

# LYDIA E. O. LIGHT

Curriculum Vitae  
Fall 2017

Department of Anthropology  
The University of North Carolina at Charlotte  
9201 University City Blvd.  
Charlotte, NC 28223

Email: llight1@uncc.edu  
Website: lydiaeolight.com  
Twitter: @gibbonLydia

## EDUCATION

- Ph.D. Department of Anthropology, The University of Texas at San Antonio, 2016  
Dissertation Project: Life at the Extreme: The Behavioral Ecology of White-Handed Gibbons (*Hylobates lar*) Living in a Dry Forest In Huai Kha Khaeng Wildlife Sanctuary, Western Thailand  
Committee: Thad Q. Bartlett (chair), Tommaso Savini, Joanna Lambert, Michael Muehlenbein, K. Jill Fleuriet
- M.A. Department of Anthropology, The University of Texas at San Antonio, 2011
- B.Sc. University of Miami, Coral Gables, 2001

## PROFESSIONAL APPOINTMENTS

- 2016-2018 University of North Carolina at Charlotte – Full-time Lecturer in Biological Anthropology

## PUBLICATIONS

### Peer-Reviewed Journal Articles

- In Revision Light LEO, Savini T, Sparks C, and Bartlett TQ. White-handed gibbons (*Hylobates lar*) alter ranging patterns in response to habitat type. *American Journal of Physical Anthropology*. (Revise and resubmit)
- 2017 Butaric LN, Light LEO, Juengst SL. A Call for Action: Why Anthropologists Can (and Should) Join the Discussion on Climate Change through Education. *American Journal of Human Biology*.
- 2016 Bartlett TQ, Light LEO, Brockelman WY. Long-Term Home Range Stability In Wild White-Handed Gibbons in Khao Yai National Park, Thailand. *American Journal of Primatology*. 78(2):192-203.

### Encyclopedia Entries

- 2017 Bartlett TQ, Light LEO. Gibbons (Hylobatidae). *International Encyclopedia of Primatology*.
- 2017 Light LEO, Bartlett TQ. Pair Bonds. *International Encyclopedia of Primatology*.
- 2017 Bartlett TQ, Light LEO. Sexual Dichromatism. *International Encyclopedia of Primatology*.
- 2017 Bartlett TQ, Light LEO. Territory. *International Encyclopedia of Primatology*.
- In Press Bartlett TQ, Light LEO. Territoriality. *International Encyclopedia of Biological Anthropology*.

### Manuscripts In Preparation

Light LEO, Bartlett TQ, Poyas A, Nijland M, Keenan K, Nathanielsz P. Maternal activity, anxiety, and protectiveness during moderate nutrient restriction in captive baboons (*Papio hamadryas*). To be submitted to *Journal of Medical Primatology* October 15, 2017 (available upon request).

Light LEO, Savini T, and Bartlett TQ. Variations on a theme: white-handed gibbons (*Hylobates lar*) employ habitat-specific forms of relaxed territoriality in suboptimal forest in Western Thailand. To be submitted to *International Journal of Primatology* December, 2017.

Bartlett TQ, Light LEO, Dawreung T, Tantipisanuh N, Kamjing A, and Savini T. Ecological flexibility of gibbons in heterogenous mosaic forest in Western Thailand. To be submitted to *American Journal of Primatology* December, 2017.

Light LEO, Savini T, and Bartlett TQ. White-handed gibbons (*Hylobates lar*) in a mosaic forest alter their activity budgets and diets to cope with poor habitat quality. To be submitted to *American Journal of Primatology* January 2018.

### English Translations

- 2013 Simchareon S, Simchareon A, Duangchantrasiri S. *Tiger: Now or Forever*. Bangkok: PTT Exploration and Production Public Company Limited. 200 p.

### EXTERNAL GRANTS & FELLOWSHIPS

- 2017 American Society of Primatologists, Deb Moore Memorial Award for Early Career Primatologists (\$2,000)  
Project title: Interannual variation in fruit availability for white-handed gibbons (*Hylobates lar*) living in suboptimal habitat in western Thailand
- 2015-2016 American Association of University Women, American Dissertation Fellowship (\$20,000)  
Project title: Life at the Extreme: The Behavioral Ecology of White-Handed Gibbons (*Hylobates lar*) Living in a Dry Forest In Huai Kha Khaeng Wildlife Sanctuary, Western Thailand

- 2012-2013 National Science Foundation, Doctoral Dissertation Improvement Grant #1154603 (\$15,771)  
Project title: Diet, Ranging Patterns and Social Behavior of Lar Gibbons at Huai Kha Khaeng, Thailand: Exploring the Limits of Flexibility
- 2011-2012 Fulbright Foundation, US Department of State, Institute of International Education, U.S. Student Program Fellowship (\$13,533)  
Project title: Factors influencing within-species variation among white-handed gibbons (*Hylobates lar*)
- 2011 American Society of Primatologists, Small Research Grant (\$1,500)  
Project title: “Diet, Ranging Patterns and Social Behavior of Lar Gibbons at Huai Kha Khaeng, Thailand: Behavioral Flexibility or Phylogenetic Constraints?”

