

Nicholas A. Huron

1 Parker Avenue #1210 • Philadelphia, PA 19128 USA
(484) 554-1530 • nahuron@temple.edu • nicholashuron.com

Education

- 2021 Ph.D. in Biology (Anticipated)
Temple University
Advisor: Dr. Matthew Helmus
- 2013 B.S. in Biology
Pepperdine University
Magna Cum Laude

Academic Positions

- 2017– Graduate Student, Integrative Ecology Lab
- Thesis: “TBD”
 - Study of biodiversity and ecology of the Caribbean, especially of herpetofauna
- 2014–2017 Research Assistant, Cameron Siler Lab
- Study of the biodiversity and systematics of Philippine herpetofauna
 - Specimens/tissues curation for research in the Sam Noble Oklahoma Museum of Natural History (SNOMNH)
- 2017–2017 Research Assistant: “Tracking the Emergence of Infectious Disease Among Amphibian Species of Greatest Conservation Need—Amphibian Surveys of Wildlife Management Areas in Oklahoma to Determine Current Distribution, Status, and Health of Native Communities”, Oklahoma Department of Wildlife Conservation
- Lead expeditions to survey and collect data for amphibians throughout Oklahoma
 - Subsample and prepare tissues for infectious disease screening
 - Prepare and catalogue voucher specimens in SNOMNH
- 2015–2016 Herpetology Curatorial Assistant, Sam Noble OK Museum of Natural History
- Conduct relabeling of specimens to update collection taxonomy
 - Survey, collect, and process specimens for deposition in collection
 - Entry/validation of specimen data (morphology, locality, etc.) into collection database
- 2015–2015 Mammology Curatorial Assistant, Sam Noble OK Museum of Natural History
- Inventory/validate records for current specimens in the mammal collection
 - Entry of specimen data (morphology, locality, etc.) into collection database
- 2013–2014 Research Assistant, Pepperdine University
- Organize and carry out annual stream surveys of SMM streams
 - Review professional articles prior to submission to journals
 - Compile and revise data into a central database of amphibian surveys that began in 1991
 - Meet weekly with supervisor (Dr. Lee Kats) to discuss ongoing and future research projects
- 2013–2014 Administrative Assistant, Pepperdine University
- Assist the Vice Provost for Research and Strategic Initiatives with the Waves of Innovation research funding program
 - Review research proposals, presentations, and official University documents before submission to university offices and external review committees
 - Interact with high profile University members and coordinate meetings between different committees and the Vice Provost

- 2013–2014 Research Student, Rodney Honeycutt Lab
- Use genetic lab techniques to analyze population phylogeography
 - Study local populations of *Taricha torosa*
- 2009–2014 Research Student, Lee Kats Lab
- Investigate behavioral ecology in the streams of the Santa Monica Mountains (SMM) and the rainforest of the La Selva Research Station in Costa Rica
 - Regular field surveys of the streams in the SMM for USGS and State Park Services and corresponding data entry
 - Annual presentation of current research at SCCUR (see below for list)
- 2013–2013 Restoration Ecologist, Mountains Restoration Trust (MRT)
- Head up the invasive crayfish removal project (CRP) at Tapia Park (Malibu Creek)
 - Lead invasive species education side project which implemented both remote video and in person instruction of invasion ecology
 - Lead volunteer teams to trap, characterize, and remove invasive *Procambarus clarkii*
 - Manage the CRP data set and collaborate with local scientists on research avenues
- 2009–2013 Office Assistant, Pepperdine University Seaver Dean's Office
- Tasks include: answering phones, greeting visitors (e.g., prospective students), organizing mailings, filing/scanning pertinent documents (including confidential files)
 - Assist dean's office event preparation, including faculty and research award ceremonies
 - Facilitate the aforementioned events and provide presentation technical support (A/V)

Research Interests

Community Ecology, Biodiversity and Systematics, Conservation Biology, Herpetology, and Tropical Ecology

Teaching Experience

- 2016 Introductory Biology: Molecules, Cells, and Physiology, University of Oklahoma (TA, 1 semester)
- 2016 Field Herpetology, University of Oklahoma (TA, 2 weeks)
- 2015 Human Physiology, University of Oklahoma (TA, 1 semester)
- 2014 Introductory Zoology, University of Oklahoma (TA, 1 semester)
- 2012 Introduction to Ecology, Pepperdine University (Undergraduate TA, 1 semester)
- 2011–2012 Keck Research Seminar, Pepperdine University (Student Mentor, 2 semesters)
- 2010–2013 Cellular Biology, Pepperdine University (Undergraduate TA, 4 semesters)
- 2010–2011 General Chemistry, Pepperdine University (Tutor, 2 semesters)

Publications

9. Marhanka, EC, Watters, JL, **Huron, NA**, McMillin, SL, Winfrey, CC, Curtis, DJ, Davis, DR, Farkas, JK, Kerby, JL, Siler, CD. 2017. Detection of high prevalence of *Batrachochytrium dendrobatidis* in amphibians from southern Oklahoma, USA. *Herpetological Review* 48:70–74.
8. Siler, CD, Davis, DR, Freitas, ES, **Huron, NA**, Geheber, AD, Watters, JL, Penrod, ML, Papeş, M, Amrein, A, Anwar, A, Cooper, D, Hein, T, Manning, A, Patel, N, Pinaroc, L, Diesmos, AC, Diesmos, ML, Oliveros, CH, Brown, RM. 2016. Description of a new species of Slender Skink of the *Brachymeles bonitae* Complex (Reptilia: Squamata: Scincidae) from the northern Philippines. *Zootaxa*, 4132:15–29.
7. **Huron, NA**, Realubit, NDC, Cobb, KA, Brown, JC, Bergmann, P, Morinaga, G, Diesmos, AC, Diesmos, ML, Brown, RM, Siler, CD. 2016. Discovery of new island populations of the recently described False Geckos (*Pseudogekko pungkaypinit* and *Pseudogekko ditoy*): Conservation implications for the eastern Philippines. *Herpetological Review*, 47:1–4.

