

THE **HUMAN**
VOYAGE

**UNDERGRADUATE RESEARCH IN
BIOLOGICAL ANTHROPOLOGY**

THE HUMAN VOYAGE

UNDERGRADUATE RESEARCH IN
BIOLOGICAL ANTHROPOLOGY

VOLUME 1, 2017



Australian
National
University

eVIEW



Published by ANU eView
The Australian National University
Acton ACT 2601, Australia
Email: enquiries.eview@anu.edu.au
This title is also available online at press.anu.edu.au

ISSN 2208-1984 (print)
ISSN 2208-1992 (online)

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying or otherwise, without the prior permission of the publisher.

Cover design and layout by ANU Press.

Front cover photograph by Peter Williams.

Opinions published in *The Human Voyage* do not necessarily represent those of The Australian National University, or the editors.

This edition © 2017 ANU eView

Contents

| | |
|--|-----|
| Wind suppresses calling in northern buff-cheeked crested gibbons (<i>Nomascus annamensis</i>) | 1 |
| Jessica Williams | |
| Taking care in prehistoric Latin America: A case study of care giving among hunter-gatherers in the Final Late Holocene | 17 |
| Terri Fisher | |
| Factors affecting energetic regulation of ovulation leading to birth seasonality in tropical and temperate subpopulations | 31 |
| Tess Johnson | |
| Environmental and health effects of early copper metallurgy and mining in the Bronze Age. | 45 |
| Sarah Martin | |
| Dealing with predators: Vigilance and alarm calling in primates | 63 |
| Phoebe Raff | |
| Primate social structure as a predictor of modes of communication and the ability to learn a human language. | 73 |
| Rebecca Jade Sullivan | |
| Skeletal evidence of torture: How can the past inform the present? | 87 |
| Victoria Tasker | |
| When the forest calls: My experience on the Primate Behavioural Ecology Field School in Cambodia | 97 |
| Cynthia Parayiwa | |
| So that their graves overlooked the sea: Student experience of the Philippines International Archaeological Field School. | 105 |
| Melandri Vlok | |
| Author biographies | 113 |