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APPOINTMENTS

2019 Assistant Professor, Department of Biological Sciences. Southeastern Louisiana University

POSTDOCTORAL EXPERIENCE

2019 Postdoctoral researcher, Max Planck Institute for Animal Behavior. Supervisors: Dina Dechmann & Martin Wikelski
2015-19 Postdoctoral researcher, Max Planck Institute for Ornithology (MPIO). Supervisors: Dina Dechmann & Martin Wikelski
2013-15 Marie Skłodowska-Curie Postdoctoral Fellow. Zukunftskolleg & Department of Biology, University of Konstanz. *Social foraging and information discrimination in frugivorous bats*
2012-13 Smithsonian Tropical Research Institute (STRI) Postdoctoral Fellow. *Information and sociality: Do tent-making bats use roosts as information centers?* Supervisors: Rachel Page, Dina Dechmann, & John Christy

EDUCATION

2012 Doctor of Philosophy in Biological Anthropology. School of Human Evolution & Social Change (SHESC), Arizona State University. Dissertation title: *Development of ring-tailed lemur feeding ecology*. Advisor: Leanne Nash
2005 Master of Arts in Anthropology. SHESC, Arizona State University. Thesis title: *Spatial variation in the activity and positional behavior of Ateles geoffroyi ornatus and its relationship to forest disturbance*. Advisor: Leanne Nash
2001 Bachelor of Science in Anthropology, Biology, and the University Honors College, Grand Valley State University, Allendale, MI

PUBLICATIONS

*undergraduate student co-author

O'Mara MT, Wikelski M, Kranstauber B, Dechmann DKN. 2019. First three dimensional tracks of bat migration reveal large amounts of individual behavioral flexibility. *Ecology*. DOI: 10.1002/ecy.2762
O'Mara MT, Scharf A, Fahr J, Abedi-Lartey M, Wikelski M, Dechmann DKN, Safi K. 2019. Overall dynamic body acceleration in straw-coloured fruit bats increases in headwinds but not with airspeed. *Frontiers in Ecology and Evolution*. 7:200. DOI: 10.3389/fevo.2019.00200
van Toor ML, **O'Mara MT**, Abedi-Lartey M, Wikelski M, Fahr J, Dechmann DKN. 2019. Ecosystem services of African fruit bats depend on colony size. *Current Biology* 29(7):PR237-R238. DOI: 10.1016/j.cub.2019.02.033
O'Mara MT, Wikelski M, Kranstauber B, Dechmann DKN. 2019. Common noctules exploit low levels of the aerosphere. *Royal Society Open Science*. DOI: 10.1098/rsos181942.
Hiller T, Rasche A, Brändel SD, König A, Jeworowski L, **O'Mara MT**, Cottontail V, Page RA, Glebe D, Drexler JF, Tschapka M. 2019. Host biology and anthropogenic factors affect hepatitis virus infection in a Neotropical bat. *EcoHealth* 16:82-94. DOI: 10.1007/s10393-018-1387-5
Kohles JE*, Page RA, Dechmann DKN, **O'Mara MT**. 2018. Rapid behavioral changes during early development in Peters' tent-making bat (*Uroderma bilobatum*). *PLoS ONE* 13(10): e0205351. DOI: 10.1371/journal.pone.0205351
O'Mara MT, Wikelski M, Voigt CC, Ter Maat A, Pollock HS, Burness GP, Desantis LM, Dechmann DKN. 2017. Cyclic bouts of extreme bradycardia counteract the high metabolism of frugivorous bats. *eLife* 6:e26686. DOI: 10.7554/eLife.26686

