 2016-2022. Kevin Gomez (PhD fellow Conicet). Universidad Nacional del Comahue, Argentina. Project: Diversity, Evolution, and morphological disparity of basal sauropods. Role: Co-Advisor.
- 2015-2019. Femke Holwerda (Ph.D. student). Ludwig Maximilians University, Germany. Project: The anatomy and relationships of *Patagosaurus fariasi* from the Jurassic of Patagonia. Role: Co-Advisor.
- 2014-2019. Alfredo Holley Reguiló (PhD fellow Conicet). Universidad Nacional del Comahue, Argentina. Project: Phylogeny, molecular clock, and biogeography of chelid turtles. Role: Co-Advisor.

- 2014-2019. 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: 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 Cándor, 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*
stipanivicorum 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

2022. Ana Botallo. Museum National d'histoire Naturelle, Centre de Recherche en Paléontologie, UMR 7207, Sorbonne Université, France. Thesis: Origine et Diversification des Elapides (Squamata, Serpentes) avec une référence particulière au registre fossile du Cenozoic Européen. Role: Dissertation Jury.
2022. Jorge Meso. Universidad Nacional de Río Negro. Thesis: Los Alvarezsauridae (Dinosauria, Theropoda, Coelurosauria) De América Del Sur: Anatomía Y Relaciones Filogenéticas. Role: Dissertation Jury.
2020. Rémi Lefebvre. Museum National D'Histoire Naturelle, Centre de Recherche en Paléontologie, UMR 7207, Sorbonne Université, France. Ph.D. Thesis: Towards extreme gigantism: long bone inner and outer adaptations in sauropodomorph dinosaurs. Role: Dissertation Jury.
2020. Mauricio Cerroni. Universidad de La Plata, Argentina. Ph.D. Thesis: Estudio paleobiológico del abelisáurido *Skorpiovenator bustingorryi* (Dinosauria: Theropoda); paleohistología, reconstrucción muscular y neumaticidad. Role: Dissertation Jury.

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. 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

2021. Jeremías Aliaga. Universidad del Chubut, Argentina. Project: Laboratory techniques in the preparation of sauropod dinosaurs from the Jurassic of Patagonia. Duration: 3 months. Role: Advisor.

2021. Aldana Pogler. Universidad del Chubut, Argentina. Project: Laboratory techniques in the preparation of sauropod dinosaurs from the Jurassic of Patagonia. Duration: 3 months. Role: Advisor.

2021. Florencia Barria Gonzalez. Universidad del Chubut, Argentina. Project: Laboratory techniques in the preparation of sauropod dinosaurs from the Jurassic of Patagonia. Duration: 3 months. Role: Advisor.

2020. Mónica Swidzinski. Universidad del Chubut, Argentina. Project: Laboratory techniques in the preparation of sauropod dinosaurs from the Jurassic of Patagonia. Duration: 3 months. Role: Advisor.
2020. Karina Rios. Universidad del Chubut, Argentina. Project: Laboratory techniques in the preparation of sauropod dinosaurs from the Jurassic of Patagonia. Duration: 3 months. Role: Advisor.
2020. Luisina Tagliaferri. Universidad del Chubut, Argentina. Project: Laboratory techniques in the preparation of sauropod dinosaurs from the Jurassic of Patagonia. Duration: 3 months. Role: Advisor.
2013. Joaquín Orgueira. Universidad Nacional de la Patagonia San Juan Bosco, Argentina. Project: Sauropod dinosaurs from the Middle Jurassic of Chubut. Duration: 6 months. Role: Advisor.
2009. Walter Mora. Universidad Nacional de la Patagonia San Juan Bosco, Argentina. Project: Techniques in Vertebrate Paleontology. Duration: 3 months. Role: Advisor.
2008. Noelia Uyua. Universidad Nacional de la Patagonia San Juan Bosco, Argentina. Project: Curation and preservation of MEF collection of fossil Odontoceti. Duration: 6 months. Role: Advisor.

PARTICIPATION IN EDITORIAL DUTIES

EDITORIAL COMMITTEES

- 2020-present Alternate Editor-in-chief, Ameghiniana, Asoc. Paleontológica Argentina.
- 2014-2019 Editor-in-chief, Ameghiniana, Asoc. Paleontológica Argentina.
- 2014-2016 Associate Editor, Journal of Vertebrate Paleontology.
- 2013-2020 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

Anatomical Record

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

Indiana University Press (Book division)

Journal of Vertebrate Paleontology

Journal of South American Earth Sciences
Journal of Paleontology
Memoirs of the Society of Vertebrate Paleontology
Nature
Nature Communications
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
Science Advances
Scientific Reports
Special Papers in Palaeontology
Systematic Biology
Zoological Journal of the Linnean Society
Zookeys

