

Gregory F. Funston, PhD
funston@ualberta.ca
www.gregfunston.com

Curriculum Vitae

Current position:

Royal Society Newton International Fellow, University of Edinburgh, School of GeoSciences, Edinburgh, UK. Jan 2020–Dec 2021

Previous Academic Positions:

Postdoctoral Fellow, Department of Biological Sciences, University of Alberta. 2019-present.

Vanier Scholar, Department of Biological Sciences, University of Alberta. 2016–2019

Contract Lecturer, PALEO 419 (Half Semester – Synapsid Evolution), Department of Earth and Atmospheric Sciences, University of Alberta. 2015, 2016

Education:

Graduate: University of Alberta, Edmonton, AB. 2013–2019

- Doctor of Philosophy, Department of Biological Sciences, Systematics and Evolution
- Thesis: *The anatomy, systematics and evolution of Oviraptorosauria*. [Changed program from MSc to PhD January 2015]

Undergraduate: University of Alberta, Edmonton, AB. 2009-2013

- Honours in Paleontology with first class honours; graduating GPA: 3.9/4.0
- Undergraduate thesis: *Reconstructing the diet of a toothless dinosaur: evidence of herbivory in *Chirostenotes pergracilis**.
- Dean's Silver Medal in Science; First Class Standing (>3.5/4.0 GPA) 2010-2011, 2011-2012, and 2012-2013

High School: Ashbury College, Ottawa, ON. 2002-2009

- Full International Baccalaureate Bilingual Diploma, score of 33.
- Ontario Scholar, Graduating average: 90%

Contributions and Publications:

Peer-Reviewed Publications (* = *Not yet published*):

- 23*. Funston, G. F., Tsogtbaatar, Ch., Khishigjav, Ts., Kobayashi, Y., Sullivan, C., and Currie, P. J. "A new two-fingered dinosaur sheds light on the radiation of Oviraptorosauria". Royal Society Open Science manuscript RSOS-201184 [In Review].
- 22*. Panciroli, E., Funston, G. F., Holwerda, F., Maidment, S. C. R., Foffa, D., Larkin, N., Challands, T., dePolo, P. E., Goldberg, D., Humpage, M., Ross, D., Wilkinson, M., Brusatte, S. L. In Press. First dinosaur from the Isle of Eigg (Valtos Sandstone Formation, Middle Jurassic) Scotland. Earth and Environmental Science Transactions of the Royal Society of Edinburgh [Accepted July 14, 2020].
21. Funston, G. F. 2020. Caenagnathids of the Dinosaur Park Formation (Campanian) of Alberta, Canada: anatomy, osteohistology, taxonomy, and evolution. Vertebrate Anatomy Palaeontology Morphology 8: 105–153. <https://doi.org/10.18435/vamp29362>

20. Mohr, S. R., Acorn, J., Currie, P. J., and Funston, G. F. 2020. An ornithurine bird coracoid from the Late Cretaceous of Alberta, Canada. *Canadian Journal of Earth Sciences* [Published online 25 June 2020]. <https://doi.org/10.1139/cjes-2019-0202>
19. Rhodes, M. M., Funston, G. F., Currie, P. J. 2020. New material reveals the pelvic myology of Caenagnathidae (Theropoda, Oviraptorosauria). *Cretaceous Research* 114: 104251. <https://doi.org/10.1016/j.cretres.2020.104521>
18. Funston, G. F., Currie, P. J. 2020. New material of *Chiostenotes pergracilis* (Theropoda, Oviraptorosauria) from the Campanian Dinosaur Park Formation of Alberta, Canada. *Historical Biology* doi: <https://doi.org/10.1080/08912963.2020.1726908>.
17. Funston, G. F., Currie, P. J., Ryan, M. J., and Dong, Z.-M. 2019. Birdlike growth and mixed-age flocks in avimimids (Theropoda, Oviraptorosauria). *Scientific Reports* 9: 18816. <https://doi.org/10.1038/s41598-019-55038-5>
16. Funston, G. F., Wilkinson, R. D., LeBlanc, A. H., Wosik, M., and Currie, P. J. 2019. Histology of caenagnathid (Theropoda, Oviraptorosauria) dentaries and implications for development, ontogenetic edentulism, and taxonomy. *The Anatomical Record* <https://doi.org/10.1002/ar.24205>
15. Funston, G. F., and Currie, P. J. 2018. A small caenagnathid tibia from the Horseshoe Canyon Formation (Maastrichtian): implications for growth and lifestyle in oviraptorosaurs. *Cretaceous Research* 92: 220–230. DOI: <https://doi.org/10.1016/j.cretres.2018.08.020>
14. Funston, G. F., and Currie, P. J. 2018. The first record of eggshell from the Horseshoe Canyon Formation (Maastrichtian) of Alberta, Canada. *Canadian Journal of Earth Sciences* 55: 436–441. DOI: <https://doi.org/10.1139/cjes-2017-0273>
13. Funston, G. F., Mendonca, S. E., Currie, P. J., Barsbold, R. 2018. Oviraptorosaur anatomy, diversity, and ecology in the Nemegt Basin. *Palaeogeography, Palaeoclimatology, Palaeoecology* 494: 101–120. DOI: <https://doi.org/10.1016/j.palaeo.2017.10.023>
12. Funston, G. F., Mendonca, S. E., Currie, P. J., Barsbold, R. 2018. A dinosaur community composition dataset for the Late Cretaceous Nemegt Basin of Mongolia. *Data in Brief* 16: 660–666. DOI: <https://doi.org/10.1016/j.dib.2017.11.086>
11. Funston, G. F., Martin-Silverstone, E. G., and Currie, P. J. 2018. Correction: The first pterosaur pelvic material from the Dinosaur Park Formation (Campanian) and implications for azhdarchid locomotion. *FACETS* 3: 192–194. DOI: <https://doi.org/10.1139/facets-2018-0006>
10. Funston, G. F., Martin-Silverstone, E. G., and Currie, P. J. 2017. The first pterosaur pelvic material from the Dinosaur Park Formation (Campanian) and implications for azhdarchid locomotion. *FACETS* 2: 559–574. DOI: <https://doi.org/10.1139/facets-2016-0067>
9. Funston, G. F., Currie, P. J., Eberth, D. A., Ryan, M. J., Tsogtbaatar, Ch., Badamgarav, D., Longrich, N. R. 2016. The first oviraptorosaur (Dinosauria: Theropoda) bonebed: evidence of gregarious behaviour in a maniraptoran theropod. *Scientific Reports* 6: 35782. DOI: <https://doi.org/10.1038/srep35782>
8. Funston, G.F. and Currie, P.J. 2016. A new caenagnathid (Dinosauria: Oviraptorosauria) from the Horseshoe Canyon Formation of Alberta, Canada, and a reevaluation of the relationships of Caenagnathidae. *Journal of Vertebrate Paleontology* e1160910: 1-18 DOI: <https://doi.org/10.1080/02724634.2016.1160910>
7. Simoes, T. R., Funston, G. F., Vafaien, B., Nydam, R. L., Caldwell, M. W., and Doschak, M. R. 2016. Reacquisition of the lower temporal bar in sexually dimorphic lizards provides a rare

