

EVOLUTION  
*of*  
MIND, BRAIN, *and* CULTURE

Penn Museum International Research Conferences  
Holly Pittman, Series Editor, Conference Publications

Volume 5: Proceedings of “Evolution of Mind, Brain, and Culture,”  
Philadelphia, September 27–30, 2007

PMIRC volumes

1. *Landscapes of Movement: Trails, Paths, and Roads in Anthropological Perspective*, edited by James E. Snead, Clark L. Erickson, and J. Andrew Darling, 2009
2. *Mapping Mongolia: Situating Mongolia in the World from Geologic Time to the Present*, edited by Paula L.W. Sabloff, 2011
3. *Sustainable Lifeways: Cultural Persistence in an Ever-changing Environment*, edited by Naomi F. Miller, Katherine M. Moore, and Kathleen Ryan, 2011
4. *Literacy in the Persianate World: Writing and the Social Order*, edited by Brian Spooner and William L. Hanaway, 2012

EVOLUTION  
*of*  
MIND, BRAIN,  
*and*  
CULTURE

---

EDITED BY

**Gary Hatfield and Holly Pittman**

University of Pennsylvania Museum of Archaeology and Anthropology  
Philadelphia

LIBRARY OF CONGRESS CATALOGING-IN-PUBLICATION DATA

Evolution of mind, brain, and culture / edited by Gary Hatfield and Holly Pittman.

pages cm

Includes bibliographical references and index.

ISBN-13: 978-1-934536-49-0 (hardcover : alk. paper)

ISBN-10: 1-934536-49-0 (hardcover : alk. paper)

1. Human evolution. 2. Brain--Evolution. 3. Language and language--Origin.

I. Hatfield, Gary C. (Gary Carl) II. Pittman, Holly.

GN281.E8928 2013

155.7--dc23

2012046591

© 2013 by the University of Pennsylvania Museum of Archaeology and Anthropology  
Philadelphia, PA

All rights reserved. Published 2013

Published for the University of Pennsylvania Museum of Archaeology and Anthropology  
by the University of Pennsylvania Press.

Printed in the United States of America on acid-free paper.