PARTICIPATION IN PROFESSIONAL SOCIETIES & MEETING

COMMITTEES IN GOVERNMENTAL SCIENCE AGENCIES

2023. Member of Committee of Promotion and Qualification of CONICET (Argentinean National Research Council).

2021. Member of Committee of Grants for Scientific Collections of CONICET (Argentinean National Research Council).
2020. Member of Committee of Grants for Scientific Collections of CONICET (Argentinean National Research Council).
2018. Member of Geology Network Evaluation Committee of CONICET (Argentinean National Research Council).
- 2017-2018. 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 FUNDING AND GOVERNMENTAL SCIENCE AGENCIES

- 2022. Peer reviewer for grant proposals for Royal Society (UK), University Research Fellowships program.
- 2022. External reviewer for faculty promotion Yale University (USA).
- 2022. Peer reviewer for grant proposals for NERC (UK).
- 2022. External reviewer for proposals for the NGS (National Geographic Society) Committee for Research and Exploration (Early Career Grants).
- 2021. Peer reviewer for grant proposals in Earth and Environmental Sciences, FONCyT PICT-2020 (Argentinean National Science Foundation).
- 2021. External reviewer for faculty promotion University College London (UK).
- 2021. Peer reviewer for grant proposals for Fonds de la Recherche Scientifique (FNRS, Belgium).
- 2021. Peer reviewer for grant proposals for Deutsche Forschungsgemeinschaft (German Research Foundation).
- 2021. External reviewer for faculty promotion Yale University (USA).
- 2021. Peer reviewer for Leverhulme Trust (UK) for research proposals.
- 2021. Peer reviewer for NRF (National Research Foundation- South Africa) for quality research outputs of scientists.
- 2020. External reviewer for proposals for the NGS (National Geographic Society) Committee for Research and Exploration.
- 2019. External reviewer for proposals for the NGS (National Geographic Society) Committee for Research and Exploration.
- 2019. External reviewer for faculty promotion State University of New York (USA).
- 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.
- 2015. Peer reviewer for proposals for ANII (Agencia Nacional de Investigación e Innovación- Uruguay).

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

May 26-28, 2022	35th Jornadas Argentinas de Paleontología de Vertebrados Organizing Committee MEF-Conicet Trelew, Argentina
May 25-27, 2021	34th Jornadas Argentinas de Paleontología de Vertebrados Scientific Committee IANIGLA-Conicet Mendoza, Argentina
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-Americano de Paleontología 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

UNDERGRADUATE COURSES

- Fall 2021 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course “Vertebrate Paleontology”
Lecturers: Dr. Diego Pol and Dr. Julians Sterli
Professor
- 2019-2022 Universidad del Chubut, Argentina
Undergraduate course “Digital techniques in Paleontology”
Lecturer: Dr. Diego Pol
Professor
- 2017- 2023 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course “Evolution”
Lecturers: Dr. Marcelo Tejedor, Dr. Diego Pol and Dr.
Alejandra Pagani
Professor
- Winter 2016 University of Chicago, USA
Undergraduate course “Morphology in Time and Space”
Lecturer: Dr. Diego Pol

Visiting Professor

- 2008-2016 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course “Paleobiology”
Lecturer: Dr. Diego Pol and Dr. Alejandra Pagani
Lecturer
- 2009-2012 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course “Phylogenetic Systematics”
Lecturer: Dr. Diego Pol
Lecturer
- Fall 2011 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course “Vertebrate Paleontology”
Lecturer: Dr. Diego Pol and Dr. Juliana Sterli
Lecturer
- Fall 2009 Universidad Nacional de Patagonia San Juan Bosco,
Argentina
Undergraduate course “Vertebrate Paleontology”
Lecturer: Dr. Diego Pol and Dr. Juliana Sterli
Lecturer
- 2001-2003 Columbia University, US
Undergraduate course on “Dinosaurs and the History of
Life”
Lecturer: Prof. P.E. Olsen
Teaching Assistant
Including laboratory and lectures duties

GRADUATE COURSES

- April 4-8, 2018 Institute of Vertebrate Paleontology and Paleoanthropology,
Beijing, China
Graduate course on “Cladistic analysis in TNT”
Lecturer: Dr. Pablo Goloboff, Diego Pol, Michael Pittman
Professor
- 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

- April 24-28, 2017 Universidade de Sao Paulo, Brazil
Graduate course on “Tetrapod anatomy and phylogeny”
Lecturer: Dr. Diego Pol, Dr. Hussam Zaher
Lecturer
- September 6-13, 2015 Museo Palenotológico Egidio Feruglio
Graduate course on “Cladistic analysis and its applications
to Paleontology”
Lecturer: Dr. Diego Pol, 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
- Sept. 14-16, 2010 Institute of Vertebr. Paleontol. Paleoanthr, Beijing, China
Workshop “TNT and cladistic analysis applied to
Paleontology”
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
- Aug. 18-22, 2009 Asociación Paleontológica Argentina
Graduate course on “Cladistic analysis and its applications
to Paleontology”
Lecturer: Dr. Diego Pol
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
- July 20-27, 1999 Universidad Nacional de Córdoba, Argentina
Graduate course on “Methods of phylogenetic analysis”
Lecturer: Dr. Pablo A. Goloboff
Teaching assistant
- August 16-19, 1997 Sociedad Argentina de Botánica, Argentina
Facultad de Agronomía, Universidad de Buenos Aires
Taller practico de analisis cladistico
[Practical workshop on cladistic analysis]
Teaching assistant

