

CURRICULUM VITAE

Joris L. van der Ham
Email: jvdham@yahoo.com
Cell: 337 356 7480

EDUCATION

- 2007 Doctor of Philosophy, Environmental and Evolutionary Biology, University of Louisiana at Lafayette, Louisiana
- 2002 Master of Science, Biology, University of Amsterdam, The Netherlands
- 1997 Bachelor, Biology Education, HAN University of Applied Sciences, The Netherlands

PROFESSIONAL APPOINTMENTS

- 2021-current Visiting Research Scientist, The University of Southern Mississippi, Division of Coastal Sciences
- 2017- 2021 Term Assistant Professor, George Mason University, Department of Environmental Science and Policy
- 2011 - 2017 Adjunct Assistant Professor, George Mason University, Department of Environmental Science and Policy, Biology Undergraduate Program
- 2011 - 2017 Research Associate, George Mason University, Department of Environmental Science & Policy
- 2008 - 2011 Postdoctoral Researcher, Louisiana State University, Department of Oceanography and Coastal Sciences
- 2007 - 2008 Postdoctoral Researcher, University of Louisiana at Lafayette, Department of Biology

UNIVERSITY SERVICE

- 2019-2021 Undergraduate Council, Undergraduate Education, Office of the Provost
- 2019 Mason Core Sciences Working Group, Undergraduate Education, Office of the Provost
- 2018-2021 Committee on Committees, Environmental Science and Policy
- 2018-2020 Schedule Coordinator, Environmental Science and Policy
- 2017-2021 Curriculum Committee, College of Science
- 2017-2021 Graduate Executive Committee, Environmental Science and Policy
- 2017-2021 Academic Assessment Committee, Environmental Science and Policy
- 2017-2021 Graduate Program Coordinator, Environmental Science and Policy
- 2017-2021 Undergraduate Program Director, Environmental Science and Policy
- 2012-2021 Academic Undergraduate Advisor, Environmental Science and Policy
- 2012-2021 Zoological Collections Curator, College of Science

CURRICULUM VITAE - J.L. VAN DER HAM

COURSES TAUGHT

George Mason University:

Applied Ecology, 300-level
Fundamentals of Ecology, 600-level
Introduction to Oceanography, 300-level
Invertebrate Zoology; lecture and lab, 300-level
Marine Ecology, 300-level
Principles in Biology, 100-level
Senior Seminar, 400-level

University of Louisiana at Lafayette:

Introduction to Biology, 100-level
Biodiversity Laboratory, 100-level
Human Anatomy and Physiology Laboratory, 100-level
Principles and Issues in Biology Laboratory, 100-level

FUNDING

- 2019 - 2021 National Park Services, Enhancing Scientific Internship program, Co-PI, \$72,567
- 2019 Curriculum Impact Grant, George Mason University. Environmental and Ecological Consulting Minor, PI, \$5,566
- 2019 Summer Impact Grant for Undergraduate Research, George Mason University. Forensic Entomology Meets Ecology, PI, \$47,339
- 2018 - 2023 US Geological Survey, Fish and Wildlife Adaptation Program, PI, \$149,814
- 2018 Summer Impact Grant for Undergraduate Research, George Mason University. Ecological effects of farmland restoration in Virginia's Northern Piedmont. PI, \$33,656
- 2017 Summer Team Project Grant for Undergraduate Research, George Mason University. Insects and Post-Mortem Decomposition PI, \$25,949
- 2010 - 2011 Louisiana Sea grant (NOAA). Effects of the Deepwater Horizon oil spill on growth and mortality of *Farfantepanaeus aztecus* and *Callinectes sapidus* in an affected Louisiana Estuary. PI, \$10,000
- 2003 - 2007 Royal Dutch Academy of Sciences. Functional Morphology and Adaptations of Cephalic Appendages in Remipedia (Crustacea). PI, \$10,000
- 2003 - 2007 University of Louisiana at Lafayette Graduate Student Travel and Research Grant. Functional Morphology and Adaptations of Cephalic Appendages in Remipedia (Crustacea). PI, \$2,500
- 2000 - 2001 Prince Bernhard Fund of the Dutch Antilles and Aruba. A phylogenetic perspective of the regression theory in interstitial amphipods. PI, \$2,500

