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<http://www.holohil.com/grant-program/>
<http://tanaproject.wordpress.com/2011/10/19/tana-river-blog/>

APPOINTMENT

Director of Undergraduate Studies, Spatial Sciences Institute, University of Southern California, 2018-Present

Lecturer, Spatial Sciences Institute, University of Southern California, 2016-Present

EDUCATION

Ph.D., Integrative and Evolutionary Biology (IEB), University of Southern California, Los Angeles, CA 2015

Graduate Certificate, Geographic Information Science and Technology, University of Southern California, Los Angeles, CA 2010

Political Science and Biochemistry Continuing Education Courses, Hunter College, City University of New York, NY 2005

Anthropology Continuing Education Courses, Columbia University, New York, NY 2004

Organic Chemistry Continuing Education Courses, University of Massachusetts, Amherst, MA 1999

Bachelor of Arts, Biology, Amherst College, Amherst, MA, 1998

Kenya Field Study Program, St Lawrence University, Nairobi, Kenya 1997

PUBLICATIONS

Refereed Journal Articles

Loyola LC, Moore T, Turcotte LP, Delgado, RA. Folivorous primates exhibit behavioral modifications to mediate variations in energy balance, 2017. (in revision)

Coiner-Collier S, Scott RS, Chalk J, Cheyne SM, Constantino P, Dominy NJ, Elgart AA, Glowacka H, Loyola LC, Ossi-Lupo K, Raguette-Schofield M, Talebi MG, Sala EA, Sieradzy P, Taylor AB, Vinyard CT, Wright BW, Yamashita N, Lucas PW, Vogel ER. (2016). Primate dietary ecology in the context of food mechanical properties. *Journal of Human Evolution*, 98:103-118. (available at <https://doi.org/10.1016/j.jhevol.2016.07.005>)

HONORS AND AWARDS

Undergraduate Research Assistant Program, University of Southern California (Faculty PI), 2017

Graduate Student Government Travel Grant, 2015

Jane Goodall Institute Grant, 2014

Women in Science and Engineering Merit Fellowship, 2014

IEB Merit Scholarship, 2013

Graduate Student Government Travel Grant, 2013

Jane Goodall Institute Travel Award, 2013

Academic Professional Development Dissertation Writing Group Award, 2013

Ford Foundation Dissertation Fellowship – Honorable Mention, 2011

Foster Graduate Fellowship, 2011-2012

USC College Gold Family Fellowship, 2011

IEB Merit Scholarship, 2011

Mayr Life Sciences Fellowship, 2009-2010

PRESENTATIONS

Conference and Workshop Presentations

Loyola LC, Moore T, Turcotte LP, Delgado, RA. The Tana River red colobus mediate seasonal variations in metabolizable energy intake through behavioral modifications. Paper presentation. *Joint Meeting of the International Primatological Society and American Society of Primatologists*, Chicago, IL. 2016.

Loyola LC, Delgado RA. The Tana River red colobus (*Procolobus rufomitratus*) exhibit behavioral flexibility to changes in habitat quality: A longitudinal and spatial comparison of behavioral ecology. Paper presentation. *84rd Annual Meeting of the American Association of Physical Anthropologists*, St. Louis, MO. 2015.

Loyola LC, Delgado RA. Surviving in the Tana: Behavioral Ecology and Conservation of the Tana River red colobus (*Procolobus rufomitratus*). Paper presentation. *Joint Meeting of the International Primatological Society and American Society of Primatologists*, Hanoi, Vietnam. 2014.

Loyola LC, Turcotte LP, Delgado RA. Validating the use of Urinary C-peptide as a measure of metabolizable energy intake in captive colobus monkeys – a variation on preservation methods. Poster. *36th Annual Meeting of the American Society of Primatologists*, San Juan, Puerto Rico. 2013.

E.R. Vogel, S. Coiner-Collier, R.S. Scott, J. Chalk, P. Constantino, H. Glowacka, **L. Loyola**, K. Ossi-Lupo, M. Raguette-Schoefield, M. Talebi, C.J. Vinyard, B.W. Wright, N. Yamashita, N.J. Dominy, P.W. Lucas. Do food material properties predict jaw and tooth morphology in primates? Poster. *82nd Annual Meeting of the American Association of Physical Anthropologists*, Knoxville, TN. 2013.

Loyola LC, Delgado RA. 2011. A proposed methodology for creating a GIS database framework for the analysis of red colobus (*Procolobus rufomitratus*) habitat. Poster. *Joint Meeting of the International Primatological Society and American Society of Primatologists*, Austin, TX. 2011.