### **INTERNAL GRANTS & SCHOLARSHIPS**

- 2015 Department of Anthropology Small Grants Program for Doctoral Research (\$2,500)
- 2012 Department of Anthropology Alvarez Special Funds Scholarship (\$500)
- 2011 Department of Anthropology Small Grants Program for Doctoral Research (\$2,500)
- 2010-2011 COLFA Malú and Carlos Alvarez Graduate Research Fellowship (\$3,000)
- 2010-2011 Department of Anthropology Teaching Fellowship (\$20,000)
- 2010 Department of Anthropology Small Grants Program for Doctoral Research (\$2,500)
- 2009-2010 Department of Anthropology Teaching Assistant Fellowship (\$20,000)
- 2008-2009 University Teaching Fellowship (\$25,000)
- 2007-2008 Department of Anthropology Teaching Assistant Fellowship (\$20,000)

### **HONORS & AWARDS**

- 2016 The University of Texas at San Antonio University Life Awards – Most Outstanding Graduate Student in the College of Liberal and Fine Arts
- 2015 The University of Texas at San Antonio Ready, Set, Research! Competition – First Place, Doctoral Students
- 2015 American Association of Physical Anthropologists Pollitzer Student Travel Award
- 2015 The University of Texas at San Antonio Department of Anthropology Travel Awards for Doctoral Students
- 2014 The University of Texas at San Antonio UTSA Anthropology Graduate Student Association Travel Award
- 2013 The University of Texas at San Antonio Department of Anthropology Travel Awards for Doctoral Students
- 2011 The University of Texas at San Antonio Department of Anthropology Travel Awards for Doctoral Students

- 2010 The University of Texas at San Antonio Distinguished Teaching Assistant Competition – Outstanding Award
- 2010 The University of Texas at San Antonio Graduate Student Project Presentation Competition – Outstanding Award
- 2010 The University of Texas at San Antonio Department of Anthropology Travel Awards for Doctoral Students

## CONFERENCE ACTIVITY \*\*

### Papers

- 2017 Relaxed territoriality in white-handed gibbons (*Hylobates lar*) in a suboptimal forest in Western Thailand. American Anthropological Association Annual Meeting, Washington DC, November 29 – December 3. *Accepted*.
- 2016 The effect of territorial defense on home range estimation methods for wild lar gibbons (*Hylobates lar*) at two sites in Thailand. American Society of Primatologists-International Primatological Society Joint Congress, Chicago, IL, August 21-27, 2016.
- 2014 Ranging Behavior Among Wild White-Handed Gibbons (*Hylobates lar*) in a Mosaic Forest in Huai Kha Khaeng Wildlife Sanctuary, Western Thailand. American Society of Primatologists, Decatur, GA, September 12-15.
- 2013 Effect of habitat type on home range size in wild lar gibbons (*Hylobates lar*) at Huai Kha Khaeng Wildlife Sanctuary, Western Thailand. Association of Tropical Biology and Conservation Asia-Pacific Chapter, Banda Aceh, Indonesia, March 18-21.
- 2012 Diet, Ranging Patterns, and Social Behavior of Lar Gibbons: Exploring the Limits of Flexibility. 4th Mid-Year Enrichment Conference for U.S. Scholars and Students in South East Asia, Hanoi, Vietnam, March 14-17.
- 2010 Anthropological Primatology: offering promising perspectives on integrated conservation solutions. Society for Applied Anthropology, Merida, Mexico, March 24-27.
- 2009 Using Interactive Focus Groups to Assess Courses and Programs and to Strengthen Teaching. Lilly Arctic Institute on Innovations and Excellence in Teaching: Celebrating Authentic Learning, Fairbanks, AK, March 4-6.

### Posters

- 2017 Coping with low-quality habitat: white-handed gibbons (*Hylobates lar*) alter diet and activity patterns where figs are scarce. American Association of Physical Anthropologists, New Orleans, LA, April 19-22.
- 2016 When borders are contested: methodological and theoretical issues when mapping ranging behavior of territorial species. American Association of Physical Anthropologists, Atlanta, GA, April 13-16.
- 2015 Flowers or Figs: Dietary choices in wild white-handed gibbons (*Hylobates lar*) in western Thailand. American Association of Physical Anthropologists, St. Louis, MO, March 25-28.