- O'Mara MT**, Rikker S, Ter Maat A, Pollock HS, Wikelski M, Dechmann DKN. 2017. Heart rate reveals torpor at high body temperatures in lowland tropical free-tailed bats. *Royal Society Open Science*. 4:171359. DOI: 10.1098/rsos171359
- Dechmann DKN, Wikelski M, Elis-Soto D, Safi K, **O'Mara MT**. 2017. Determinants of spring migration departure decision in a bat. *Biology Letters* 13:20170395. DOI: 10.1098/rsbl.2017.0395
- Jones PJ, Hämsch F, Page RA, Kalko EK, **O'Mara MT**. 2017. Foraging and roosting behavior of the fringe-lipped bat on Barro Colorado Island, Panamá. *Acta Chiropterologica*. DOI: 10.3161/15081109ACC2017.19.2.010
- Keicher L, **O'Mara MT**, Voigt CC, Dechmann DKN. 2017. Stable carbon isotopes in breath reveal fast incorporation rates and seasonally variable but rapid fat turnover in the common shrew (*Sorex araneus*). *Journal of Experimental Biology* 220:2834-2841. DOI: 10.1242/jeb.159947
- O'Mara MT**, Blank D*, Bauer K*, Baldwin J*, Dechmann DKN. 2016. Common noctule bats are sexually dimorphic in migratory behaviour and size but not wing shape. *PLoS ONE* 11(11): e0167027. DOI: 10.1371/journal.pone.0167027
- Ramakers J, Dechmann DKN, Page RA, **O'Mara MT**. 2016. Frugivorous bats prefer information from novel social partners. *Animal Behaviour*. 116:83-87. DOI: 10.1016/j.anbehav.2016.03.021
- Gager Y, Gimenez O, **O'Mara MT**, Dechmann DKN. 2016. Group size, survival and surprisingly short lifespan in socially foraging bats. *BMC Ecology*. 16:2. DOI: 10.1186/s12898-016-0056-1
- Stockmaier S, Dechmann DKN, Page RA, **O'Mara MT**. 2015. No fever and leucocytosis in response to a lipopolysaccharide challenge in an insectivorous bat. *Biology Letters*. 11: 20150576. DOI: 10.1098/rsbl.2015.0576
- Fugère V, **O'Mara MT**, Page RA. 2015. Perceptual bias does not explain preference for prey call adornment in the frog-eating bat. *Behavioral Ecology and Sociobiology* 69:1353-1364. DOI: 10.1007/s00265-015-1949-2
- O'Mara MT**. 2015. Ecological risk aversion and juvenile ring-tailed lemur feeding and foraging. *Folia Primatologica*. 86:96-105. DOI: 10.1159/000368275
- Sauther ML, Gould L, Cuzzo FP, **O'Mara MT**. 2015. Ring-tailed lemurs: a species re-imagined. *Folia Primatologica*. 86:5-13. DOI: 10.1159/000370321
- Dechmann DKN, Wikelski M, Varga K, Yohannes E, Fiedler W, Safi K, Burkhard W-D, **O'Mara MT**. 2014. Tracking post-hibernation behavior and early migration does not reveal the expected sex-differences in a "female-migrating" bat. *PLoS ONE* 9(12):ee114810. DOI: 10.1371/journal.pone.0114810
- O'Mara MT**, Dechmann DKN, Page RA. 2014. Frugivorous bats evaluate the quality of social information when choosing novel foods. *Behavioral Ecology* 25:1233-1239. DOI: 10.1093/beheco/aru120
- O'Mara MT**, Wikelski M, Dechmann DKN. 2014. 50 years of bat tracking: device attachment and future directions. *Methods in Ecology & Evolution*. 5:311-319. DOI: 10.1111/2041-210X.12172
- O'Mara MT**, Hickey CM. 2014. The development of sex differences in ring-tailed lemur feeding. *Behavioral Ecology and Sociobiology* 68:1273-1286. DOI: 10.1007/s00265-014-1738-3
- Cuzzo FP, Head BR, Sauther ML, Ungar PS, **O'Mara MT**. 2014. Sources of tooth wear variation early in life among known-aged wild ring-tailed lemurs (*Lemur catta*) at the Beza Mahafaly Special Reserve, Madagascar. *American Journal of Primatology*. 76:1037-1048. DOI: 10.1002/ajp.22291
- O'Mara MT**, Hickey CM. 2012. Social influences on the development of ringtailed lemur feeding ecology. *Animal Behaviour*.84:1547–1555 DOI: 10.1016/j.anbehav.2012.09.032
- O'Mara MT**, Gordon AD, Catlett KK, Terranova CJ, Schwartz GT. 2012. The ontogeny of body mass dimorphism in galagos and lorises. *American Journal of Physical Anthropology* 147:11-20. DOI: 10.1002/ajpa.21600

