

David Haas

Duke University Marine Lab • 135 Marine Lab Road • Beaufort, NC 28516

Email: david.haas@duke.edu • Mobile: +1.206.295.9300

cetacean ecology and conservation • diving physiology and kinematics • digital tag development

E D U C A T I O N

Ph.D. Candidate, Marine Science and Conservation 2014 - Present
Duke University Marine Lab, Beaufort, NC

B.S. Biology • Marine Biology minor 2011 - 2013
University of Washington, Seattle, WA

P R O F E S S I O N A L E X P E R I E N C E

Executive Vice President, Chief Operating Officer; Chairman 2003 - 2010
PopCap Games, Seattle, WA;
PopCap Games International, Dublin, Ireland

Technology Archon 2002 - 2003
Sabertooth Games, Seattle, WA

Founder and Chief Technology Officer 2000 - 2001
Seer Logistics, Seattle, WA

Director, Information Technology 2000 - 2001
BootlegTV / BootlegNetworks, Seattle, WA

Manager, Information Technology and Network Operations 1999 - 2000
Visual Communications Group / Definitive Stock, Seattle, WA

Owner and Chief Technologist 1995 - 1999
Island Computer Solutions, Bainbridge Island, WA

P U B L I C A T I O N S

Marla M. Holt, M. Bradley Hanson, Candice K. Emmons, David K. Haas, Deborah A. Giles, Jeffrey T. Hogan (2019). Sounds associated with foraging and prey capture in individual fish-eating killer whales, *Orcinus orca*. *J. Acoust. Soc. Am.* 146 (5), November 2019

David Haas

Duke University Marine Lab • 135 Marine Lab Road • Beaufort, NC 28516

Email: david.haas@duke.edu • Mobile: +1.206.295.9300

cetacean ecology and conservation • diving physiology and kinematics • digital tag development

F E L L O W S H I P S A N D G R A N T S

National Geographic Explorer Grant (US\$50,000)	2020
Nicholas School Environmental Innovation and Entrepreneurship Grant (US\$10,000)	2019
Nicholas School of the Environment Summer Research Fellowship (US\$5,000.00)	2019
Nicholas School of the Environment Research Travel Fellowship (US\$2,000.00)	2019
National Science Foundation Graduate Research Fellowship (US\$112,000)	2014-2019
Robert W. Safrit, Jr., Fellowship (US\$14,000)	2014

A W A R D S A N D H O N O R S

Mary Gates Research Scholar, University of Washington (\$1,400)	2013
--	------

P R E S E N T A T I O N S A N D L E C T U R E S

World Marine Mammal Congress, Barcelona, Spain	2019
Diving in the deep? Sei whale (<i>Balaenoptera borealis</i>) diving behavior in the Southwestern Atlantic Ocean. Clarêncio G. Baracho Neto; Leonardo L. Wedekin; David K. Haas; Marta J. Cremer & Alexandre N. Zerbini	
Scottish Oceans Institute, St. Andrews University, UK	2019
FaunaTag and tagOS: an emerging non-invasive, bio-optical tag platform for investigating marine and terrestrial physiology and ecology	

David Haas

Duke University Marine Lab • 135 Marine Lab Road • Beaufort, NC 28516

Email: david.haas@duke.edu • Mobile: +1.206.295.9300

cetacean ecology and conservation • diving physiology and kinematics • digital tag development

Marine Megafauna, Duke University Marine Lab, Beaufort, NC 2018-2020
Southern Resident Killer Whale biology and conservation, and ecophysiology of marine megafauna.

Society for Marine Mammalogy's 22nd Biennial Conference 2017
Halifax, Nova Scotia, Canada

Listening for the dinner bell: Acoustic cues recorded from animal-borne tags to quantify foraging events in endangered fish-eating killer whales
Marla Holt, M. Bradley Hanson, Candice Emmons, Deborah Giles, Jeff Hogan, David Haas

Marine Genomics Research Symposium 2013
Friday Harbor Labs, Friday Harbor, WA
PAFAH1B1 and *NDEL1* in the Cetartiodactyla superorder: investigating adaptive evolution in two cerebral gyrification genes in *Orcinus orca* and *Tursiops truncatus*.

TEACHING EXPERIENCE

Co-instructor 2018, 2019
Sensors and Sensor Design, Duke University, Durham, NC

Teaching Assistant 2015
Marine Megafauna, Duke University, Durham, NC

RESEARCH EXPERIENCE

Co-investigator, MAPS Research Campaign, Mid-Atlantic Ocean, USA 2019
Cetacean tagging and passive acoustic monitoring project investigating deep-diving sperm and beaked whale ecology and habitat use in the mid-Atlantic Ocean.

Co-investigator, Project to Monitor Cetaceans, Santos Basin, Brazil 2015-present
Ongoing cetacean tagging and data analysis project investigating acoustic and behavioral ecology and habitat use of cetaceans in the Santos Basin, Brazil, using digital acoustic tags (Dtags) and video (CATS) tags. (Funding: US\$280,600)

David Haas

Duke University Marine Lab • 135 Marine Lab Road • Beaufort, NC 28516

Email: david.haas@duke.edu • Mobile: +1.206.295.9300

cetacean ecology and conservation • diving physiology and kinematics • digital tag development

Research Acoustician, Pacific *Orcinus* Distribution Survey (PODS) Cruise 2015

Investigated the seasonal distribution, behavioral and foraging ecology, and acoustic patterns of endangered Southern Resident Killer Whales throughout the Northeastern Pacific Ocean.

Field Biologist, Southern Resident Killer Whale Dtag Project 2014

Investigated Southern Resident Killer Whale acoustic patterns and effects of anthropogenic sound using suction cup attached acoustic dive tags.

Assistant Research Acoustician, PODS Cruise 2013

COMMUNITY INVOLVEMENT AND OUTREACH

Fundamentals of Computer Video Game Programming 2020

Durham Public Schools, Durham, NC

Duke University Marine Lab Open House 2016, 2017

Duke University Marine Lab, Beaufort, NC

Killer Whales in the Northeastern Pacific Ocean 2016

North Carolina School of Science and Mathematics, Durham, NC

PROFESSIONAL SKILLS

Marine Bioacoustics Workshop, Friday Harbor Labs 2013

Friday Harbor Labs, Friday Harbor, WA

Passive Acoustics Technician Training Course 2013

Bio-waves, Inc., San Diego, CA

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

International Biologging Society • Society for Marine Mammalogy • Acoustical Society of America