- 2011 Exploring long-term range use among white-handed gibbons (*Hylobates lar*) in Khao Yai National Park, Thailand. American Association of Physical Anthropologists, Minneapolis, MN, March 12-16.
- 2010 Assessment of long-term characteristics of home range use among white-handed gibbons (*Hylobates lar*) in Khao Yai National Park, Thailand. International Primatological Society XXIII Congress, Kyoto, Japan, September 12-18.
- 2010 Mother-infant interactions during moderate global maternal nutrient restriction in captive baboons (*Papio hamadryas anubis*). American Association of Physical Anthropologists, Albuquerque, NM, April 14-17.
- 2009 Mother-Infant Interactions and Self-Directed Behavior During Moderate Maternal Nutrient Restriction in Captive Baboons. Third International Congress on the Future of Animal Research, Nakhon Pathom, Thailand, November 20-21.
- 2009 Effects of Moderate Maternal Nutrient Restriction on Stress Behaviors in Captive Baboons (*Papio hamadryas anubis*). American Society of Primatologists, San Diego, CA, September 18-21.

\*\* I presented research under my maiden name, Lydia E. Overbaugh, from 2009-2012.

### INVITED TALKS

- 2017 Understanding flexibility among the small apes, **Keynote Speaker** – Association of Zoo and Aquarium Docents and Volunteers Regional Conference, Greensboro, NC, October 26.
- 2015 Conducting primatological field research on wild gibbons in Western Thailand, St. Edward's University, Austin, TX, April 9.
- 2015 Introduction to Anthropological Primatology, Lindenwood University, St. Charles, MO, March 25.
- 2013 Conducting Gibbon Fieldwork in Thailand, St. Edward's University, Austin, TX, September 24.

### CAMPUS AND DEPARTMENTAL TALKS

- 2017 Understanding flexibility among the small apes. UNC Charlotte Departmental Brownbag Series, October 17.
- 2013 Long-Term Home Range Stability In Wild White-Handed Gibbons. Workshop Series on Society, Culture and the Environment, October 22.
- 2013 Ask a Graduate Student – What I Wish I Had Known When I Started. Workshop Series on Teaching & Professional Development in Anthropology, October 10.
- 2011 Getting to the Field. Department Brown Bag Event hosted by UTSA Lambda Alpha, April 20.
- 2009 Approaches to Teaching Evolution at UTSA. Workshop Series on Teaching & Professional Development in Anthropology, October 16.
- 2009 Preparing a Professional Portfolio. Workshop Series on Teaching & Professional Development in Anthropology, February 5.

## **TEACHING EXPERIENCE**

### **The University of North Carolina at Charlotte – Full-time Lecturer**

Spring 2017 – approved

Principles of Biological Anthropology

Neanderthals and Us

Global Climate Change and Health (undergrad/grad)

Field Biology of the Primates (undergrad/grad)

Fall 2017

Introduction to Anthropology – Active Learning Environment; 114 students

Principles of Biological Anthropology; 23 students

Primate Behavioral Ecology; 20 students

Graduate Seminar in Evolutionary and Biological Anthropology; 6 students

Spring 2017

Introduction to Anthropology – Active Learning Environment; 98 students

Principles of Biological Anthropology; 21 students

Principles of Biological Anthropology Lab; 2 sections, 21 students total

Primates in Peril; 32 students

Fall 2016

Introduction to Anthropology; 95 students

Principles of Biological Anthropology; 22 students

Principles of Biological Anthropology Lab; 2 sections, 22 students total

Neanderthals and Us; 6 students

### **The University of Texas at San Antonio – Instructor of Record**

Summer 2015

Physical Anthropology; 34 students

Spring 2015

Physical Anthropology; 42 students

Fall 2014

Introduction to Anthropology; 40 students

Fall 2013

Physical Anthropology; 82 students

Fall 2010

Physical Anthropology; 182 students

Spring 2010  
Physical Anthropology; 47 students

**The University of Texas at San Antonio – Teaching Assistant**

Fall 2009  
Introduction to Cultural Anthropology

Spring 2008  
Introduction to Cultural Anthropology

Fall 2007  
Introduction to Archaeology

**STUDENT SUPERVISION**

**Masters Degree Committee Member**

- 2017- Margaret Sobaszek, “Core area analysis in white-handed gibbons (*Hylobates lar*),” University of North Carolina at Charlotte (chair Jon Marks)
- 2016- Olawunmi Winful, “Assessing the Dilemma: African-American Hypertension Comparisons,” University of North Carolina at Charlotte (chair Jon Marks)
- 2016-2017 Adam P. Johnson, “Female Social Relationships and Grouping Patterns in Rhesus Macaques, Florida,” University of North Carolina at Charlotte (chair Jon Marks)

