

Jordan Cole Mallon
Ph.D. student, University of Calgary

Institutional

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ACADEMIC HISTORY

- 2006-present **Ph.D.**, Department of Biology, University of Calgary.
Thesis title: *Evolutionary Palaeoecology of the Herbivorous Dinosaur Assemblages from the Dinosaur Park Formation (Campanian) of Alberta, Canada.*
Thesis advisor: Jason S. Anderson.
- 2001-2005 **B.Sc., Highest Honours**, Geology, Concentration in Vertebrate Palaeontology and Palaeoecology, Carleton University
Thesis title: *A reevaluation of sexual dimorphism in the postcranium of the chasmosaurine ceratopsid Chasmosaurus belli (Dinosauria, Ornithischia) with a general description of skeleton morphology.*
Thesis advisor: Robert B. Holmes.

SELECTED HONOURS AND AWARDS

- 2008 **Dean's Research Excellence Award**, University of Calgary (\$3,000 CDN).
2008 **Alberta Advanced Education and Technology Graduate Student Scholarship**, University of Calgary (\$2,000 CDN).
2006 **ACCESS funding**, University of Calgary (\$15,000 CDN).
2005 **Morley E. Wilson Scholarship**, Carleton University (\$1,000 CDN).
2004 **George Fierheller Scholarship**, Carleton University (\$1,000 CDN).
2003-4 **Deans' Honour List**, Carleton University.
2003 **General In-course Scholarship**, Carleton University (\$1,000 CDN).
2001 **Entrance Scholarship**, Carleton University (\$1,000 CDN).

GRANTS RECEIVED

- 2006 *Inferring Resource Partitioning Among the Herbivorous Dinosaurs of the Belly River Group of Alberta, Canada.* Research Grant, **Jurassic Foundation** (\$4,609 USD).
- 2007 *Inferring Resource Partitioning Among the Herbivorous Dinosaurs of the Belly River Group of Alberta, Canada.* Research Grant, **Queen Elizabeth II Graduate Scholarship** (\$9,300 CDN).
- 2007 *Inferring Diets Among the Ankylosaurs of the Dinosaur Park Formation of Alberta, Canada.* Travel Grant, **Society of Vertebrate Paleontology** (\$300 USD).
- 2008 Evolutionary Palaeoecology of the Herbivorous Dinosaur Assemblages from the Dinosaur Park Formation (Campanian) of Alberta, Canada. Research Grant,

Alberta Ingenuity PhD Graduate Student Scholarship (\$105,000 CDN).

- 2008 Evolutionary Palaeoecology of the Herbivorous Dinosaur Assemblages from the Dinosaur Park Formation (Campanian) of Alberta, Canada. Research Grant, **Natural Sciences and Engineering Research Council of Canada Alexander Graham Bell Canada Graduate Scholarship** (\$105,000 CDN).
- 2008 Cranial Morphology of *Anchiceratops* (Dinosauria: Ceratopsidae) from the Upper Cretaceous of Western Canada. Tanke Neoceratopsian Research Scholarship, **Dinosaur Research Institute** (\$1,500 CDN).
- 2009 Evolutionary Palaeoecology of the Herbivorous Dinosaur Assemblages from the Dinosaur Park Formation (Campanian) of Alberta, Canada. Research Grant, **Queen Elizabeth II Graduate Scholarship** (\$15,000 CDN). Declined offer due to other funding.

RESEARCH AND TEACHING INTERESTS

Evolutionary palaeoecology of Late Cretaceous herbivorous dinosaurs from North America, sexual dimorphism and evolution of ceratopsid dinosaurs, evolution of mosasaurs from the Manitoba Escarpment, vertebrate macroevolution, vertebrate anatomy and functional morphology.