SCIENTIFIC DIVULGATION, OUTREACH, AND COMMUNITY ACTIVITIES

ONLINE COURSES FOR GENERAL AUDIENCE

- 2020-2021 Co-developer of Seminar on Science “Dinosaurs”, an online 6-week course for K-12 teachers organized by the American Museum of Natural History (coauthored with Dr. Norell).
- 2019-2021 Instructor and co-developer of edX MOOC course “Dinosaur Ecosystems”. Free online 6-week course organized by the University of Hong Kong. Students enrolled: 20,000.
- 2018-2021 Annual participation as scientist in the online course “Earth: inside out” for K-12 teachers organized by the American Museum of Natural History (Education Department).
- 2001-2018 Annual participation as scientist in the online course “Dinosaurs among us” for K-12 teachers organized by the

American Museum of Natural History (Education Department).

- 2001 Participation in the development of 6-week online course on theropod dinosaurs for K-12 teachers. Organized by the National Center of for Science Literacy, Education and Technology (in collaboration with Dr. Norell).

POPULAR BOOKS AND MAGAZINE ARTICLES

- 2019 “Titanosaur: Discovering the world’s largest dinosaur” by Carballido, Pol, Gigena. Non-fiction book for children (early readers) published by Scholastic, INC. Finalist for the 2019 International Latino Book Awards.
- 2017 “*Patagotitan*, el dinosaurio más grande del mundo?” by Carballido, Pol. Popular article in the magazine *Ciencia Hoy* (vol 27, number 157; Spanish version) and in the magazine *La Recherche* (French version).
- 2009 Coauthor of the manual for K-12 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.

PARTICIPATION IN BOOKS, TV, VIDEOS, AND DOCUMENTARY FILMS

- 2022 Participation in article “How can we know about dinosaur’s social lives” in the online *Science Journal for kids*.
<https://www.sciencejournalforkids.org/articles/how-can-we-know-about-dinosaurs-social-lives/>
- 2021 Featured scientist in “Explorers Academy”, book for children Published by National Geographic Kids.
- 2021 Featured scientist at “Storyworks: Finding a Giant”, Scholastic Inc., New York
- 2020 Participation in “Why now is the golden age of Paleontology?”. National Geographic Youtube video Nat Geo Explores. Views: >75,000 views.
<https://www.youtube.com/watch?v=ng9zG6a0DV&t=195s>
- 2020 Participation in “Why the dinosaurs’ extinction is an ongoing puzzle?”. National Geographic Youtube video Nat Geo

- Explores. Views: >100,000 views.
<https://www.youtube.com/watch?v=nsTXZuPKuAU>
- 2020 Featured scientist in “Polar Extremes” Nova PBS produced film of 115 minutes on the finding of Patagonian dinosaurs at the end of the Cretaceous.
- 2019 Featured scientist in “When whales walked: journeys in Deep Time” PBS produced film on the finding of crocodiles in the Cretaceous and Paleocene of Patagonia.
- 2017 Participation in “This is the largest dinosaur ever found”. National Geographic Youtube video. Views: >265,000 views. <https://www.youtube.com/watch?v=yQ59YJza4pk>
- 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.
- 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 three TV stations of the National Public Television (Argentina), Encuentro, and Tec-TV.
- 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.
- 2012 Featured scientist at the National Public TV program “Misión Aventura”, documentary for children for the public TV station Paka-Paka, Argentina.
- 2011 Featured scientist at the National Public TV program “Diario de Viaje”, documentary for children for the public tv station Paka-Paka, Argentina.
- 2007 Invited scientists to the radial documentary cycles "Ecos de la Patagonia" dedicated to paleontology, with focus on

recent findings of Patagonia. Puerto Madryn, Chubut, Argentina.

PUBLIC TALKS AND OUTREACH ACTIVITIES

- October 2021 Participation in “Ask Me Anything about Dinosaurs” at the National Geographic Reddit during Hispanic Latinx Heritage Month.

https://www.reddit.com/r/askscience/comments/q36m27/ask_science_ama_series_im_diego_pol_a/
- March 2021 “The link between giant dinosaurs, volcanoes, and climate change in the Jurassic” Virtual Talk at Paleofest 2021 oriented to the general public, Burpee Museum of Natural History, IL, USA.
- April 2020 Video talk “Descubrimiento de Dinosaurios con Diego Pol”. National Geographic Education Youtube video Explorer Classroom (Spanish). Views: >1,500 views.
https://www.youtube.com/watch?v=vSevrSp4T_g&t=230s
- April 2020 Video talk “La evolución de los dinosaurios. La historia desde una perspectiva patagónica”. Hosted by Silvio Casadío with Diego Pol and Leonardo Salgado. Universidad Nacional de Río Negro Youtube (Spanish). Views: >280 views.
<https://www.youtube.com/watch?v=J595F8lxgpY&t=247s>
- April 2020 Video talk “Dinosaur Discovery with Diego Pol”. National Geographic Education Youtube video Explorer Classroom (English). Views: >1,500 views.
<https://www.youtube.com/watch?v=TnhV2aB15PI&t=440s>
- May 2019 Public conference “Why Dinosaurs matter?”. Talk oriented to the general public. Audience: 400 people. American Museum of Natural History, New York, USA.