6. Diesmos, AC, Waters, JL, **Huron, NA**, Davis, DR, Alcala, AC, Crombie, RI, Afuang, LE, Gee-Das, G, Sison, RV, Sanguila, MB, Penrod, ML, Labonte, MJ, Davey, CS, Leone, EA, Diesmos, ML, Sy, EY, Welton, LJ, Brown, RM, Siler, CS. 2015. Amphibians of the Philippines, part I: checklist of the species. *Proceedings of the California Academy of Sciences*, 62:457–539.
5. Davis, DR, Sanguila, MB, Brown, JC, Brown, RM, Cobb, KA, Begmann, P, Morinaga, G, **Huron, NA**, Watters, JL, Siler, CD. 2015. Natural History Notes: *Pseudogekko ditoy* (Leyte Diminutive False Gecko) Morphology. *Herpetological Review*, 46:634.
4. Heitz, BB, Ellsworth, ED, **Huron, NA**, Geheber, AD, Siler, CD. 2015. Geographic Distribution: *Sonora semiannulata* (Variable Groundsnake). *Herpetological Review*, 46:577.
3. Sanguila, MB, Realubit, NDC, Diesmos, ML, Lorenzo II, A, De Layola, A, Brown, JC, Cobb, KA, Bergmann, P, Morinaga, G, Freitas, ES, **Huron, NA**, Watters, JL. 2015. Geographic Distribution: *Pelophryne lighti* (Mindanao Flathead Toad). *Herpetological Review*, 46:380.
2. Realubit, NDC, Diesmos, ML, Lorenzo II, A, De Layola, A, Diesmos, AC, Brown, JC, Brown, RM, Cobb, KA, Bergmann, P, Morinaga, G, Siler, CD, **Huron, NA**, Siler, JM. 2015. Geographic Distribution: *Draco Mindanensis* (Mindanao Flying Lizard). *Herpetological Review*, 46:216.
1. Davis, DR, Watters, JL, Köhler, G, Whitsett, C, **Huron, NA**, Brown, RM, Diesmos, AC, Siler, CD. 2015. Re-description of the rare Philippine slender gecko *Pseudogekko brevipes* (Reptilia: Squamata: Gekkonidae) and description of a new species. *Zootaxa*, 4020:357–374.

Research Grants

2017	University of Oklahoma Graduate Student Senate Research Grant	\$150.00
2015	University of Oklahoma Graduate Student Senate Research Grant	\$562.50
2015	Henri C. Seibert Award (Ecology), Society for the Study of Amphibians and Reptiles	\$200.00
2015	L. G. Hill Zoology Excellence Fund	\$475.00

Honors, Awards, and Fellowships

2017–	Temple University Fellowship
2013	Selection for Who's Who in American Universities and Colleges
2012–2013	Blanche E. Seaver Faculty Scholarship
2011–2013	Pepperdine University Natural Science Award
2011–2012	Pepperdine University Seaver College Faculty/Staff Scholarship
2010	Seaver College Dean's List (2 Semesters)
2010	Phi Eta Sigma Honor Society Induction

Presentations and Posters

2015	Society for the Study of Amphibians and Reptiles Meeting, University of Kansas (Lawrence, KS U.S.A.)
2013	Southern California Conference of Undergraduate Research (SCCUR), Whittier College (Whittier, CA U.S.A.)
2012	SCCUR, California State University Channel Islands (Camarillo, CA U.S.A.)
2011	SCCUR, Mt. San Antonio College (Walnut, CA U.S.A.)
2010	SCCUR, Pepperdine University (Malibu, CA U.S.A.)

Skills

Lab and Fieldwork

- Amphibian/reptile field collection (destructive/non-destructive tissue sampling, specimen preparation, *Batrachochytrium dendrobatidis*/ranavirus swabbing, eDNA collection)
- Ecological survey techniques (e.g., Stream Health Biotic Index)
- Amphibian/Reptile care and husbandry
- Lab safety and general genetic sequencing (tissue extraction, PCR, gel electrophoresis)

Computer

- R statistics program (including development of functions and scripts)
- Geographic Information Systems software (ArcGIS and qGIS)
- Ecological Niche Modeling (Maxent)
- Python and Git version control (Novice)
- Presentation and A/V set-up
- Microsoft Office applications
- Document copier and scanning

Language

- Proficient in conversational German
- Limited experience with conversational Tagalog

Professional Membership

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| 2015 | Society for the Study of Amphibians and Reptiles (SSAR) |
| 2015 | The Herpetologists' League (HL) |
| 2013 | American Society of Ichthyologists and Herpetologists (ASIH) |

Extracurricular Activities and Service

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| 2014–2017 | Sam Noble Oklahoma Museum of Natural History <ul style="list-style-type: none">• Assist in coordination of the Department of Herpetology annual public events• Mentoring of undergraduate research volunteers in the Department of Herpetology• Identify collected specimens and interface with public during the annual Oklahoma Bioblitz |
| 2011– | Sigma Phi Epsilon national social fraternity (alumnus) <ul style="list-style-type: none">• Member of the California Psi chapter• Vice President of Recruitment (2012 calendar year)• Semesterly trips to build homes in Tecate, Mexico (Club Dust)• Annual philanthropy to benefit YouthAIDS |
| 2009–2013 | Pepperdine University GreenTeam <ul style="list-style-type: none">• Member and volunteer• Helped initiate “Trayless Tuesday” to increase environmental awareness |