case of convergent evolution. *Scientific Reports* 6: 24087. DOI:
<https://doi.org/10.1038/srep24087>

6. Funston, G.F., Currie, P.J., and Burns, M.E. 2016. New elmsaur specimens from Alberta, Canada, and their relationship to the Mongolian *Elmisaurus rarus*. *Acta Paleontologica Polonica* 61(1): 159-173. DOI: <http://dx.doi.org/10.4202/app.00129.2014>
5. Currie, P.J., Funston, G.F., and Osmólska, H. 2016. New specimens of *Elmisaurus rarus* from Mongolia *Acta Paleontologica Polonica* 61(1): 143–157. DOI: <http://dx.doi.org/10.4202/app.00130.2014>
4. Funston, G.F., Persons, W.S., Bradley, G.J., and Currie, P.J. 2015. New material of the large-bodied caenagnathid *Caenagnathus collinsi* from the Dinosaur Park Formation of Alberta, Canada. *Cretaceous Research* 54: 179–187. DOI: <https://doi.org/10.1016/j.cretres.2014.12.002>
3. Persons, W.S., Funston, G.F., Currie, P.J., and Norell, M.A. 2015. A possible instance of sexual dimorphism in the tails of two oviraptorosaurs. *Scientific Reports* 5: 9472 DOI: <https://doi.org/10.1038/srep09472>
2. Torices, A., Funston, G.F., Kraichy, S., and Currie, P.J. 2014. The first appearance of *Troodon* in the Upper Cretaceous site of Danek Bonebed, and a reevaluation of troodontid quantitative tooth morphotypes. *Canadian Journal of Earth Sciences* 51: 1039–1044. DOI: <https://doi.org/10.1139/cjes-2014-0071>
1. Funston, G.F., and Currie, P.J. 2014. A previously undescribed caenagnathid mandible from the late Campanian of Alberta, and insights into the diet of *Chirostenotes pergracilis* (Dinosauria: Oviraptorosauria). *Canadian Journal of Earth Sciences* 51: 156–165. DOI: <https://doi.org/10.1139/cjes-2013-0186>

Refereed abstracts:

26. Funston, G. F., *et al.* 2020. New information on the rise of mammals. *Vertebrate Anatomy, Morphology, Palaeontology (CSVP 2020 Abstracts)*: 38. [Talk abstract]
25. Funston, G. F. 2019. Stunted growth and mixed age flocks in avimimids (Theropoda, Oviraptorosauria). *Vertebrate Anatomy, Morphology, Palaeontology (CSVP 2019 Abstracts)*: 22. [Talk abstract]
24. Funston, G. F., and Currie, P. J. 2018. A small caenagnathid tibia from the Horseshoe Canyon Formation (Maastrichtian): implications for growth and lifestyle in oviraptorosaurs. *Journal of Vertebrate Paleontology* 38, Programs and Abstracts, 2018: 131. [Poster abstract]
23. Kobayashi, Y., Tsogtbaatar, Ch., Khishigjav, Ts., Takasaki, R., Tanaka, T., Currie, P. J., Funston, G. F., Yoshida, J., and Koppelhus, E. 2018. A new iguanodontian dinosaur with a “pygostyle” from the Lower Cretaceous Khukhteeg Formation of Dornogovi Province, Mongolia. *Journal of Vertebrate Paleontology* 38, Programs and Abstracts, 2018: 161. [Poster abstract]
22. Wilkinson, R., Funston, G. F., LeBlanc, A. R. H., Evans, D. C., Simon, D. J., Wosik, M., and Currie, P. J. 2018. A histological examination of the ontogeny of caenagnathid dentaries. *Vertebrate Anatomy, Morphology, Paleontology (CSVP 2018 Abstracts)*: 55. [Talk abstract]
21. Whitebone, S. A., Currie, P. J., and Funston, G. F. 2018. A new and unusual microfossil assemblage from the Horseshoe Canyon Formation of southern Alberta, Canada.

- Vertebrate Anatomy, Morphology, Paleontology (CSVP 2018 Abstracts): 54. [Talk abstract]
20. Powers, M., Mendonca, S., Rhodes, M., Wilkinson, R., Pruden, M., Currie, P. J., and Funston, G. F. 2018. Concretionary dinosaur footprints and the first report of a dinosaur trackway from the Horseshoe Canyon Formation, Alberta, Canada. Vertebrate Anatomy, Morphology, Paleontology (CSVP 2018 Abstracts): 43. [Talk abstract]
 19. Maranga, D.C.A., Funston, G. F., and Currie, P. J. 2018. An assemblage of flocking oviraptorids (Theropoda: Oviraptoridae) from the Late Cretaceous of southern Mongolia. Vertebrate Anatomy, Morphology, Paleontology (CSVP 2018 Abstracts): 35. [Poster abstract]
 18. Funston, G. F., and Currie, P. J. 2018. The first record of dinosaur eggshell from the Horseshoe Canyon Formation (Maastrichtian) of Alberta, Canada. Vertebrate Anatomy, Morphology, Paleontology (CSVP 2018 Abstracts): 24. [Talk abstract]
 17. Funston, G.F., Currie, P.J., Tsogtbaatar, Ch., Khishigjav, Ts., and Kobayashi, Y. 2018. A new didactyl oviraptorid provides evidence of social behaviour in a non-avian theropod. Vertebrate Anatomy Morphology Palaeontology (UofAPS 7th Biennial Symposium Abstracts): 18. [Talk abstract]
 16. Whitebone, S.A., Currie, P.J. and Funston, G.F. 2018. A new and unusual microfossil assemblage from the Horseshoe Canyon Formation of Alberta, Canada. Vertebrate Anatomy Morphology Palaeontology (UofAPS 7th Biennial Symposium Abstracts): 29. [Talk abstract]
 15. Powers, M., Mendonca, S., Rhodes, M., Wilkinson, R., Pruden, M., Currie, P.J. and Funston, G.F. 2018. First dinosaur trackway from the Horseshoe Canyon Formation of Alberta, Canada. Vertebrate Anatomy Morphology Palaeontology (UofAPS 7th Biennial Symposium Abstracts): 24. [Talk abstract]
 14. Maranga, D.C.A., Funston, G.F., and Currie, P.J. 2018. An assemblage of flocking oviraptorids (Theropoda, Oviraptoridae) from the Late Cretaceous of southern Mongolia. Vertebrate Anatomy Morphology Palaeontology (UofAPS 7th Biennial Symposium Abstracts): 22. [Poster abstract]
 13. Wilkinson, R., Funston, G. F., and Currie, P.J. 2018. Ontogenetic variation in the bone histology of caenagnathid mandibular symphyses. Vertebrate Anatomy Morphology Palaeontology (UofAPS 7th Biennial Symposium Abstracts): 31. [Poster abstract]
 12. Funston, G. F., Currie, P. J., and Tsogtbaatar, Ch. 2017. A new oviraptorid (Dinosauria: Theropoda) provides a rare glimpse into social behaviour in dinosaurs. Journal of Vertebrate Paleontology 37, Programs and Abstracts, 2017: 116. [Talk Abstract]
 11. Rhodes, M. M., Currie, P. J., and Funston, G. F. 2017. Theropod pelvic musculature and the transition to knee-driven locomotion. Journal of Vertebrate Paleontology 37, Programs and Abstracts, 2017: 183. [Poster Abstract]
 10. Wilkinson, R. D., Funston, G. F., and Currie, P. J. 2017. Ontogenetic variation in the bone histology of caenagnathid mandibular symphyses. Journal of Vertebrate Paleontology 37, Programs and Abstracts, 2017, 213. [Poster Abstract]
 9. Funston, G. F., Currie, P. J., and Tsogtbaatar, Ch. 2017. A new oviraptorid (Dinosauria: Theropoda) provides a rare glimpse into social behaviour in dinosaurs. Vertebrate Anatomy, Morphology, Paleontology 4, CSVP 2017 Abstracts: 22. [Talk Abstract]