<https://www.amnh.org/explore/news-blogs/podcasts/scicafe-why-dinosaurs-matter-diego-pol>
- March 2019 Invited talk at the Explorer’s Symposium – National Geographic Society. Audience: 200 people. Mexico DF, Mexico.

- April 2018 Public conference “Gigantism in Herbivorous Dinosaurs”. Talk oriented to the general public. Audience: 50 people. Indian Statistical Institute, Kolkata, India.
- 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* virtual conference in the special public event (with D. Barta). American Museum of Natural History, New York, USA.
- <https://www.amnh.org/explore/news-blogs/news-posts/meet-patagotitan-mayorum>
- 2014-2017 Public talks at “Tecnópolis-Conicet”, science and technology Argentinean exhibition. Organized by the Ministry of Science, Argentina. Participation 4,000,000 people. Tecnópolis, Buenos Aires, Argentina.
- 2007-2017 Participation in “Mef Invita”. Open-house weekend in which the researchers guided visitors through the exhibit, labs, and collection of the Museum. Average annual 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 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.
- October-Dec. 2011 Participation in outreach 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.
- December 2010 Award Jury in the “Chevron Award for scientific divulgation essay on Patagonian Dinosaurs. Organized by Centro Paleontológico Barreales, Neuquén, 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 International Museum Day at Mef. Public Conference: “Dinosaur Evolution and the importance of museum collections”. 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

April 2006

Public talk at “Café Científico at MEF” on the Dinosaur origins of Birds. Organized by MEF, Trelew, Argentina

SELECTED MEDIA COVERAGE OF FINDINGS AND PUBLICATIONS

- 2021 Article: Earliest evidence of gregarious dinosaurs
The Independent: [Over 100 dinosaur eggs discovered in Argentina](#)
The New York Times: [Dinosaurs May Have Been Socializing Nearly 200 Million Years Ago](#)
The Times: [Dinosaur find in Argentina shows they were a society of softies](#)
The Australian: [Herbivore dinosaur happy families 193 million years old](#)
National Geographic: [Fossil bonanza reveals earliest evidence of dinosaurs living in herds](#)
New Scientist: [Dinosaurs lived in herds 40 million years earlier than we thought](#)
Live Science: [Jurassic graveyard reveals oldest evidence that dinosaurs traveled in herds](#)
Science News: [Some dinosaurs may have lived in herds as early as 193 million years ago](#)
Gizmodo: [Stunning Trove of Jurassic Fossils Is Earliest Evidence of Herd Behavior in Dinosaurs](#)
CBC: [Scientists find oldest fossils of dinosaurs living in a herd](#)
Der Spiegel: [Researchers find gigantic dinosaur graveyard](#)
CNN: [Patagonian fossils show Jurassic dinosaur had the herd mentality](#)
Smithsonian: [Paleontologists Unearth the Oldest Evidence of Herd Behavior in Dinosaurs](#)
Le Monde:
https://www.lemonde.fr/sciences/video/2021/11/05/des-bebes-dinosaures-en-bande-organisee_6101107_1650684.html
- 2020 Article: Early Jurassic dinosaurs and global warming
SciNews: <http://sci-news.com/paleontology/bagualia-alba-09102.html>
Science News:
<https://www.sciencenews.org/article/long-necked-dinosaurs-sauropod-jurassic-herbivores>
SciTech:
<https://scitechdaily.com/some-like-it-hot-global-warming-triggered-the-evolution-of-giant-dinosaurs/>
TheHindu:
<https://www.thehindu.com/sci-tech/energy-and-environment/twice-hit-by-climate-change/article33150490.ece>
France24:
<https://www.france24.com/en/live-news/20201119-climate-change-devastated-dinosaurs-not-once-but-twice>
Radio Canada:
<https://ici.radio-canada.ca/nouvelle/1750518/eusauropodes-domination-activite-volcanique-changement-climatique>
SyFy: <https://www.syfy.com/syfy-wire/long-necked-dinosaurs-overlords-of-the-planet-volcanoes>
National Geographic Russia:
<https://nat-geo.ru/science/paleontology/kak-krupnye-dlinnosheie-dinozavry-stali-pravit-sredi-travyadnyh-yurskogo-perioda/>
- 2020 Article: The first dinosaur egg was soft
Natural History:
<https://www.nhm.ac.uk/discover/news/2020/july/dinosaur-diaries-first-dinosaur-eggs-were-soft.html>
New York Times: <https://www.nytimes.com/2020/06/17/science/dinosaurs-soft-eggs.html>
Science News:
<https://www.sciencenews.org/article/fossil-discoveries-suggest-earliest-dinosaurs-laid-soft-shelled-eggs>

National Geographic:

<https://www.nationalgeographic.com/science/article/first-dinosaurs-laid-soft-eggs>

CBC: <https://www.cbc.ca/news/canada/calgary/dino-egg-dinosaur-alberta-fossilized-1.5615799>

Smithsonian:

<https://www.smithsonianmag.com/smart-news/first-soft-shelled-dinosaur-eggs-found-180975137/>

2019 Article: *Asfaltovenator vialidadi*

Smithsonian:

<https://www.smithsonianmag.com/science-nature/meat-eating-dinosaurs-carnivorous-180974525/>

La Nación:

<https://www.lanacion.com.ar/ciencia/asfaltovenator-vialidadi-hallan-patagonia-uno-mas-antiguos-nid2314701/>

2018 Article: *Ingentia prima*

National Geographic:

<https://www.nationalgeographic.com/science/article/largest-dinosaur-ever-titanosaur-fossil-patagotitan-science>

USA Today:

<https://www.usatoday.com/story/news/nation-now/2018/07/11/fossil-first-giant-dinosaur-discovered-argentina/774493002/>

SciNews:

<http://www.sci-news.com/paleontology/ingentia-prima-giant-dinosaur-argentina-06189.html>

ABC:

<https://www.abc.net.au/news/science/2018-07-10/new-giant-dinosaur-fossil-discovery-argentina-jurassic-triassic/9950110>

Reuters: <https://www.reuters.com/article/us-science-dinosaur-idUSKBN1K01SX>

Spiegel:

<https://www.spiegel.de/wissenschaft/natur/die-ersten-riesigen-langhals-saurier-lebten-in-der-trias-a-1216889.html>

2017 Article: *Patagotitan mayorum*

National Geographic:

<https://www.nationalgeographic.com/science/article/largest-dinosaur-ever-titanosaur-fossil-patagotitan-science>

Phys.org: <https://phys.org/news/2017-08-patagotitan-mayorum-biggest-dinosaur.html>

SciNews: <http://www.sci-news.com/paleontology/patagotitan-mayorum-05121.html>

Nature: <https://www.nature.com/articles/d41586-017-02367-y>

The Washington Post:

<https://www.washingtonpost.com/news/speaking-of-science/wp/2017/08/09/which-dinosaur-is-the-biggest-theres-a-new-contender-and-its-alarmingly-large/>

2015 Discovery *Patagotitan mayorum*

NPR:

<https://www.npr.org/sections/thetwo-way/2014/05/18/313608255/a-giant-among-dinosaurs-discovered-in-argentina>

BBC: <https://www.bbc.com/news/science-environment-27441156>

USA Today:

<https://www.usatoday.com/story/tech/2014/05/17/newser-biggest-dinosaur-ever/9211865/>

The independent:

<https://www.independent.co.uk/news/science/world-s-biggest-dinosaur-found-patagonia-9391304.html>

CBS:

<https://www.cbsnews.com/news/scientists-discover-largest-dinosaur-ever-to-have-walked-the-earth/>

Time: <https://time.com/103722/biggest-dinosaur-argentina/>

Fox: <https://www.foxnews.com/science/fossils-of-giant-titanosaur-found-in-argentina>

Smithsonian:

<https://www.smithsonianmag.com/smart-news/biggest-dinosaur-walk-earth-will-soon-be-museum-180956749/>

Wired: <https://www.wired.com/2015/09/cram-worlds-biggest-dinosaur-museum/>

2012 Article: *Eoabelisaurus mefi*

Phys.org: <https://phys.org/news/2012-05-dinosaur-tiny-arms-unearthed-argentina.html>

Smithsonian:

<https://www.smithsonianmag.com/science-nature/new-dinosaur-signifies-dawn-of-stubby-armed-predators-104531950/>

LiveScience:

<https://www.livescience.com/20508-stubby-armed-dinosaur-tyrannosaurus-rex.html>

El Universo:

<https://www.eluniverso.com/2012/05/23/1/1430/un-gran-dinosaurio-depredador-vivio-patagonia-argentina.html/>

Spiegel:

<https://www.spiegel.de/wissenschaft/natur/forscher-entdecken-abelisauriden-fossil-in-suedamerika-a-834629.html>

2011 Article: *Leoneerasaurus taquetrensis*

Nature: <https://www.nature.com/articles/475159a>

EuropaPress:

<https://www.europapress.es/ciencia/laboratorio/noticia-descubren-argentina-eslabon-perdido-sauropodos-20110127164839.html>

Futura:

<https://www.futura-sciences.com/planete/actualites/paleontologie-ancetre-dinosaures-geants-avait-taille-chien-29748/>

SCIENTIFIC CONSULTANT FOR BOOKS AND TV PROGRAMS

- | | |
|-----------------|--|
| March-July 2021 | Scientific consultant for the cartoon series “Dinosaur Pops”, developed by Cisneros Inc. for NBC (USA). |
| June 2020 | Scientific consultant for the book “Everything Awesome about Dinosaurs”, Scholastic Inc., New York |
| 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)*

