

CURRICULUM VITAE

JAMES V. ANDREWS

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EDUCATION

- 2023 [exp.] **Ph.D. in Earth and Environmental Sciences**, University of Michigan, Ann Arbor.
Doctoral candidate. Advisor: Matt Friedman
- 2015 **B.S. in Biology**, University of North Carolina at Wilmington

AWARDS AND GRANTS

- 2021 Society of Systematic Biologists Graduate Student Research Award. \$3,000
Paleontological Society Harry B. Wittington Award. \$1,200
- 2019 Rackham Merit Fellowship (University of Michigan). Funding in support of 4 semesters.
- 2018 Scott Turner Award (Department of Earth and Environmental Sciences, University of Michigan). \$1,495
Earth and Environmental Sciences graduate program start-up funds (University of Michigan) \$2,000
Pre-candidacy Departmental Fellowship (University of Michigan) Funding in support of 1 semester.
- 2015 Undergraduate Research Scholar (University of North Carolina at Wilmington)
- 2014 Student Travel Award - James Böhlke Memorial Endowment Fund, Academy of Natural Sciences of Philadelphia

CONFERENCE PRESENTATIONS (TALKS)

- Andrews JV**, Friedman M, Schein JD. A new Danian squirrelfish (Acanthomorpha: Holocentridae) reveals extensive survivorship across the Cretaceous-Paleogene boundary. *Society of Vertebrate Paleontology Annual Meeting* (Virtual 2021)
- Andrews JV**, Friedman M. Three-dimensional morphometry of otoliths as a tool for quantifying habitat and locomotor diversity in modern and fossil teleosts. *Society of Vertebrate Paleontology 80th Annual Meeting* (Virtual 2020)
- Andrews JV**, Friedman M, Schein JD. Anatomy and implications of the earliest occurring crown squirrelfish (Teleostei: Holocentridae) from near the Cretaceous-Paleogene boundary. *12th International Conference of Vertebrate Morphology* (Prague 2019)

CONFERENCE PRESENTATIONS (POSTERS)

- Andrews JV**, Friedman M, Schein JD. Anatomy of the earliest occurring crown squirrelfish (Teleostei: Holocentridae) from near the Cretaceous-Paleogene boundary of New Jersey. *Michigan Geophysical Union 2019* (Ann Arbor, MI 2019).
- Exler D, **Andrews JV**, Finore D, McRobert S, Lippman-Bell J. Determining whether seizures during early development lead to long-term behavioral deficits in zebrafish. *47th Meeting for the Society for Neuroscience* (Washington, DC 2017).
- Exler D, Atwood S, **Andrews JV**, Han S, Simpson D, Heine E, Pennuto M, Montie H. Does activation of AMPK abrogate SBMA pathogenesis? *PCOM 7th Annual Research Day* (Philadelphia, PA 2017).
- Heine E, **Andrews JV**, Claeson K, Kwan K, Kawakami K, Montie H. Generation and characterization of a novel zebrafish model of SBMA. *PCOM 6th Annual Research Day* (Philadelphia, PA 2016).
- Andrews JV**, White JW. Delaunay tessellation as a scale-free description of spatial aggregation: How to minimize edge-effect problems. *99th Ecological Society of America Meeting* (Sacramento, CA 2014).

CONFERENCE ORGANIZATION

- 2019 Member of the organizing committee for the 3rd Great Lakes Student Paleoconference (Ann Arbor, MI 2019)

TEACHING, MENTORSHIP, and OUTREACH EXPERIENCE

- 2020 Graduate Student Instructor for EARTH 222: *Introduction to Oceanography* (University of Michigan)
- 2019 Undergraduate Research Opportunities Program (UROP) mentor
Graduate Student Instructor for EARTH 119: *Introduction to Geology* (University of Michigan)
- 2018 Graduate Student Instructor for EARTH 201: *Introduction to Physical Geography* (University of Michigan)
Service Learning and Trans-disciplinary Education (SLATE) program mentor

Science Communication Fellow with the University of Michigan Museum of Natural History

FIELDWORK EXPERIENCE

2019 Red Hill site fossil prospecting and collecting in the Devonian Catskill Formation (Hyner, PA). Supervisor: Matt Friedman.

2018 Western Interior Seaway fossil prospecting and collecting in the Cretaceous Niobrara Formation (Pence, KS). Supervisor: Matt Friedman.

PROFESSIONAL SOCIETY MEMBERSHIPS

American Society of Ichthyologists and Herpetologists; The Palaeontological Association, Paleontological Society, Society of Systematic Biologists