**UNC Charlotte Summer Program to Increase Diversity in Undergraduate Research (SPIDUR) Advisor**

- 2017 Jesús Cruz, “Impact of the Evolutionary Lineage on the Development of Morphological, Cultural, and Technological Trails of *Homo sapiens* and Neanderthals”

**RESEARCH EXPERIENCE**

- 2014 Physical Anthropology Data Coordinator, UTSA Quantitative Literacy Program
- 2011-2013 Researcher, Effect of habitat type on the behavioral ecology of wild lar gibbons (*Hylobates lar*) at Huai Kha Khaeng Wildlife Sanctuary, Western Thailand.
- 2009-2011 Research assistant and GIS data analyst, Assessment of long-term range use characteristics among white-handed gibbons (*Hylobates lar*) in Khao Yai National Park, Thailand.
- 2007-2011 Research assistant, Long-term effects of maternal nutrient restriction in captive baboons (*Papio hamadryas anubis*).

## **DEPARTMENTAL/UNIVERSITY SERVICE**

Campus Fulbright Advisory Committee, UNC Charlotte, 2017  
Departmental Honors Coordinator, UNC Charlotte Department of Anthropology, 2017-2018  
Advisor, UNC Charlotte Undergraduate Anthropology Club, 2016-2018  
Departmental Website Committee, UNC Charlotte Department of Anthropology, 2016-2018  
Guest Panelist, UTSA Provost's Summer Program, 2009  
Selection Committee, UTSA Distinguished TA Award, 2009  
Classroom Observer, UTSA Distinguished TA Award Nominee Assessment, 2009  
Quick Course Diagnosis Facilitator, UTSA Department of Biology, 2009  
Quick Course Diagnosis Facilitator, UTSA Department of Anthropology, 2009  
Classroom Observer, UTSA Department of Anthropology, 2009  
Workshop Coordinator, Anthropology Graduate Student Association at the University of Texas at San Antonio, 2008-2010.

## **COMMUNITY SERVICE**

Invited Speaker, Rotary District 7170 District Conference, Greek Peak Resort, NY, June 2014.  
Application Review Committee Member, 2013 Fulbright Thailand Open Competition  
Scholarship Program, Bangkok, Thailand, May 2013.  
Selection/Application Review Committee Member, 2013 Fulbright Thailand Study of the U.S.  
Institutes Program for faculty scholars and secondary school educators, Bangkok, Thailand,  
November 2012.  
Invited Speaker, 2013 Fulbright Thailand English Teaching Assistant Orientation, Bangkok,  
Thailand, October 2012.  
Invited Speaker, Rotary District 3330 Youth Exchange Program Inbound Student Orientation,  
Trang, Thailand, August 2012.  
Invited Speaker, AUA Exchange Program Outbound Student Cultural Training Retreat, Khao  
Yai, Thailand, July 2012.  
Application Review Committee Member, 2012 Fulbright Thailand Open Competition  
Scholarship Program, Bangkok, Thailand, May 2012.  
Invited Speaker, Rotary District 3330 Youth Exchange Officer Club Training Meeting, Cha-um,  
Thailand, May 2012.  
Plenary Session Speaker, Rotary International Pre-Convention Meeting, Bangkok, Thailand,  
May 2012.  
Panel Member, Rotary International Convention, Bangkok, Thailand, May 2012.

## **RELATED TRAINING & SKILLS**

2009 Certificate in College Teaching. Capstone Project: Approaches to Teaching Evolution at  
The University of Texas at San Antonio.

### **Languages**

Thai: Excellent speaking (professional and conversational); basic reading and writing  
Spanish: Beginner speaking, reading, and writing



## **Computing**

Macintosh and Windows computing platforms  
ArcInfo, ArcView Geographic Information Systems (GIS)  
Geospatial Modeling Environment (GME)  
QGIS Open Source Geographic Information System  
CyberTracker Data Collection Software  
SPSS Statistical Package  
JMP Statistical Package  
Microsoft Office (Word, Excel, PowerPoint, Access)  
Noldus Observer Behavioral Research Software  
AVID Video Editing Systems  
Final Cut Pro Video Editing Systems

## **PROFESSIONAL MEMBERSHIPS**

American Anthropological Society, 2017-present  
Association of Tropical Biology and Conservation, 2013, 2017-present  
American Association of Physical Anthropologists, 2009-present  
American Society of Primatologists, 2009-present

References available upon request