8. Rhodes, M. M., Currie, P. J., and Funston, G. F. 2017. Theropod pelvic musculature and the transition to knee-driven locomotion. *Vertebrate Anatomy Morphology Palaeontology* (CSVP 2017 Abstracts): 39.
7. Wilkinson, R. D., Funston, G. F., and Currie, P. J. 2017. Ontogenetic variation in the bone histology of caenagnathid mandibular symphyses. *Vertebrate Anatomy Morphology Palaeontology* (CSVP 2017 Abstracts): 53.
6. Funston, G. F., Currie, P. J., Eberth, D. A., Ryan, M. J., Tsogtbaatar, Ch., Badamgarav, D., Longrich, N. R. 2016. The first oviraptorosaur (Dinosauria: Theropoda) bonebed: insights into social behaviour in a maniraptoran theropod. *Journal of Vertebrate Paleontology* 36: 141 [Poster Abstract]
5. Funston, G. F., Currie, P. J., Eberth, D. A., Ryan, M. J., Tsogtbaatar, Ch., Badamgarav, D., Longrich, N. R. 2016. A bonebed of *Avimimus* from the Late Cretaceous of Mongolia: insights into social behaviour in oviraptorosaurs. *Vertebrate Anatomy Morphology Palaeontology* 2 (CSVP 2016 Abstracts): 33 [Talk Abstract]
4. Funston, G. F., and P. J. Currie. 2015. An articulated caenagnathid skeleton from the Horseshoe Canyon Formation of Alberta, Canada, and its phylogenetic and paleobiological implications. *Journal of Vertebrate Paleontology* 35:129A. [Talk Abstract]
3. Funston, G. F., and P. J. Currie. 2014. New *Elmisaurus* (Dinosauria: Oviraptorosauria) material from Mongolia and Alberta, Canada, and its bearing on North American caenagnathid taxonomy. *Journal of Vertebrate Paleontology* 34:134A. [Talk Abstract]
2. Funston, G., Currie, P., Murray, A. 2013 Examining the diet of a toothless dinosaur: evidence supporting a herbivorous diet in *Caenagnathus* (Dinosauria: Oviraptorosauria). *Journal of Vertebrate Paleontology* 33:131A. [Poster Abstract]
1. Pounder, L.A., Twerdy, P.A., Funston, G.F., Timmer, E.R.D., Leighton, L.R. 2012. Evolutionary and functional significance of the fold and sulcus in suborder Productidina (Brachiopoda). *Geological Society of America Programs with Abstracts* 44(7): 474. [Talk Abstract]

Peer Reviews:

1. Lü, J. *et al.* 2016. A Late Cretaceous evolutionary radiation of Asian oviraptorid dinosaurs: evidence from a new species preserved in an unusual posture. *Scientific Reports* 6: 35780, doi: 10.1038/srep35780 [Reviewed April 2016]
2. Tsuihiji, T., *et al.* 2016. Dentaries of a caenagnathid (Dinosauria: Theropoda) from the Nemegt Formation of the Gobi Desert in Mongolia” *Cretaceous Research* 63: 148-153. [Reviewed Dec-Jan 2015-16]
3. Lü, J., *et al.* 2017. High diversity of the Ganzhou oviraptorid fauna increased by a new “cassowary-like” crested species. *Scientific Reports* 7: 6393, doi:10.1038/s41598-017-05016-6 [Reviewed March 2017]
4. McFeeters, B. *et al.* “Morphology and variation in ungual phalanges of North American ornithomimosaur (Dinosauria, Theropoda): implications for interpreting isolated elements”. *Vertebrate Anatomy, Morphology, Paleontology* [Reviewed April 2017]
5. Norell, M. *et al.* “A second specimen of *Citipati osmolskae* associated with a nest of eggs from Ukhaa Tolgod, Omnogov Aimag, Mongolia”. *American Museum Novitates* [Reviewed April 2017]
6. Wang, S. *et al.* 2018. Reevaluation of the dentary structure of caenagnathid oviraptorosaurs