- Feb 2023 Grant-in-aid ANPCyT (Argentinean National Agency for Promotion of Science). Project: The last 200 million years of evolution in Crocodyliformes: skull adaptations to different lifestyles and habitats.
Grant awarded: \$41,915. PI: Diego Pol
- April 2022 National Geographic Society Grant NGS-92822R-22. Project: The End of the Dinosaur Era in Patagonia.
Grant awarded: \$ 348,918. PI: Diego Pol
- October 2020 Grant-in-aid ANPCyT (Argentinean National Agency for Promotion of Science). Project: Evolutionary and biogeographical patterns of archosaurs in the Jurassic of Patagonia.
Grant awarded: \$18,460. PI: Diego Pol
- 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*)

March 2020 ANPCyT Grant PICT 2019-0456. “Sauropodomorfos, fauna asociada, y paleoambientes del Mesozoico temprano de Argentina”.

Grant awarded: \$ 18, 750. PI: Alejandro Otero.

June 2019 DFG Grant 450830809. “Pterosaurs from the latest Early and early Middle Jurassic of Argentina and the origin of the Pterodactyloidea”.

Grant awarded: \$ 128,000. PI: Oliver Rauhut.

June 2019 ANPCyT Grant PICT 2018-1186. “Primer análisis filogenético integral de los arcosauromorfos basales: una herramienta para explorar sus patrones macroevolutivos en torno a las extinciones masivas del Pérmico-Triásico y Triásico-Jurásico”.

Grant awarded: \$ 13,010. PI: Martín Ezcurra.

June 2019 ANPCyT Grant PICT 2018-1848. “Origen, extinción y patrones de diversificación de los meiolaniformes y pan-quélicos (Testudinata) durante el intervalo Cretácico-Paleógeno en el sur de Sudamérica”.

Grant awarded: \$ 13,142. PI: Juliana Sterli.

Jan 2018 NSF Grant 1754596. “Ecomorphological diversification and the origin of phenotypic disparity in crocodile-line archosaurs”.

Grant awarded: \$ 418,414. PI: Alan Turner.

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 2018 ANPCyT Grant PICT 2017-1925. “La fauna de saurópodos del Cretácico “medio” de la Patagonia: Evolución y diversificación de los Rebbachisauridae y Somphospondyli, aspectos evolutivos y ecológicos”.

- Grant awarded: \$ 14,010. PI: José Luis Carballido.
- 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 Physterioidea (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 geo-paleontológicas".
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 & RECOGNITIONS

- September 2022 Recognition to the discovery of the breeding site of *Mussaurus patagonicus*, recognition awarded by the Senate of Argentina.
- November 2021 Declaration of Cultural and Scientific interest to the discovery of the breeding site of *Mussaurus patagonicus*, recognition awarded by the Senate of the Santa Cruz Province.

- October 2020 Humboldt Bessel Award, Alexander von Humboldt Foundation, in recognition of accomplishments in research.
- October 2014 Houssay Award, Argentinean National Ministry of Science and Technology, to best researcher in Earth Sciences under 45 years.
- September 2012 Burmeister Award, Academia Nacional de Ciencias to best young researcher in Geology and Paleontology.
- December 2009 Pedro Stipanovic Award, Academia Nacional de Ciencias Exactas, Físicas y Naturales to the best young researcher in Earth Sciences.
- 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.

ACADEMIC HONORIFIC AFFILIATIONS

- 2017-2020 Adjunct Assistant Professor, Cornell University, USA.
- 2016 Tinker Visiting Professor, Winter Quarter, The University of Chicago, USA.
- 2014 Visiting Professor, Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brasil.
- 2010 Visiting Professor, Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brasil.
- 2007-present Research Associate, Division of Paleontology, American Museum of Natural History, New York, USA.
- 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.

PALEONTOLOGICAL FIELD EXPERIENCE

- 2023 Expedition to Chubut province, Patagonia, Argentina
Leader
* Formations: La Colonia
* Financially supported by NGS
* Duration: 30 days
- 2022 Expedition to Chubut province, Patagonia, Argentina
Leader
* Formations: Cañadón Calcáreo, La Colonia, Salamanca
* Financially supported by DFG, NGS, ANPCyT
* Duration: 30 days
- 2021 Expedition to Chubut province, Patagonia, Argentina
Leader
* Formations: Cañadón Calcáreo, Cañadón Asfalto
* Financially supported by DFG, FEF
* Duration: 20 days
- 2021 Expedition to Río Negro province, Patagonia, Argentina
Leader
* Formations: Bajo de la Carpa (Late Cretaceous)
* Financially supported by ANPCyT
* Duration: 8 days
- 2020 Expedition to Chubut province, Patagonia, Argentina
Leader
* Formations: La Colonia (Late Cretaceous)
* Financially supported by DFG, ANPCyT, FEF
* Duration: 15 days
- 2019 Expedition to Chubut province, Patagonia, Argentina
Leader
* Formations: Canadon Calcáreo (Late Jurassic), La Colonia (Late Cretaceous)
* Financially supported by ANPCyT, DFG
* Duration: 30 days