Loyola, LC, Vogel, E, Zulfa, A, Delgado, RA. The physical properties of Northeast Bornean orangutan plant foods. Poster. *79th Annual Meeting of the American Association of Physical Anthropologists*, Albuquerque, NM. 2010.

Invited Lectures and Seminars

An Active-Learning Librarian Class Visit (Moderator), SSCI 165: Sustainable Science in the City. Spatial Sciences Institute, University of Southern California, Los Angeles, CA. 2017.

Restoring Urban Biodiversity, SSCI 165: Sustainable Science in the City. Spatial Sciences Institute, University of Southern California, Los Angeles, CA. 2017.

Food and Behavior: A Look at Red Colobus and Orangutans, Human Biology 200: The Human Animal. Human and Evolutionary Biology, University of Southern California, Los Angeles, CA. 2016.

Restoring Urban Biodiversity, Spatial Sciences 165: Sustainable Science in the City. Spatial Sciences Institute, University of Southern California, Los Angeles, CA. 2016.

Red Apes, Red Colobus, and Green Living, Presented to the USC Second Decade Society, San Diego Zoo, San Diego, CA. 2015.

From Red Apes to Red Colobus, Anthropology 200: Human Origins. Department of Anthropology, University of Southern California, Los Angeles, CA. 2014.

Careers in Biological Anthropology. Presented to Anthropology 200 students, University of Southern California, Los Angeles, CA. 2013.

The Evolution of Altruistic Behaviors. Anthropology 200: Human Origins. Department of Anthropology, University of Southern California, Los Angeles, CA. 2013.

Northeast Bornean Orangutan Food Properties. Presented at the Biology Departmental Seminar, Whittier College, Whittier, CA. 2011.

Community Ecology. Anthropology 309: Primate Social Behavior University of Southern California, Los Angeles, CA. 2010.

Biogeography, Speciation and Conservation. Anthropology 406: Theory & Method in Biological Anthropology University of Southern California, Los Angeles, CA. 2010.

Primate Communication. Anthropology 309: Primate Social Behavior University of Southern California, Los Angeles, CA. 2009.

Properties of Northeast Bornean Orangutan Plant Foods. BISC 549a: Integrative and Evolutionary Biology Seminar University of Southern California, Los Angeles, CA. 2009.

Workshop Attendance

USC LA Geospatial Summit. 2018.

Esri GeoDesign Summit – Educator Meeting, 2018.

Taylor Yard G2 GeoDesign Workshop 2018.

Diversity and Inclusion in Course Materials: A Practical Approach 2018.

Center for Excellence in Teaching (CET): New Faculty Institute 2017 – 2018.

Center for Excellence in Teaching (CET) Workshop: An Active-Learning USC Librarian Class Visit. 2017.

USC LA Geospatial Summit. 2017.

Center for Excellence in Teaching (CET) Workshop: Setting and Maintaining Academic and Behavioral Expectations in the Classroom. 2016.

Center for Excellence in Teaching (CET) Workshop: Managing Classroom Distraction from Cell Phones and Laptops. 2016.

Spatial Sciences Institute: Introduction to Spatial Sciences: Bring place and space into your Sociology Projects. 2016.

Arroyo Seco Feasibility Study Public Workshop. Pasadena, CA 2016

Joint Meeting of the International Society of Primatologists and the American Society of Primatologists: Roundtable on Diversity (panelist) Chicago, IL. 2016.

Center for Excellence in Teaching (CET) Workshop: The Arc of Academic Life: What to Expect Along the Journey from Graduate School to Tenure. 2016.

Spatial Sciences Institute: GeoDesign Workshop with Carl Steinitz. 2016.

Center for Excellence in Teaching (CET) Workshop: Peer Observation of Teaching as a Tool for Improving Teaching Effectiveness and Providing Mentoring & Support. 2015.

Non-tenure track (NTT)/ Research, Teaching, Clinician, Practitioner (RTCP) Faculty Mentoring workshops. 2015.

American Association of Physical Anthropologists: Committee on Diversity and Women's Mentoring Network. 2014.

American Society of Primatologists: Student Workshop: Teaching Portfolios and Strategies for the Teaching Job Search. 2013.

American Association of Physical Anthropologists: Women's Mentoring Network. 2013.

USC - Academic Professional Development: Enhancing Diversity in Graduate Education – Dissertation Writing Group. 2013.

RESEARCH

International Union for Conservation of Nature (IUCN) Red Colobus Monkey Action Plan
2016 - Present

Project Aim: To develop an action plan for the conservation and management of red colobus monkeys across Africa through international collaborations. Specific contribution is a temporal analysis of the change in riverine forest coverage along the Tana River region, Kenya.