- (Dinosauria, Theropoda). Scientific Reports 8: 391, doi:10.1038/s41598-017-18703-1 [Reviewed October–November 2017]
7. Yu, Y. *et al.* 2018. A new caenagnathid dinosaur (Theropoda: Oviraptorosauria) from the Upper Cretaceous Wangshi Group of Shandong, China, with comments on size variation in oviraptorosaurs. Scientific Reports 8: 5030, doi:10.1038/s41598-018-23252-2 [Reviewed November–December 2017]
 8. Qiu, R. *et al.* “A new caudipterid from the Lower Cretaceous of China with information of the evolution of oviraptorosauria” Scientific Reports Manuscript SREP-18-18198 [Reviewed June 2018]
 9. Ugalde, G. *et al.* 2018. A peculiar bonebed reinforces gregarious behaviour for the Triassic dicynodont *Dinodontosaurus*. Historical Biology DOI: [10.1080/08912963.2018.1533960](https://doi.org/10.1080/08912963.2018.1533960) [Reviewed July 2018]
 10. Angst, D. *et al.* “Sex and ontogenetic variation in the crest of *Numida meleagris*: implications for crested vertebrates” Anatomical Record Manuscript AR-SI-Dino-18-0322 [Reviewed October 2018/May 2019]
 11. Lee, S. *et al.* “A new baby oviraptorid dinosaur (Dinosauria: Theropoda) from the Upper Cretaceous Nemegt Formation of Mongolia” PLoS ONE Manuscript PONE-D-18-17541 [Reviewed October 2018]
 12. Zanno, L. *et al.* “A diminutive, fleet-footed tyrannosauroid narrows the 70-million-year gap in the fossil record of North American “tyrants”” Communications Biology Manuscript COMMSBIO-18-1183-T [Reviewed October 2018]
 13. Nowicki, S. *et al.* “Mapping and prediction of Dinosaur Fossil Localities in the Gobi at multiple spatial scales with multispectral UAS and satellite imagery” Drones manuscript drones-463400 [Reviewed February 2019]
 14. Lee, S. *et al.* “Hidden Diversity of alvarezsaurids in the Nemegt Formation of Mongolia” Scientific Reports manuscript number SREP-19-20920 [Reviewed July 2019]
 15. Yun, C.-G. “Heyuanninae clade nov., a replacement name for the oviraptorid subfamily “Ingeniinae” Barsbold, 1981” Zootaxa [Reviewed August 2019]
 16. Paul, G. “Why oviraptorosaur pubes resulted in their adopting a nesting biology that was both transitional towards those of birds, and divergent from other dinosaurs” Cretaceous Research Manuscript YCRES-2019-364 [Reviewed October 2019]
 17. Boyd, C., and Fowler, D. “A new oviraptorosaurian dinosaur from the Hell Creek Formation of North America” PeerJ Manuscript 45404 [Reviewed February 2020]
 18. Green, T., and Gignac, P. “Osteological description of casque ontogeny in the southern cassowary (*Casuarius casuarius*) using micro-CT imaging” Anatomical Record manuscript number AR-20-0065 [Reviewed March 2020]
 19. Aires, A.S., *et al.* “Ontogenetic patterns in fusion of dorsal vertebrae in Pterosauria and the oldest occurrence of the notarium” Journal of Anatomy manuscript number JANAT-2020-0236 [Reviewed May 2020]
 20. Baiano, M.A., and Cerda, I.A. “Paleohistology and microanatomy of *Aucasaurus garridoi* Coria Dingus Chiappe, 2002: inferences on lifestyle and growth strategy”. PLoS ONE Manuscript PONE-D-20-19245 [Reviewed July 2020]

Awards and Honours:

Bold: Major awards; *Italics:* Awards won but declined

Tenure	Award	Value
2020–2021	Royal Society Newton International Fellowship	£101,908
2019	CSVP Carroll Prize [Best Student Talk]	\$500
2018	NSERC Michael Smith Foreign Study Supplement	\$ 6,000
2018	University of Alberta Andrew Stewart Prize	\$ 5,000
2018	Dinosaur Research Institute Fieldwork Support Grant	\$ 2,200
2018	Dinosaur Research Institute Research Grant	\$ 2,500
2016-2019	President's Doctoral Prize of Distinction	\$ 10,000 (first year), tuition (years 2–3)
2016-2019	Vanier CGS	\$ 50,000 per annum
2016-2019	NSERC CGS-D	\$ 35,000 per annum
2017	Dinosaur Research Institute Fieldwork Support Grant	\$ 3284.92
2016	Alberta Historical Resources Foundation Roger Soderstrom Award	\$ 5,000
2016	Dinosaur Research Institute Fieldwork Support Grant	\$ 2,000
2016	Dinosaur Research Institute Research Grant	\$ 2,600
2015	Dinosaur Research Institute Research Grant	\$ 3,000
<i>2015</i>	<i>Royal Tyrrell Museum Cooperating Society Student Research Program Grant</i>	<i>\$ 875.70</i>
2015	Alberta Heritage Scholarship Fund Graduate Student Scholarship	\$ 3,000
2015	Department of Biological Sciences Excellence in Graduate Teaching Award	\$ 500
2015-2018	Alberta Innovates GSS	\$ 31,500 per annum
2015	Alberta Historical Resources Foundation Roger Soderstrom Award	\$ 5,000
2014	Profiling Alberta's Graduate Students Award	\$ 1,100
2014	Graduate Student Association Travel Grant	\$ 500
2014-2015	NSERC Alexander Graham Bell CGS-M	\$ 17,500
2014-2015	Alberta Innovates Technology Futures Top-Up Award	\$ 12,000
2014-2015	Walter H. Johns Graduate Fellowship	\$ 5253.54
2014	Dinosaur Research Institute Rene Vandervelde Travel Grant for SVP	\$ 1,250
2014	Dinosaur Research Institute Research Grant	\$ 3,000
2014	ISSS Award for Excellence in Teaching	N/A
2013-2014	Queen Elizabeth II Graduate Scholarship	\$ 10,800
2013-2014	University of Alberta Graduate Teaching Assistantship	\$ 23,250
2013	Dean's Silver Medal in Science	N/A
2013	R.E. Peters Conference Posters, Runner-Up	\$ 25
2012	Jurassic Forest Award in Vertebrate Paleontology	\$ 1,000