- 2018 Expedition to Chubut province, Patagonia, Argentina
Leader
* Formations: Canadon Calcáreo (Late Jurassic), La Colonia (Late Cretaceous)
* Financially supported by ANPCyT
* Duration: 20 days
- 2017 Expedition to Chubut province, Patagonia, Argentina
Leader
* Formations: Canadon Asfalto (Early–Middle Jurassic)
* Financially supported by ANPCyT
* Duration: 20 days
- 2016 Expedition to Chubut province, Patagonia, Argentina
Leader
* Formations: Canadon Calcáreo (Late Jurassic)
* Financially supported by ANPCyT
* Duration: 7 days
- 2015 Expedition to Chubut province, Patagonia, Argentina
Leader
* Formations: Canadon Calcáreo (Late Jurassic)
* Financially supported by ANPCyT
* Duration: 30 days
- 2014 Expedition to Chubut and Santa Cruz provinces, Patagonia, Argentina
Leader
* Formations: Canadon Calcáreo (Late Jurassic)
El Tranquilo (Late Triassic)
* Financially supported by ANPCyT, National Geographic Soc, and MEF
* Duration: 30 days
- 2012 Expedition to Chubut and Santa Cruz provinces, Patagonia, Argentina
Leader
* Formations: Canadon Asfalto (Middle Jurassic)
El Tranquilo (Late Triassic)
* Financially supported by ANPCyT, National Geographic Soc, and MEF
* Duration: 45 days
- 2011 Expedition to Chubut Province, Central Patagonia, Argentina
Leader
* Formations: Canadon Calcáreo (Upper Jurassic)
Canadon Asfalto (Middle Jurassic)
Sarmiento (Eocene)
* Financially supported by ANPCyT, DFG, and MEF

- * Duration: 50 days
- 2010 Expedition to Chubut Province, Central Patagonia, Argentina
Leader
- * Formations: Canadon Calcareo (Upper Jurassic)
Canadon Asfalto (Middle Jurassic)
Sarmiento (Eocene)
 - * Financially supported by ANPCyT, DFG, and MEF
 - * Duration: 46 days
- 2009 Expedition to Chubut Province, Central Patagonia, Argentina
Leader
- * Formations: Canadon Calcareo (Upper Jurassic)
Canadon Asfalto (Middle Jurassic)
 - * Financially supported by ANPCyT, DFG, and MEF
 - * Duration: 49 days
- 2008 Expedition to Chubut Province, Central Patagonia, Argentina
Leader
- * Formations: Cerro Barcino (Lower Cretaceous)
Canadon Calcareo (Upper Jurassic)
Canadon Asfalto (Middle Jurassic)
 - * Financially supported by Jurassic Foundation, CONICET, Ministry of Education (Chubut Province), and MEF
 - * Duration: 52 days
- 2007 Expedition to Chubut Province, Central Patagonia, Argentina
Leader
- * Formations: Cerro Barcino (Lower Cretaceous)
Canadon Calcareo (Upper Jurassic)
Canadon Asfalto (Middle Jurassic)
Las Leoneras (Lower Jurassic)
Cerro Carnerero (Lower Jurassic)
 - * Financially supported by Jurassic Foundation, CONICET, and MEF
 - * Duration: 45 days
- 2004 Expedition to Chubut Province, Central Patagonia, Argentina
Participant
- * Formations: Canadon Asfalto (Middle Jurassic)
Las Leoneras (Lower Jurassic)
 - * Financially supported by Lampadian-Antorchas Foundation
 - * Led by Dr. M. J. Novacek and Dr. G.W. Rougier
 - * Duration: 25 days
- 2004 Expedition to Gobi dessert, Mongolia
Participant
- * Formations: Kughene Svita (Lower Cretaceous)

- * Financially supported by American Museum of Natural History
- * Led by Dr. M. J. Novacek and Dr. M.A. Norell
- * Duration: 35 days

2003 Expedition to Chubut Province, Central Patagonia, Argentina

Participant

- * Formations: Canadon Asfalto (Middle Jurassic)
Las Leoneras (Lower Jurassic)
La Colonia (Upper Cretaceous)
Salamanca (Paleocene)
- * Financially supported by Lampadian-Antorchas Foundation
- * Led by Dr. M. J. Novacek and Dr. G.W. Rougier
- * Duration: 25 days

2003 Expedition to Gobi dessert, Mongolia

Participant

- * Formations: Kughene Svita (Lower Cretaceous)
- * Financially supported by American Museum of Natural History
- * Led by Dr. M. J. Novacek and Dr. M.A. Norell
- * Duration: 50 days

2002 Expedition to Santa Cruz Province, Southern Patagonia, Argentina

Leader

- * Formations: Cañadon Largo (Upper Triassic)
Laguna Colorada (Upper Triassic)
Alto El Crodoba (Lower Jurassic)
- * Financially supported by American Museum of Natural History
- * Duration: 20 days