FUNDED RESEARCH PROPOSALS

- 2017 **Company of Biologists**
From the wind tunnel to the field: using controlled speed- power curves to measure energetic expenditure using heart rate and accelerometry in Egyptian fruit bats.
- 2016 **Max-Planck-Förderstiftung**
Ecosystem service providers and disease vectors: Movement patterns of flying foxes in Africa
with Dina Dechmann and Martin Wikelski
- 2016 **German Society for Mammalian Biology**
Genetic structure of social networks and information use with Robert Kraus, Gisela Kopp, and Dina Dechmann

- 2015 **Young Scholars Fund, University of Konstanz.**
The ecology and energetics of social cooperation & selfish exploitation in foraging
- 2014-15 **National Geographic Society Global Exploration Fund**
Tropical solutions to temperate problems: heart rate and torpor use in free-ranging tropical birds with Dina KN Dechmann, R. Mark Brigham, Inge Müller, and Martin Wikelski
- 2013-15 **Marie Skłodowska-Curie Postdoctoral Fellowship, Zukunftskolleg University of Konstanz**
Social foraging and learning in fruit eating bats
- 2012-13 **Smithsonian Institute Postdoctoral Fellowship**
Information and sociality: Do tent-making bats use roosts as information centers?
- 2009-10 **J. William Fulbright Foundation Fellowship**
Effects of habitat degradation on lemur development
- 2010 **Arizona State University Graduate and Professional Students Association**
Development of sex differences in ring-tailed lemurs
- 2009 **National Science Foundation Doctoral Dissertation Improvement Grant**
Development of sex differences in ring-tailed lemur feeding ecology
- 2007 **Sigma Xi Grant in Aid of Research**
Stress hyporesponsivity as a life history strategy in juvenile and sub-adult ring-tailed lemurs
- 2007 **Primate Conservation, Inc.**
Socioecological influences on the development of sex differences in the feeding ecology of ring-tailed lemurs
- 2007 **Arizona State University (ASU) Graduate and Professional Students Association**
Development of sex differences in ring-tailed lemur feeding ecology
- 2007 **ASU School of Human Evolution & Social Change (SHESC) Research Grant**
Development of sex differences in ring-tailed lemur feeding ecology
- 2007 **ASU SHESC Research Grant**
Stress hyporesponsivity as a life history strategy in juvenile and sub-adult ring-tailed lemur
- 2005-07 **ASU Division of Graduate Studies Grant-in-Aid of Research**
- 2004 **Sigma Xi ASU Chapter**
Effects of feeding competition and habitat quality on cortisol levels in wild juvenile Lemur catta: The developmental and conservation consequences of stress”
- 2004 **ASU Department of Anthropology Research Grant**
Spatial variation in the activity and positional behavior of Ateles geoffroyi and its relationship to forest disturbance

AWARDS & RECOGNITIONS

- 2015 **Grand Valley State University College of Liberal Arts and Sciences Distinguished Alumnus**
- 2013 **Smithsonian Tropical Research Institute Travel Grant**
- 2012 **American Association of Physical Anthropologists William S. Pollitzer Travel Award**
- 2012 **ASU Graduate and Professional Students Association Travel Grant**
- 2012 **ASU Division of Graduate Studies Travel Grant**
- 2011 **American Association of Physical Anthropologists, Sherwood Washburn Student Prize**
- 2011 **American Association of Physical Anthropologists William S. Pollitzer Travel Award,**
- 2011 **ASU SHESC Travel Grant**
- 2010 **ASU SHESC Travel Grant**
- 2008 **ASU Dean’s Advanced Scholarship**

2004-08	National Science Foundation Graduate Research Fellowship
2003-07	ASU University Graduate Scholarship
2007	ASU SHESC Travel Grant
2007	ASU Division of Graduate Studies Travel Grant
2007	ASU Graduate and Professional Students Association Travel Award
2000-01	State of Michigan Competitive Scholarship
1999-01	Grand Valley State University (GVSU) Biology Department Outstanding Major
1999-00	GVSU Richard H. Flanders Anthropology Scholarship
1997-01	GVSU Faculty Scholarship
1997-01	GVSU Award for Excellence
1997-01	GVSU Dean’s List

