

Bjørn Peare Bartholdy

bpbartholdy@gmail.com

EDUCATION

- 2017-present **PhD**, Archaeological Sciences, Leiden University
- 2016-17 **Master of Science**, Human Osteology and Funerary Archaeology, Leiden University
- 2011-15 **Bachelor of Science (honours)**, Archaeology with a Concentration in Physical Anthropology, University of Calgary

CITIZENSHIP

Canadian/Danish

AWARDS

- 2015 Jason Lang Scholarship, 1000 CAD

GRANTS

- 2019 Leiden University Fund, 1065 Euro

RESEARCH INTERESTS

- Dental anthropology
- Statistics
- Skeletal biology
- Paleoradiology (specifically micro-CT)

RESEARCH EXPERIENCE

- 2017-present **PhD dissertation**, Leiden University
- Developing an in vitro calculus protocol for experimental dietary research
- 2016-17 **Master's thesis**, Leiden University
- Analysis of dental health at the Middenbeemster site using micro-CT.
- 2014-15 **Honours thesis, Imaging: Prospects, Progress and Pitfalls in Paleopathology**, University of Calgary
- Micro-CT scanning of arthritic vertebrae.

- 2014 **Advanced Zooarchaeology**, University of Calgary
- aDNA analysis of 18 samples of canid bones.

TEACHING EXPERIENCE

- 2020 **Guest lecturer**, MSc Thesis tutorial – Statistics
- 2019 **Guest lecturer**, MSc Palaeopathology
- 2019 **Guest lecturer**, BA3 Ancient Foodways
- 2019 **Guest lecturer**, MSc Thesis tutorial – Statistics
- 2018 **Teaching assistant**, BA3 Osteoarch (10 EC)
- 2016 **Visiting speaker**, AN(th)ARKY talks, Department of Anthropology and Archaeology, University of Calgary

THESIS SUPERVISION

- 2018-2019 MSc Archaeological Science thesis co-supervisor
- Veronica Jackson
 - Mayke Bruijstens
 - Judyta Olzewski

ARCHAEOLOGICAL PRACTICE

- 2017 **Human Osteology internship**, Leiden University
- Complete osteological analysis of 5 skeletons
- 2014 **Mortuary archaeology field school**, Drawsko, Poland
- 3 weeks of fieldwork at an 18th century cemetery, accompanied by lab work and human osteology lectures
- 2015 **University of Calgary Public Archaeology Program**, Cluny, Canada
- 4 days of excavation at the Cluny Fortified Village Site (EePf-1)

ADMINISTRATIVE EXPERIENCE

- 2020 **Steering committee**, ARCHON, Research School of Archaeology
- 2019-present **Editorial board**, INTER-SECTION (peer-reviewed journal)

2014-2015 **Volunteer coordinator**, Ole Christensen Memorial reading room, University of Calgary

- Recruiting, training, and scheduling of volunteers

2014-2015 **Organizing committee**, 2015 Chacmool Archaeology conference, Calgary

- Local arrangements

PUBLICATIONS

Bartholdy, B.P., Hoogland, MLP, Waters-Rist, A. (2019), How old are you now? A new ageing method for nonadults based on dental wear. *International Journal of Osteoarchaeology*, 29(4) 622–633.

Bartholdy, B.P., Hacking, K., Murchie, T.J., and Verwoerd, C. 2017. Dog Days on the Plains: A Preliminary aDNA Analysis of Canid Bones from Southern Alberta and Saskatchewan. (forthcoming) *Canadian Journal of Archaeology*, 41: 46–62.

PUBLICATIONS, NON-PEER REVIEWED

“Spit, Tartar, and Burial: an Experiment’s Diary”. Leiden Archaeology Blog (LINK!!!).

Henry A.G., Devereux E.J. & **Bartholdy B.P.** (2018), European Society for the Study of Human Evolution 2017: old sites, new methods, *Evolutionary Anthropology* 27(1): 5-6.

"Bloodsucking diseases: applying vampire superstition to paleopathology". *Proceedings of the 47th Annual Chacmool Archaeological Conference*. 191-201.

PODIUM PRESENTATIONS

2020 **Bartholdy B.P.**, Reidsma F.H., and Henry, A.G., “*Build-a-Calculus: Experimental dietary research on in vitro dental calculus*”. Accepted to the 89th Annual Meeting of the American Association of Physical Anthropologists (cancelled due to COVID-19).

2019 NVFA symposium

2018 **Bartholdy B.P.**, Henry A.G., “*Back to Basics: Introducing a model calculus system to test fundamental aspects of dental calculus research*”. Presented at the 8th International Symposium on Biomolecular Archaeology, Jena, Germany.

2015 **Bartholdy B.P.**, Hacking K., and Murchie T.J. “*Dog Days on the Plains: Comparison of three sites on the Canadian plains through aDNA analysis of canid bones.*” Presented at the 47th Annual Meeting of the Canadian Archaeological Association, St. John’s, Canada.

- 2014 *"Bloodsucking diseases: Applying vampire superstition to paleopathology"*. Presented at the 47th Chacmool archaeology conference, Calgary, Canada.

POSTER PRESENTATIONS

- 2019 Bartholdy B.P., Waters-Rist A. *"A Question of Calibration: Comparing inverse and classical calibration on a recently developed age-at-death estimation method"*. Presented at the 21st Annual Meeting of the British Association for Biological Anthropology and Osteoarchaeology.
- 2018 Bartholdy B.P., Hoogland M.L.P., Waters-Rist A. *"Barking up the wrong tree? Searching for sexual dimorphism in deciduous enamel thickness and density"*. Presented at the 87th Annual Meeting of the American Association of Physical Anthropologists.
- 2017 *"Myco Spikes: A proposed standard for fossil calibration in evolutionary tuberculosis studies"*. Presented at the 19th Annual Meeting of the British Association for Biological Anthropology and Osteoarchaeology.
- 2016 *"I C(T) Dead People"*. Poster presented at the 85th Annual Meeting of the American Association of Physical Anthropologists, Atlanta, GA.
- 2015 Krystyna Hacking, Bjorn Peare Bartholdy and Tyler Murchie. *"Wolf, coyote, dog, or hybrid? Phylogenetic study of canid remains"*. Poster presented 47th Annual Meeting of the Canadian Archaeological Association, St. John's, Canada.

CONFERENCES

- 2014 **Volunteer**, 83rd Annual Meeting of the American Association of Physical Anthropologists, Calgary, Canada.
- 2014 **Volunteer**, 47th Chacmool Archaeology conference, Calgary, Canada.

MEMBERSHIPS

- 2018-present **Member**, Dental Anthropology Association
- 2017-present **Member**, British Association for Biological Anthropology and Osteoarchaeology
- 2015-present **Member**, American Association of Physical Anthropologists
- 2015-present **Member**, Paleopathology Association
- 2015 **Member**, Canadian Archaeological Association
- 2013-2015 **Member**, Chacmool Archaeology Association

Bjørn Peare Bartholdy

LANGUAGES

Fluent in Danish and English. Basic Dutch, and German reading and speaking ability.

REFERENCES

References available upon request.