2012	University of Alberta Undergraduate Scholarship	\$ 1,250
2010-2013	Dean's Honour Roll, Faculty of Science, UAlberta	N/A
2009	University of Alberta Academic Excellence Scholarship	\$1,250
2009-2013	<i>Carleton University W.H. Collins Memorial Entrance Scholarship</i>	<i>\$ 16,000 per annum</i>
2009-2013	<i>Carleton University Entrance Scholarship</i>	<i>\$ 13,000 per annum</i>
2009	<i>University of Waterloo Earth Sciences Entrance Scholarship</i>	\$ 2,000
2007	Michael Smith Science Challenge Certificate of Excellence	N/A
2007	Cayley Mathematics Contest Certificate of Distinction	N/A
2006	Galileo Challenge Honourable Mention	N/A

Teaching Experience:

Paid Positions:

- **Contract Lecturer**, Department of Earth Sciences, University of Alberta (2015, 2016)
 - Primary instructor for PALEO 419 Synapsid section (half-course)
 - Responsibilities include lecture planning and delivery, creating and administering final examinations, and assigning course grades
- **Teaching Assistant**, Department of Biological Sciences, University of Alberta (2013-2014)
 - Instruction of two laboratory sections each of BIOL 108 and ZOOL 325
 - Responsibilities include teaching, in-lab guidance, and marking
 - Honoured with two Awards for Excellence in Teaching (see above)

Volunteer Positions:

- **Guest Lecturer**, PALEO 201 – University of Alberta (2014–19)

Student supervision:

Student	Course	Year	Project
Denise Maranga	BIOL 499	2018	A group of articulated oviraptorids
S. Amber Whitebone	BIOL 499	2018	Cranial biomechanics of <i>Dunkleosteus</i>
	BIOL 398/698	2017	Analysis of <i>Troodon</i> -rich microsites
Laszlo Locksai	BIOL 298	2017	Histology of tyrannosaur tooth pathologies
Ryan Wilkinson	BIOL 298	2016	Histology of caenagnathid mandibles
Mark Powers	BIOL 499	2016-17	Endocranial anatomy of a baby ceratopsian
	BIOL 399	2015	Estimating cursorial ability in theropods
Matthew Rhodes	BIOL 499	2015-16	Pelvic musculature of Albertan theropods

Public Lectures:

Date	Organization	Title	Length
Oct 2019	Society of Vertebrate Paleontology meeting, Brisbane	Anatomy, systematics, and evolution of Oviraptorosauria [Romer Prize Talk]	15 mins
Oct 2019	Tokyo Museum of Natural History and Science	Anatomy, systematics, and evolution of Oviraptorosauria [Invited Lecture]	30 mins
May 2019	Canadian Society of Vertebrate Palaeontology	Stunted growth and mixed-age flocks in avimimids [Carroll Prize Talk]	15 mins
May 2019	University of Edinburgh	Osteohistology of fossil tetrapods [Invited Lecture]	45 mins
May 2018	Canadian Society of Vertebrate Palaeontology	The first record of dinosaur eggshell from the Late Cretaceous Horseshoe Canyon Formation	15 mins
May 2018	Edmonton Lifelong Learning Association	Fieldwork and Research on the Dinosaurs of Mongolia	75 mins
Nov 2017	University of Alberta Palaeontological Society	Oviraptorosaurs: toothless, birdlike dinosaurs	75 mins
Oct 2017	Dinosaur Research Institute	Results of the 2017–17 field expeditions in the Red Deer River Valley	10 mins
Aug 2017	Society of Vertebrate Palaeontology meeting, Calgary	A new oviraptorid (Dinosauria, Theropoda) provides a rare glimpse into social behaviour in dinosaurs	15 mins
June 2017	Dinosaur Provincial Park	Oviraptorosaur ecology: a glimpse into the Late Cretaceous ecosystems of Asia and North America	60 mins
May 2017	Canadian Society of Vertebrate Palaeontology	A new oviraptorid from Mongolia: a rare glimpse into social behaviour in dinosaurs	15 mins
May 2016	Canadian Society of Vertebrate Palaeontology	A bonebed of <i>Avimimus</i> from the Late Cretaceous of Mongolia: insights into social behaviour in oviraptorosaurs	15 mins
May 2016	Edmonton Lifelong Learning Association	Dinosaur Behaviour: interpreting behaviour in extinct animals	60 mins
Feb 2016	R.E. Peter Conference	The first oviraptorosaur (Dinosauria, Theropoda) bonebed: evidence of social behaviour in a maniraptoran theropod	15 mins
Feb 2016	Aurora Charter School	Grade 7 Planet Earth: Fossil Formation	90 mins
Nov 2015	St. Catherine School	Grade 4 Alberta Fossils: Fossils and Palaeontology	90 mins
Nov 2015	New Horizons School	Grade 4 Alberta Fossils: Fossils and Palaeontology	90 mins