TEACHING EXPERIENCE

Teaching Assistant

- Fall, 2006 Biology 313: **Introduction to Ecology and Evolution**. Department of Biological Sciences, **University of Calgary**. Professors: Larry R. Linton and Mary L. Reid. Conducted two weekly laboratory sections.
- Fall, 2007 Zoology 361: **Introduction to Human Physiology I**. Department of Biological Sciences, **University of Calgary**. Professors: Douglas A. Syme, Jeffrey Goldberg, and Richard L. Walker. Conducted bi-weekly laboratory section.
- Winter, 2008 Biology 233: **Organismal Biology of Plants and Animals**. Department of Biological Sciences, **University of Calgary**. Professors: Heather D. Addy and Robert W. Longair. Conducted two weekly laboratory sections.
- Winter, 2009 Zoology 571: **Vertebrate Palaeozoology**. Department of Biological Sciences, **University of Calgary**. Professors: Jason S. Anderson and Jessica Theodor. Conducted weekly discussion group.

PROFESSIONAL MEMBERSHIPS

Society of Vertebrate Paleontology
Alberta Palaeontological Society
Canadian Science and Christian Affiliation

PUBLICATIONS

2006

Mallon, J. C., and R. B. Holmes. A reevaluation of sexual dimorphism in the postcranium of the chasmosaurine ceratopsid *Chasmosaurus belli* (Dinosauria: Ornithischia). **Canadian Field-Naturalist** 120:403-412.

2007

Cuthbertson, R. S., **J. C. Mallon**, N. E. Campione, and R. B. Holmes. A new species of mosasaur (Squamata: Mosasauridae) from the Pierre Shale (lower Campanian) of Manitoba. **Canadian Journal of Earth Sciences** 44:593-606.

In Press

Mallon, J. C., and R. B. Holmes. Description of a complete and fully articulated chasmosaurine postcranium previously assigned to *Anchiceratops* (Dinosauria: Ceratopsia). In M. J. Ryan, B. J. Chinnery-Allgeier, and D. A. Eberth (eds.), **New Perspectives on Horned Dinosaurs**. Indiana University Press, Bloomington, Indiana.

CONFERENCE PAPERS AND PUBLISHED ABSTRACTS

2009

Cuthbertson, R., and **J. Mallon**. Reconstructing the jaw mechanics of extinct vertebrates, with a focus on the cranial joints of hadrosaurine dinosaurs. **Alberta Palaeontological Society Bulletin** 24(1):4-5.

2008

Mallon, J. C., and J. S. Anderson. Ankylosaur feeding behaviour as revealed by dental microwear analysis. **Canadian Paleontology Conference Proceedings** 6:41.

Mallon, J., R. Holmes, J. Anderson, A. Farke, and M. Ryan. New information on two chasmosaurine ceratopsids from the Horseshoe Canyon Formation (Late Cretaceous) of Alberta, Canada. **Journal of Vertebrate Paleontology** 28 (Supp. 3):111A.

Mallon, J., N. Rybczynski, M. Vickaryous, and J. Anderson. Dental microwear and its implications for nodosaurid feeding mechanics and palaeoecology. P. 30 in H. Allen (ed.), **Alberta Palaeontological Society Twelfth Annual Symposium**. Alberta Palaeontological Society, Calgary.

2007

Mallon, J., M. Vickaryous, N. Rybczynski, and J. Anderson. Dental microwear and its implications for nodosaurid feeding mechanics and paleoecology. **Journal of Vertebrate Paleontology** 27 (Supp. 3):111A.

Mallon, J.C., and R. Holmes. Reexamination of a postcranium previously assigned to *Anchiceratops* (Dinosauria: Ceratopsia). Pp. 114-115 in D. R. Braman (ed.), **Ceratopsian Symposium: Short Papers, Abstracts, and Programs**. Royal Tyrrell Museum, Special Publication, Drumheller, Alberta.

Mallon, J., and R. Holmes. Reexamination of a postcranium previously assigned to *Anchiceratops* (Dinosauria: Ceratopsia). P. 17 in **Proceedings of the Faculty of Veterinary Medicine Research Day, 2007**. University of Calgary, Calgary, Alberta.

Cuthbertson, R., **J. Mallon**, H. Maddin, and J. Anderson. Bringing the past to life: Vertebrate paleontology and morphology in the Faculty of Veterinary Medicine, University of Calgary. P. 39 in **Proceedings of the Faculty of Veterinary Medicine Research Day, 2007**. University of Calgary, Calgary, Alberta.