Determining Habitat Partitioning by Tortoise Species in Madagascar Through Geo-referenced Field Data and Remotely Sensed Data

Madagascar and Los Angeles, CA, August 2017 – present

Project Aim: To examine the relationships between habitat type and ranging patterns of six tortoise species to parse out confounding factors of habitat partitioning, including longitudinal changes in microhabitats and variations by age and sex class, seasonality, and captive-bred versus wild tortoises.

Dissertation: A Spatio-temporal Analysis of the Energetics of the Tana River red colobus, Procolobus rufomitratu

Tana River Primate National Reserve, Tana River, Kenya, February – December 2012

Project Aim: To examine the relationship between metabolizable energy intake (MEI) of the Tana River red colobus (*Procolobus rufomitratu*) and habitat quality over variable seasons and habitats in the riverine forests of the Tana River.

The Physical Properties of Northeast Bornean Orangutan Plant Foods

Kutai National Park, East Kalimantan, Indonesia, June – August, 2009

Project Aim: To evaluate the mechanical properties of *Pongo pygmaeus morio* (*P.p. morio*) plant foods in East Kalimantan, Borneo.

Kenya's Forest Monkeys Project, International Field Assistant, Earth Watch Institute Expeditions Team Leader

Gede, Kenya, May – November, 2006 (PI: Steffen Foerster, PhD.)

Project Aim: This project studied the feeding ecology, social behavior, and physiological responses to stress of female *Cercopithecus mitis* (*C. mitis*).

Institute of Primate Research, Intern

Nairobi, Kenya, May 1997 (PI: Dr. Suleman)

Multiple projects including research on HIV medications and primate conservation.

PROFESSIONAL EXPERIENCE

Spatial Sciences Institute, University of Southern California

Spatial Modeling with GIS, Spatial Sciences 684, Lecturer, Spring 2018

Maps and Spatial Reasoning, Spatial Sciences 301, Lecturer, Fall 2017

Master's Thesis, Spatial Sciences 594a, Lecturer, Summer 2017

Master's Thesis, Spatial Sciences 594z, Lecturer, Fall 2016

Spatial Data Acquisition, Spatial Sciences 587, Lecturer, Fall 2016, Summer 2017, Fall 2017, Spring 2018

Master's Thesis, Spatial Sciences 594b, Lecturer, Summer 2016

Sustainability Science in the City, Spatial Sciences 165, Lab Instructor, Fall 2015 – Spring 2017

Maps and Spatial Reasoning, Spatial Sciences 301, Lab Instructor, Fall 2015

GPS/GIS Field Techniques, Spatial Sciences 587, Graduate Teaching Assistant, 2013

Department of Human and Evolutionary Biology, University of Southern California

The Human Animal, Human Biology 200, Lab Instructor, Spring 2016

The Human Animal, Human Biology 200, Graduate Teaching Assistant, 2014-2015

Department of Anthropology, University of Southern California

Human Origins, Anthropology 200, Graduate Teaching Assistant, 2014

Human Origins, Anthropology 200, Graduate Teaching Assistant, 2013

Human Origins, Anthropology 200, Graduate Teaching Assistant, 2010-2011

Human Origins, Anthropology 200, Graduate Teaching Assistant, 2008-2009

GRADUATE STUDENT ADVISEMENT

GIST M.S. Committee Chair

Colleen Makar – *Using GIS and Asset Management to Understand Hydrant Damages and Required Maintenance*, 2017

Shannon McLemore – *Spatio-Temporal Analysis of Wildfire Incidence in the State of Florida*, 2017

Marisol Maciel-Cervantes – *Site Selection for Higher Density Affordable Rental Housing Development: Applying the Weighted Linear Combination (WLC) Method in the City of Los Angeles, California*, 2016

Brian Jopp – *A Spatial Analysis of Violent Crime Cold Spots: Testing the Capable Guardian Component of the Routine Activity Theory*, 2016

Cynthia Burrows – *Developing an Archaeological Scientific Geodatabase to Chronicle Historical Perspectives at Bethsaida, Israel*, 2016

GIST M.S. Committee Member

Donald Borer – In progress, 2018

Sara Godfrey – In progress, 2018

Kristiane Hill – In progress, 2018

William Dickey – In progress, 2018

Kyle Burke – In progress, 2018

Tiffany Lee – In progress, 2018

Christine Placencia – In progress, 2018

Drew Cover – January, 2018

Quentina Borgic – September 2017

Sheldon Jessup – August 2017

Jessica Eselius – August 2017

Jonathan Alfonso – Map 2017

Angela Woods – May 2017

Ricky Holzer – December 2016

Matt Kline – August 2016

Mark P. Johnson – May 2016

Robert Alexander – May 2016

Shuk Wai So – May 2016

Yee Kit Sang – January 2016

Edgar H. Jimenez – January 2016

Faith Webster – December 2015

SERVICE, MEMBERSHIPS, and OUTREACH

Service to the Profession

Geographic Information Science and Technology Body of Knowledge, Reviewer, 2017

Centre for Tropical Environmental and Sustainability Science (TESS) Road Mapping Project, 2017.

