

HANNAH J. APPIAH-MADSON

The Ocean Genome Legacy Center, Northeastern University
Marine Science Center, 430 Nahant Road, Nahant, MA 01908
(781) 581-7370 x343, h.appiah-madson@northeastern.edu, www.northeastern.edu/ogl

PROFESSIONAL PREPARATION

Middlebury College, Middlebury, VT: Environmental Studies/Conservation Biology	B.A. 2009
Kent State University, Kent, OH: Ecology/Evolutionary Biology	M.S. 2012

APPOINTMENTS

2018-present	Collections Associate, The Ocean Genome Legacy Center, Northeastern University, Marine Science Center, Nahant, MA
2018	Research Technician, The Ocean Genome Legacy Center, Northeastern University, Marine Science Center, Nahant, MA
2014-2016	Research Technician, Great Salt Lake Ecosystem Program, University of Notre Dame, Notre Dame, IN and University of Notre Dame Environmental Research Center, Land O' Lakes, WI
2013	Contractor, Illinois Department of Agriculture, Chicago, IL
2012	Teaching Assistant, Department of Biology, Kent State University, Kent, OH
2009-2013	Research Assistant, Case Lab, Department of Biology, Kent State University, Kent, OH
2009	Teaching Assistant, Department of Biology, Middlebury College, Middlebury, VT
2008	Intern, Chengdu Research Base for Giant Panda Breeding, Chengdu, China
2007	NSF REU, Donald Danforth Plant Science Center, St. Louis, MO
2006	NSF REU, Marine Biological Labs, Plum Island, MA

PUBLICATIONS

Belovsky, G., C. Perschon, C. Larson, C. Mellison, J. Slade, H. Mahon, H.J. Appiah-Madson, P. Birdsey, J. Luft, R. Mosley, J. Neill, K. Stone, A. Kijowski, & J. Van Leeuwen. 2019. Overwinter survival of crustacean diapausing cysts: brine shrimp (*Artemia franciscana*) in Great Salt Lake, Utah. *Limnology and Oceanography*.

PRESENTATIONS

Appiah-Madson, H.J., R. Falco & D. Distel. 2019. OGL's marine DNA bank: Important applications to conservation and seafood security. The Society for the Preservation of Natural History Collections Meeting, Chicago, IL.

Falco, R., H.J. Appiah-Madson & D. Distel. 2019. Marine conservation and seafood security: how OGL's DNA bank advances research. Regional Aquatics Workshop (RAW), Columbus, OH.

Knox, E., A.L. Case, H.J. Appiah-Madson & C.M. Caruso. 2018. Post-glacial colonization of the Midwest by *Lobealia siphilitica*. Botany Meeting, Rochester, MN.

Madson, H.J., C.M. Caruso & A.L. Case. 2012. Do stochastic processes affect female distribution in a gynodioecious flowering plant? Botany Meeting, Columbus, OH.

Madson, H.J., C.M. Caruso & A.L. Case. 2012. A tale of two sexes: how stochastic processes affect sex-ratio variation in a flowering plant. Kent State University Department of Biological Sciences Seminar, Kent, OH.

- Madson, H.J., C.M. Caruso & A.L. Case. 2012. A tale of two sexes: how stochastic processes affect sex-ratio variation in a flowering plant. Kent State University Graduate Student Senate Symposium, Kent, OH.
- Madson, H.J., C.M. Caruso & A.L. Case. 2012. A tale of two sexes: how stochastic processes affect sex-ratio variation in a flowering plant. Midwest Ecology and Evolution Conference, Cincinnati, OH.
- Madson, H.J., C.M. Caruso & A.L. Case. 2011. Effects of non-selective mechanisms on sex-ratio variation in *Lobelia siphilitica*. Kent State University Graduate Student Senate Symposium, Kent, OH.
- Madson, H.J., C.M. Caruso & A.L. Case. 2011. Great Blue *Lobelia* (*L. siphilitica*) in the Toledo Metroparks. Wild Ones Meeting, Toledo, OH.
- Case, A.L., H.J. Madson, C.M. Caruso & E. Knox. 2010. Geographic structure and population sex ratio of gynodioecious *Lobelia siphilitica*: insights from chloroplast DNA sequence diversity. Evolution Meeting, Portland, OR.
- Madson, H.J. & T. Woodford-Thomas. 2007. Stability Analysis of a seed-based vaccine. REU Symposium, Danforth Plant Science Center, St. Louis, MO.
- Madson, H.J. & S. Sheldon. 2006. Effects of nutrient addition on algal productivity in a salt marsh. REU Symposium, Marine Biological Labs, Woods Hole, MA.

POSTERS

- Sharpe, A., S. Gayer, H.J. Appiah-Madson, R. Falco, D. Stein & D. Distel. 2019. Optimizing DNA Preservation: what is the active ingredient in DMSO-salt? RISE: 2019, Boston, MA.
- Sharpe, A., S. Gayer, H.J. Appiah-Madson, R. Falco, D. Stein & D. Distel. 2019. Optimizing DNA preservation for conservation efforts: what is the active ingredient in DMSO-salt? Massachusetts Association of Conservation Commissions Annual Environmental Conference, Worcester, MA.
- Chery, N., K. Parra, A. Evankow, D. Stein, D.L. Distel, H.J. Appiah-Madson, R. Ross, E. Sanon, N. Alomari, R. Johnson, A. Vasovic, A. Horowitz, H.L. Popa, B. Sort, D. Kourehajan, D.M. Vasquez, E. Rodriguez, D.M. Opresko & M.R. Brugler. 2018. Partnering with Ocean Genome Legacy to advance our understanding of black corals (Order Antipatharia). Deep Sea Biology Symposium, Monterey, CA.
- Madson, H.J., C.M. Caruso & A.L. Case. 2011. Effects of non-selective mechanisms on structured population sex-ratio variation in gynodioecious *Lobelia siphilitica* (Lobeliaceae). Botany Meeting, St. Louis, MO.
- Caruso C.M., A. Benscoter, N. Gale, E. Seifert, E. Mills, H.J. Madson, M. Bailey & A.L. Case. 2011. Heterosis and outbreeding depression in *Lobelia siphilitica*: Implications for habitat restoration. Botany Meeting, St. Louis, MO.