2006

Cuthbertson, R., **J. Mallon**, N. Campione, and R. Holmes. A new plioplatecarpine mosasaur (Squamata: Mosasauridae) from the Pierre Shale (lower Campanian) of southwest Manitoba.

Journal of Vertebrate Paleontology 26 (Supp. 3):53A.

2005

Mallon, J. A reevaluation of sexual dimorphism in the postcranium of the chasmosaurine ceratopsid *Chasmosaurus belli* (Dinosauria: Ornithischia). Pp. 58-59 in D. R. Braman, F. Therrien, E. B. Koppelhus, and W. Taylor (eds.), **Dinosaur Park Symposium, Short Papers, Abstracts and Program**. Royal Tyrrell Museum, Special Publication, Drumheller, Alberta.

POPULAR MEDIA

- 2005 **Carleton NOW**, April 5, 2005. Interviewed by Laura Sutin for article, "Carleton students get hands-on experience at Museum of Nature."
- 2004 **Nature Scene**, Spring/Summer newsletter. Interviewed by Laura Sutin for article, "For the love of dinosaurs: On the path to palaeontology."

FIELD EXPERIENCE

- 2004 **Field Assistant, Alberta, Canada**. Participated in field expedition of Late Cretaceous deposits around Dry Island Buffalo Jump Provincial Park, Alberta. Party lead by Dr. Hans C. E. Larsson (McGill University). August 2-24.
- 2007 **Student Participant, Alberta, Canada**. Participated in student workshop at Dinosaur Provincial Park, Alberta. Field excursions into surrounding Steeveville, Iddesleigh, and Little Sandhill Creek areas. Workshop organized by Dr. Donald B. Brinkman (Royal Tyrrell Museum of Paleontology). June 3-8.
- 2009 **Field Assistant, North Central Texas**. Participated in field expedition of Early Permian deposits in Seymour and Archer counties, Texas. Party lead by Dr. J. S. Anderson (University of Calgary). May 2-11.

RELEVANT EMPLOYMENT EXPERIENCE

- Summer 2002 **Laboratory Assistant, Department of Earth Sciences, Carleton University**. Isolated foraminiferans from rocks of the Cold Lake area Colorado Group (Late Cretaceous), east-central Alberta.
- 2002-2005 **Volunteer Research Assistant, Canadian Museum of Nature**. Accessioned fossil material into collections catalogue, cleaned fossils, assembled catalogue of material from Edmonton Formation.

LANGUAGES

Fluent English and French.

PUBLISHED PALAEOART

- 2002 Illustrated "Visiting Dinosaur Museums in France", article by Stephen Brusatte in Japanese magazine *Dino Press*.

- 2003 *Pachycephalosaurus* illustration used for display and on t-shirts at **Rocky Mountain Dinosaur Resource Center**, Woodland Park, Colorado.
- 2003 Contributed photography to Elin Kelsey's children's book, **Canadian Dinosaurs**, published by Maple Tree Press, Inc.
- 2003-7 Contributed artwork to Graeme Worth's **Dinosaur Encyclopaedia CD-ROM**.
- 2004 Produced cover artwork for Oliver Wing's **PhD dissertation** on dinosaur gastroliths.
- 2004 Designed advertising for new vertebrate palaeontology program at **Carleton University**, including information bulletins and a page-spread advertisement in *Canadian Palaeobiology*.
- 2005 Contributed *Pyroraptor* illustration for "La chasse aux dinosaures est ouverte", article by Ronan Allain in French science review **Découverte**.
- 2007 Contributed "Diplodocine ingests gastroliths" and *Piveteausaurus* images to **Dinosaur DataDig**, an educational software program, developed by Steve Walsh, intended as a general public reference and learning tool for students.
- 2007 Contributed *Hypacrosaurus* and *Monolophosaurus* illustrations to **I Discover** trading cards, an educational trading card series produced by 3 Point Entertainment.

OTHER INTERESTS

Playing guitar, illustration, magic, fishing, biking, and hiking.

REFERENCES

Available upon request