Nov 2015	Dinosaur Research Institute	Results of 2014–15 trips to Mongolia	10 mins
Oct 2015	University of Alberta Palaeontological Society	Mongolian Fieldwork	60 mins
Oct 2015	Society of Vertebrate Palaeontology meeting, Dallas	An articulated caenagnathid from the Horseshoe Canyon Formation of Alberta, and its phylogenetic and palaeobiological implications	15 mins
May 2015	Canadian Society of Vertebrate Palaeontology	An articulated caenagnathid from the Horseshoe Canyon Formation of Alberta	15 mins
Feb 2015	R.E. Peter Conference	A new toothless dinosaur from the Horseshoe Canyon Formation of Alberta	15 mins
Dec 2014	Museum Carmen Funes 30 th Anniversary Conference, Argentina	The mysterious oviraptorosaurs of North America, and steps towards understanding the toothless caenagnathids	20 mins
Oct 2014	Society of Vertebrate Palaeontology meeting, Berlin	New elmisaur specimens from Mongolia and Alberta and their bearing on oviraptorosaur palaeobiology	15 mins
Oct 2014	Alberta Palaeontological Society	The relationships and biology of Caenagnathidae, a family of North American oviraptorosaurs	45 mins
June 2014	Dinosaur Provincial Park	Mysterious toothless dinosaurs of Dinosaur Park	20 mins
May 2014	Edmonton Lifelong Learning Association	Dinosaur Parental Care	60 mins
Feb 2014	R.E. Peter Conference	Understanding Alberta's caenagnathids	20 mins
Feb 2015	BIOL 505 Seminar	The evolution of eusociality	60 mins
Oct 2013	University of Alberta Palaeontological Society	Understanding Alberta's caenagnathids	15 mins

Workshops:

- **Leader**, Scientific Writing Workshop—University of Alberta Dino Lab (Nov. 2018)
- **Co-leader**, Figure Creation Workshop—University of Alberta Dino Lab (Nov. 2018)
- **Leader**, 3D Modelling and Finite Element Analysis Workshop—University of Alberta Dino Lab (Nov. 2018)
- **Participant**, Claddis Workshop—Society of Vertebrate Paleontology Annual Meeting, Calgary (Aug. 2017)
- **Participant**, Paleohistology Workshop—University of Toronto (Dec. 2017)

Field Experience:

- **Expedition leader**, Tolman Badlands Heritage Preserve Fieldwork, 2015, 2016, 2017, 2018 (Horseshoe Canyon and Bearpaw Fms.) – Permits No. 15-029, No. 16-011, No. 17-008, No. 18-014
 - Oversaw conception, funding, planning, field activities, and reporting of four seasons of fieldwork
 - Two articles published in peer-reviewed journals and one in review resulting from expeditions
- **Field Crew experience:**
 - San Juan Basin, New Mexico, 2018 (Late Cretaceous–Eocene)
 - Western Gobi, Mongolia, 2018 (Nemegt Fm.)
 - Southern Gobi, Mongolia, 2017 (Shiluut Uul, ?Baynshiree Fm.)
 - Western Gobi, Mongolia, 2016 (Nemegt Fm.)
 - Eastern Gobi, Mongolia, 2014 (Baynshiree Fm.); 2015 (Khukhteeg Fm.)
 - Red Deer River Valley, Canada, 2015–2018 (Horseshoe Canyon Fm.)
 - Neuquen Province, Argentina, 2014 (Mulichinco Fm.)
 - Burgess Shale, Canada, 2014 (Stephen Fm.)
 - Dinosaur Provincial Park, Canada, 2014–2018 (Dinosaur Park Fm.)
 - Danek Bonebed, Canada, 2012; 2014–2018 (Horseshoe Canyon Fm.)
 - Midland Provincial Park, Canada, 2004-2011 (Horseshoe Canyon Fm.)

Other Experience:

Paid Positions:

- **Scientific Consultant**, DK Publishing
 - *Dinosaurs and Prehistoric Life*
- **Supervisor**, University of Alberta Volunteer Fossil Preparation Laboratory (2013–2019)
 - Train and supervise volunteer preparators
- **Palaeontological Consulting Assistant**, City of Edmonton (2014)
 - Assisted Dr. Miriam Reichel-Bodner in paleontological survey of Edmonton River Valley
- **Interpretive guide**, Jurassic Forest, Edmonton, AB (2013)
 - Educational programming for students of all ages
 - Educational programming for public audience of diverse backgrounds
 - Program and exhibition development
- **Research Assistant**, Carleton University (2012)
 - Research aide to Dr. Claudia Schröder-Adams
 - Creation of figures for publication
 - Identification and sorting of microfossil material
 - Extensive literature-based research using databases
- **Senior Councillor**, Encana Badlands Science Camp, Royal Tyrrell Museum, Drumheller, Alberta. (2007-2011)
 - An additional summer as a Councillor in Training, and another as a Leader in Training.