Holohil Grant Program Review Committee, 2016-Present.

Service to the University of Southern California

USC Dornsife Faculty Council – Curriculum Caucus, 2016.

IEB Program Representative and Recruitment Table, SACNAS National Conference, 2014.

SACNAS USC Day – Graduate Student Panelist, 2014.

USC Enhancing Diversity in Graduate Education (EDGE) Programs – Graduate Student Panelist, 2013.

USC Graduate Student Prospective Program - Volunteer, 2013.

USC Latino Graduate Student Association (LGSA) – Student Advisor, 2010-2011.

USC Latino Graduate Student Association (LGSA) –Vice President, 2009-2010.

USC Latino Graduate Student Association (LGSA) – Latino Student Assembly Representative, 2008.

USC Circle K International – Biodiversity Conservation panelist, 2010.

Annual Black & White Ball – Planning committee/LGSA representative, 2009.

Alternative Careers in Science & Engineering (ASCE) – Co-Chair, 2010-2011.

Alternative Careers in Science & Engineering (ASCE) – IEB representative, 2009.

Female Undergraduates Educating and Leading in Science (F.U.E.L.S.) – mentor & panelist, 2009-2011.

Graduate Women in Biology, 2009-2015.

IEB Professional Development Seminar –engaged speakers for seminars, 2008.

Service to SSI

SSI Undergraduate Curriculum Review Committee, 2017

SSI Faculty Merit Review Committee, 2017 – 2018

SSI Faculty Merit Evaluation Committee, 2016 – 2017.

SSI GIST MS Student Jury, 2017.

SSI GIST MS Student Jury, 2016.

SSI Graduate Programs Review Committee, 2016.

SSI GIST Thesis Prize Committee, 2016.

SSI GIST MS Student Jury, 2016.

SSI GIST MS Student Jury, 2015.

Community Outreach

Baldwin Hills Elementary School – University of Southern California Liaison, Los Angeles, CA, 2017.

Healthy Living Course, University High School – Guest Speaker, Human evolution and the modern diet: disequilibrium, nutrition, and food availability, Los Angeles, CA, 2015.

Robert F Kennedy Community Schools, Community Career Day– School for the Visual Arts and Humanities, bilingual presenter, Los Angeles, CA, 2014.

Robert F Kennedy Community Schools, Community Career Day– School for the Visual Arts and Humanities, bilingual presenter, Los Angeles, CA, 2013.

Kongoloni Youth Conservation Initiative – Tree Nursery Development and Maintenance Workshop with Kenya Wildlife Services, Mchelelo Research Camp, Tana River, Kenya, 2012.

Hola Secondary School Visit – Discussant during secondary school visit to Mchelelo Research Camp, Tana River, Kenya, 2011.

PROFESSIONAL MEMBERSHIPS

Women In GIS 2017-Present

University Consortium of Geographic Information Science, 2017.

Society for Conservation GIS, 2015-Present.

Society for the Advancement of Chicanos and Native Americans in Science (SACNAS),
2010-Present.

International Society of Primatologists, 2009-Present. Ad hoc Committee on Diversity 2017-
Present

American Society of Primatologists, 2009-Present.

American Association of Physical Anthropologists, 2009-2016.

Animal Behavioral Society, 2009-2015.

OTHER PROFESSIONAL EXPERIENCE

Bograd Kids, Inc. – Accounting and Customer Service Manager, New York, NY, 2007-2008

Wildlife Conservation Society – Bronx Zoo – Volunteer, Mammal Department, Bronx, NY,
2005-2006

Dr. Robert G. Schwager, M.D./Smooth Touch Laser Center, Center Manager, Joint Commission
on Accreditation of Healthcare Organizations (JCAHO) Certification Team, New York, NY,
2004-2006

Biscuits & Bath Doggy Gym – General and Fiscal Manager and Translator, New York, NY,
1999-2004

Hampshire Veterinary Hospital – Assistant Veterinary Technician, Amherst, MA, 1998-1999

Wildlife World Zoo – Volunteer, Litchfield Park, AZ, 1997

LANGUAGES and SKILLS

Fluent in Spanish, Conversational Swahili and Indonesian.

Geographical Information Sciences and Technology (GIST) Certified; operation of Darvell
mechanical tester; ArcGIS; computer literate on multiple platforms.

March 5, 2018