CURRICULUM VITAE - J.L. VAN DER HAM

PUBLICATIONS

- 2021 Van der Ham. Variation in succession of carrion insect assemblages under replicate environmental conditions. *Journal of Insect Science*, submitted.
- 2016 Van der Ham. Permutation tests of hierarchical cluster analyses in forensic entomology. *Journal of Medical Entomology*, tjw069.
- 2014 Van der Ham, and De Mutsert. Abundance and size of Gulf shrimp in Louisiana's coastal estuaries following the Deepwater Horizon oil spill. *PLoS one*, 9(10), e108884.
- 2013 Jaume, Iliffe, and Van der Ham. A new *Psammogammarus* (Amphipoda: Eriopisidae) from anchialine pools on the Exuma Cays, Bahamas. *Zootaxa*, 3700(1), 48-64.
- 2012 Garner, Van der Ham, Boswell, and Cowan. Use of bioelectric impedance analysis to assess total-body condition and predict energy density in juvenile Atlantic croaker. *T. Am. Fish. Soc.* 141(4), 1117-1125.
- 2009 Van der Ham, Brugler, and France. Exploring the utility of an indel-rich, mitochondrial intergenic region as a molecular barcode for bamboo corals (Octocorallia: Isididae). *Mar. Genomics* 2, 183-192.
- 2008 Van der Ham and Felgenhauer. Ultrastructure and functional morphology of glandular setae and distal claws of cephalic appendages of *Speleonectes tanumekes* (Crustacea: Remipedia). *Arthropod Struct. Dev.* 37, 235-247.
- 2007 Van der Ham and Felgenhauer. On possible venomous effects of *Speleonectes* sp. (Remipedia). *Crustaceana* 80, 755-765.
- 2007 Van der Ham and Felgenhauer. The functional morphology of the putative injecting apparatus of *Speleonectes tanumekes* (Crustacea, Remipedia). *J. Crust. Biol.* 27, 1-9.
- 2007 Koenemann, Iliffe, and Van der Ham. Micropacteridae, a new family of Remipedia (Crustacea) from the Turks and Caicos Islands. *Org. Divers. Evol.* 7, 52e1-52e14.
- 2006 Van der Ham and Felgenhauer. Ultrastructure of the peduncular aesthetascs of *Speleonectes tanumekes* (Crustacea, Remipedia) in comparison with crustaceans from stressful environments. *Invertebr. Biol.*, 125, 256-264.
- 2006 Van der Ham and Huner. Variation in color of the hepatopancreas of the red swamp crayfish, *Procambarus clarkii*, indicative for the reproductive potential of crayfish from different populations in southern Louisiana, USA. *J. World Aquac. Soc.* 37, 132-135.
- 2003 Van der Ham and Vonk. A phylogenetic analysis of the *Eriopisa*-complex (Crustacea: Amphipoda: Gammaridae) and a new species from beach interstitia in Venezuela. *J. Nat. Hist.* 37, 779-796.
- 2003 Koenemann, Iliffe, and Van der Ham. Three new sympatric species of Remipede (Crustacea) from Great Exuma Island, Bahamas Islands. *Contrib. Zool.*, 72, 227-252.
- 2002 Van der Ham. Addition to the description of *Speleonicippe provo* (Amphipoda, Pardaliscidae). *Crustaceana* 75, 1271-1274.

CURRICULUM VITAE - J.L. VAN DER HAM

CONFERENCE PRESENTATIONS

- 2019 Delos and van der Ham. Insect Community Complexity in Restored Grasslands National Conference on Undergraduate Research
- 2019 Rush and van der Ham. Diversity and Evenness of Plant and Insect Communities on Four Restored Piedmont Prairies in Northern Virginia. National Conference on Undergraduate Research
- 2019 Rhoades and van der Ham. Effect of Conservation Practices on Non-Native Plant Abundance. National Conference on Undergraduate Research
- 2018 Johnston and van der Ham. Carrion community dynamics of burned carcasses. National Conference on Undergraduate Research
- 2018 Evans and van der Ham. Assessing sampling bias of soil emergence traps for carrion community collections. National Conference on Undergraduate Research
- 2018 Nieves and van der Ham. Determining carcass age with nonparametric cluster analyses: an experimental approach. National Conference on Undergraduate Research
- 2014 Van der Ham and De Mutsert. Abundance and size of Gulf shrimp in Louisiana's coastal estuaries following the Deepwater Horizon oil spill. Atlantic Estuarine Research Society
- 2011 Van der Ham and De Mutsert. Has Size and Abundance of Shrimp in Coastal Louisiana Changed following the Deepwater Horizon Oil Spill? American Society for Limnology and Oceanography
- 2010 France, Pante, Brugler, and Van der Ham. On the evolution of deep-sea octocorals and antipatharians: Patterns revealed from molecular phylogenies. Society for Integrative and Comparative Biology
- 2009 Van der Ham. Bioelectric impedance analysis of the blue crab (*Rathbun, 1896*). American Fisheries Society
- 2008 Van der Ham and Felgenhauer. Comparative morphology of glandular setae and distal claws of the crustacean remipede *Speleonectes tanumekes* (Crustacea). Society for Integrative and Comparative Biology
- 2006 Van der Ham and Felgenhauer. The functional morphology of the injecting apparatus of *Speleonectes tanumekes* (Crustacea: Remipedia). Gulf of Mexico Symposium
- 2005 Van der Ham and Felgenhauer. The comparative ultrastructure of the aesthetascs of *Speleonectes tanumekes* (Crustacea, Remipedia) and crustaceans from stressful environments. Society for Integrative and Comparative Biology

CURRICULUM VITAE - J.L. VAN DER HAM

INVITED SEMINARS

- 2018 Van der Ham. Keep calm and carrion. Washington Youth Summit on the Environment
- 2016 Van der Ham. Novel techniques in forensic entomology. Forensic Science Program, George Mason University.
- 2011 Van der Ham. Invertebrate Evolution and Ecology. School of the Coast and Environment, Louisiana State University.
- 2004 Van der Ham. The comparative ultrastructure of aesthetascs. Department of Biology, University of Louisiana at Lafayette

PROFESSIONAL SERVICE

Peer review: Journal of Natural History, Southeastern Naturalist, Journal of Applied Life Sciences International, Zoological Journal of the Linnean Society
Book review: Ecology in Action, Singer (ed.), Cambridge University Press, in press
Book review: Stable Isotope Ecology, Fry (ed.), Springer-Verlag New York Inc, 2006

PROFESSIONAL SKILLS

Geographic Information System
Stable Isotope techniques
Automated DNA sequencing
Scanning and Transmission Electron Microscopy
Curation of zoological collections
Fisheries techniques (trawl, seine, fyke net, etc.)
Operating small- to medium-sized research vessels
Technical scuba (full cave, side-mount, advanced nitrox, stage diving)