- Experience includes:
 - Teaching and leading children, both in classroom settings and in the field
 - Working with Special-Needs children, especially Asperger’s Syndrome, ADD, and ADHD.
 - Designing educational programs for both children and adults, presenting programs and training other staff

Media Coverage:

Note: not including duplicate articles from multiple sources

- March 5, 2019—Global News Radio: Alberta Paleontological Society Symposium
- **December 25, 2018—National Geographic Documentary: Il Cacciatore di Dinosauri [In Italian]**
- October 22, 2017—BBC Newsround: Snuggle up! Fossil shows dinos dozing together
- October 22, 2017—The Guardian: Not so nasty: dinosaurs liked to snuggle up and socialise
- **August 31, 2017—Nature: Roosting dinosaurs are a fossil first**
- August 31, 2017—Forskning & Framsteg: Dinosaurier sov i klump [In Swedish]
- August 25, 2017—Society of Vertebrate Paleontology: New dinosaur discovery suggests new species roosted together like modern birds
- August 25, 2017—LiveScience: Bird-like dinosaurs may have snuggled together as they slept
- November 16, 2016—Gateway Newspaper: *Avimimus* was a real social animal, study says
- October 25, 2016—Edmonton Sun: Fossil poaching threatens scientific study says U of A researcher
- October 31, 2016—Dinner TV: Birdlike dinosaur lived in flocks
- October 24, 2016—CBC TV Edmonton: Dinosaurs of a feather flocked together
- October 24, 2016—CBC radio Edmonton: Dinosaurs of a feather flocked together
- October 24, 2016—CBC radio Calgary: Dinosaurs of a feather flocked together
- October 24, 2016—Canadian Press: Feathered dinosaurs may have ‘flocked’ together like modern birds: study
- October 24, 2016—University of Alberta: Dinosaurs of a feather flocked together
- February 25, 2016—University of Alberta: Connecting the Cretaceous cradle of life
- Fall/Winter 2015—Contours Magazine vol 32: In our back yard
- November 9, 2015—Dinner TV: Live at DinoLab
- September 2, 2014—Gateway Newspaper: Dino fossils show link to birds
- September 1, 2014—Edmonton Journal: Toothless dinosaurs give researchers much to digest
- August 21, 2014—University of Alberta: Undergrad research unearths dino discovery
- May 7, 2014—Royal Tyrrell Museum: Encana Badlands Science Camp

Community Involvement:

Year	Role	Organization
2013-present	Student Member	Society of Vertebrate Paleontology
2013-present	Student Member	Canadian Society of Vertebrate Paleontology
2014-present	Supervisor	UALVP Volunteer Preparatory Lab

2015-2016	Graduate Student Representative	Dept. Bio. Sci. Courses/Curriculum Committee
2015-2016	Vice President Communications	University of Alberta Paleontological Society
2015	Tour Leader	Science FUNdamentals Dino-lab Tour
2015	Volunteer Station Presenter	Alberta Science Network – Queen Elizabeth High School, Edmonton, AB
2015	Activity Organizer and Leader	Let’s Talk Science Prehistoric Park Day
2015	Golden Mentor	University of Alberta
2014-15	Science Educator	Let’s Talk Science Harry Potter Day
2014-present	Lifetime Member	Golden Key International Honours Society
2013	Session Leader	Agrium Young Scientists Conference
2013-2014	Vice President	University of Alberta Paleontological Society
2012-2013	Vice President Social	University of Alberta Paleontological Society
2012-2013	Head Referee	Lister Dodgeball League
2010-2011	Team Captain	Lister Dodgeball League
2010-2012	Orientation Volunteer	Lister Hall Centre
2007	Leader	Ashbury College Amnesty International Group
2008-2011	Senior Councillor	Encana Badlands Science Camp
2007	Councillor-in-training	Encana Badlands Science Camp
2006	Leader-in-training	Encana Badlands Science Camp

Languages and Skills:

- Bilingual Diploma in English and French
- Extensive experience producing publication-grade illustrations (samples supplied upon request)
- Extensive experience producing fossil histological thin sections
- Extensive experience with computed tomography scanning, photogrammetry, and three-dimensional reconstruction
- Extensive experience in photography and videography using digital cameras and unmanned aerial vehicles
- Proficient in computer technology on both Windows and Mac platforms
- Experience using code-based statistical (R), phylogenetic (TNT), and design programs (Adobe Photoshop; Corel Draw)
- Comfortable and confident public speaker, with extensive experience presenting
- First aid certified, WHMIS certified, Professional Driver’s Licence

References can be supplied upon request.