

# Stanford

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## Anna Jerve

Assistant Collection Manager II, Earth Specimen Collection

### Bio

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#### BIO

I am responsible for carrying out work related to the overall management and long-term preservation of the geoscience collection belonging to the Doerr School of Sustainability.

#### CURRENT ROLE AT STANFORD

Assistant Collections Manager for the Geoscience Specimen Collection

#### EDUCATION AND CERTIFICATIONS

- PhD, Uppsala University , Evolutionary Organismal Biology (2016)
- MSc, Michigan State University , Geological Sciences (2007)
- BA, Macalester College , Geology (2004)

### Professional

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#### WORK EXPERIENCE

- Study Abroad Instructor (Iceland) - Michigan State University
- Museum Assistant - Museum of Evolution, Uppsala University
- Senior Assistant - Swedish Museum of Natural History
- Postdoctoral Researcher - Uppsala University
- Postdoctoral Researcher - Imperial College London
- Museum Assistant - Michigan State University Museum
- Intern - American Museum of Natural History

### Publications

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#### PUBLICATIONS

- **A well-preserved 'placoderm' (stem-group Gnathostomata) upper jaw from the Early Devonian of Mongolia clarifies jaw evolution.** *Royal Society open science*  
Brazeau, M. D., Yuan, H., Giles, S., Jerve, A. L., Zorig, E., Ariunchimeg, Y., Sansom, R. S., Atwood, R. C.  
2023; 10 (2): 221452
- **Endocranial morphology of the petalichthyid placoderm *Ellopetalichthys scheii* from the Middle Devonian of Arctic Canada, with remarks on the inner ear and neck joint morphology of placoderms** *CANADIAN JOURNAL OF EARTH SCIENCES*  
Castiello, M., Jerve, A., Burton, M., Friedman, M., Brazeau, M. D.

2021; 58 (1): 93-104

- **Endochondral bone in an Early Devonian 'placoderm' from Mongolia.** *Nature ecology & evolution*  
Brazeau, M. D., Giles, S., Dearden, R. P., Jerve, A., Ariunchimeg, Y., Zorig, E., Sansom, R., Guillerme, T., Castiello, M.  
2020; 4 (11): 1477-1484
- **Vascularization and odontode structure of a dorsal ridge spine of *Romundina stellina* Ørvig 1975.** *PloS one*  
Jerve, A., Qu, Q., Sanchez, S., Ahlberg, P. E., Haitina, T.  
2017; 12 (12): e0189833
- **A three-dimensional placoderm (stem-group gnathostome) pharyngeal skeleton and its implications for primitive gnathostome pharyngeal architecture** *JOURNAL OF MORPHOLOGY*  
Brazeau, M. D., Friedman, M., Jerve, A., Atwood, R. C.  
2017; 278 (9): 1220-1228
- **Morphology and histology of acanthodian fin spines from the late Silurian Ramsasa E locality, Skane, Sweden** *PALAEONTOLOGIA ELECTRONICA*  
Jerve, A., Bremer, O., Sanchez, S., Ahlberg, P. E.  
2017; 20 (3)
- **Three-dimensional paleohistology of the scale and median fin spine of *Lophosteus superbus* (Pander 1856).** *PeerJ*  
Jerve, A., Qu, Q., Sanchez, S., Blom, H., Ahlberg, P. E.  
2016; 4: e2521
- **Embryonic development of fin spines in *Callorhynchus milii* (Holocephali); implications for chondrichthyan fin spine evolution.** *Evolution & development*  
Jerve, A., Johanson, Z., Ahlberg, P., Boisvert, C.  
2014; 16 (6): 339-53

## PRESENTATIONS

- Sampling strategies, techniques and curation of the Swedish Environmental Specimen Bank - SPNHC (June 8, 2022)