2002 Expedition to Chubut Province, Central Patagonia, Argentina

Participant

- * Formations: Canadon Asfalto (Middle Jurassic)
Portezuelo (Upper Cretaceous)
La Colonia (Upper Cretaceous)
- * Financially supported by Lampadian-Antorchas Foundation
- * Led by Dr. M. J. Novacek and Dr. G.W. Rougier
- * Duration: 25 days

2001 Expedition to Chubut Province, Central Patagonia, Argentina

Participant

- * Formations: Paso del Sapo (Upper Cretaceous)
Canadon Asfalto (Middle Jurassic)
- * Financially supported by Lampadian-Antorchas Foundation
- * Led by Dr. M. J. Novacek and Dr. G.W. Rougier
- * Duration: 25 days

- 2001 Expedition to Santa Cruz Province, Southern Patagonia, Argentina
Leader
- * Formations: Laguna Colorada (Upper Triassic)
Roca Blanca (Lower Jurassic)
 - * Financially supported by American Museum of Natural History
 - * Duration: 10 days
- 2001 Expedition to Gobi dessert, Mongolia
Participant
- * Formations: Djadoctha (Upper Cretaceous)
Nemegt (Upper Cretaceous)
 - * Financially supported by American Museum of Natural History
 - * Leded by Dr. M. J. Novacek and Dr. M.A. Norell
 - * Duration: 50 days
- 2000 Expedition to Chubut Province, Central Patagonia, Argentina
Participant
- * Formations: Paso del Sapo (Upper Cretaceous)
Canadon Asfalto (Middle Jurassic)
 - * Financially supported by Lampadian Foundation
 - * Leded by Dr. M. J. Novacek and Dr. G.W. Rougier
 - * Duration: 20 days
- 2000 Expedition to Gobi dessert, Mongolia
Participant
- * Formations: Djadoctha (Upper Cretaceous)
Nemegt (Upper Cretaceous)
 - * Financially supported by American Museum of Natural History
 - * Leded by Dr. M. J. Novacek and Dr. M.A. Norell
 - * Duration: 45 days
- 1999 Expedition to Rio Negro Province, NW Patagonia, Argentina
Co-Leader
- * Formations: Rio Colorado (Upper Cretaceous)
Rio Neuquen (Upper Cretaceous)
 - * Financially supported by FONCYT project PID CT 01386 (awarded to Dr. F. E. Novas)
 - * Duration: 20 days
- 1998 Expedition to Neuquen Province, North Patagonia, Argentina
Participant
- * Formation: Rio Neuquen (Turonian, Upper Cretaceous)
 - * Leded by: Dr. F. E. Novas
 - * Duration: 30 days
- 1998 Expedition to Rio Negro Province, NW Patagonia, Argentina
Co-Leader

- * Formation: Rio Colorado (Upper Cretaceous)
- * Financial support: Dr. F. E. Novas
- * Duration: 10 days

1997 Expedition to Mendoza and Santa Cruz Provinces, Argentina

Participant

- * Formations: Rio Neuquen (Upper Cretaceous), Mendoza Province
Loncoche (Upper Cretaceous), Mendoza Province
Pircala (Upper Cretaceous-Lower Paleocene), Mendoza
La Matilda (Upper Jurassic), Santa Cruz Province
Baquero (Upper Jurassic), Santa Cruz Province
Bajo Barreal (Middle Cretaceous), Santa Cruz Province
- * Leded by: Dr. J. F. Bonaparte
- * Duration: 30 days

1997 Expedition to La Rioja Province, NW of Argentina

Participant

- * Formation: Los Colorados (Upper Triassic)
- * Leded by: Lic. A. Arcucci and Dr. G. W. Rougier
- * Duration: 20 days

1996 Expedition to Neuquen Province, North Patagonia, Argentina

Participant

- * Formations: Rio Colorado (Upper Cretaceous), Rio Negro Province
La Amarga (Lower Cretaceous), Neuquen Province
Unnamed Aptian Formation, East of Neuquen Province
- * Leded by: Dr. J. F. Bonaparte
- * Duration: 45 days

1996 Expedition to La Rioja and Mendoza Provinces, Argentina

Participant

- * Formations: Puesto Viejo (Middle Triassic), Mendoza Province
Rio Blanco (Middle Triassic), Mendoza Province
Los Colorados (Upper Triassic), La Rioja Province
- * Leded by: Dr. G. W. Rougier
- * Duration: 30 days

1994-1995 Expedition to Rio Negro and Neuquen Provinces, North Patagonia,
Argentina

Participant

- * Formations: Rio Colorado (Upper Cretaceous), Rio Negro Province
Rio Neuquen (Upper Cretaceous), Neuquen Province
La Amarga (Lower Cretaceous), Neuquen Province
- * Leded by: Dr. J. F. Bonaparte
- * Duration: 60 days

- 1994 Expedition to La Rioja Province, NW of Argentina
Participant
- * Formation: Los Colorados (Upper Triassic)
 - * Led by: Dr. G. W. Rougier
 - * Duration: 20 days

LANGUAGES

English (TOEFL Computer Based score: 273)

Spanish (first language)

French (read and speak)

Portuguese (read)

Latin (grammar knowledge)