INVITED TALKS

- University of Konstanz, Department of Biology. “*Bat energetics in ecological context*”. May 2018
- University of Scranton, Department of Biology. “*Social and physiological solutions to unpredictability*”. May 2018
- Brown University, Department of Ecology & Evolutionary Biology. “*Physiological voyeurism: bat energetic strategies in ecological contexts*”. July 2017
- Museum for Natural History & Leibniz Institute for Evolution and Biodiversity, Berlin. “*Finding social solutions to ecological constraints*.” September 2016.
- University of Zürich, Department of Evolutionary Biology and Environmental Studies. “*Finding social solutions to ecological constraints*.” April 2016.
- Tel Aviv University, The George S. Wise Faculty of Life Sciences. “*Finding social solutions to ecological constraints*.” January 2016.
- Grand Valley State University, Distinguished Lecture, Department of Anthropology. “*The ecology of social information*”. October 2015
- Department of Collective Behaviour, Max Planck Institute for Ornithology. “*Social eavesdroppers: information use & discrimination in bats*”. July 2015.
- University of Bern, Institute of Ecology and Evolution. “*Leveraging social information under energetic constraints*” May 2015.
- University of Konstanz, Zukunftscolleg lecture. “*Leveraging social information under energetic constraints*” January 2015.
- Smithsonian Tropical Research Institute Behavior Discussion Group, “*Social learning and information discrimination in bats*”. May 2014
- University of Konstanz, Department of Biology. “*Social learning and information discrimination in bats*”. December 2013

TEACHING EXPERIENCE

Lecturer

- University of Konstanz, Department of Biology. Biology Going Wild. I developed and taught methods, theory, and application of animal movement ecology for the 2016-2018 University of Konstanz immersion Master’s course “Biology Going Wild: Movement ecology, behavior & biology.”
- University of Konstanz, Department of Biology & the International Max Planck Research School for Organismal Biology. “Advanced writing”. I developed and taught a one-week intensive writing course for advanced doctoral students.
- University of Konstanz, Department of Biology. “Introductory Biostatistics with R” 2014 immersion Master’s course “Biology Going Wild”. I developed and taught a one-week introductory to mid-level programming and analysis course for spatial data using R.
- University of Konstanz, Department of Biology. I developed and taught methods & theory of animal movement ecology for the six-week 2013 University of Konstanz immersion Master’s course “Biology Going Wild: Radiotracking, behavior & biology.”

- Institute for Tropical Ecology & Conservation, Panama. “Primate Behavior & Ecology”. I developed and taught a 6-week field course in Panama that covered ecological and evolutionary theory, natural history, research project design, and analysis.

Guest Instructor

- Fire, cooking, and the dangers of over interpreting your data. Grand Valley State University Anthropology Capstone: Food & human ecology. October 2015.
- The evolution of primate life history. Grand Valley State University, Primatology. October 2015.
- Taught methods & theory of radio tracking and animal movement for University of Konstanz immersion Master’s course “Biology Going Wild: Radiotracking, behavior & biology”. 2013.
- Guest Lecturer on bat behavior & evolution. STRI – University of Illinois IGERT: Vertically Integrated Training with Genomics
- Lecturer & mini-course (in Spanish) on bat behavior and biology Curso de Introducción a las Ciencias Biológicas de Campo. Instituto de Investigaciones Tropicales Smithsonian, Gamboa, Panamá 2011. Lectures on bat biology and behavior, and helped 15 students from Latin America implement a small experiment including design, data collection, analysis and a 15 minute presentation.
- Lecturer & mini-course on neotropical ecology. “Biomimicry in Panama”, School of Design & School of Life Sciences, Arizona State University, Gamboa, Panamá. 2011.
- Lecturer & mini-course on primate ecology. Tropical Field Biology graduate field course, School of Life Sciences, Arizona State University, Gamboa, Panamá. 2011.

Teaching Associate. Arizona State University (2003-2009)

- Taught and developed laboratory modules for 8 sections of Bones, Stones, & Human Evolution (2003-2008)
- Taught 2 sections of Primatology (2006, 2008)
- Taught & developed laboratory modules for 1 section of Human Behavior through Stable Isotope Analysis (2009)
- Field Course Teaching Assistant: Maderas Rainforest Conservancy (2001-2005): Primate Behavior & Ecology (2 courses), Primate Behavior (2 courses). La Primavera, Costa Rica; DANTA: Primate Behavior and Conservation. El Zota, Costa Rica (2005).

UNDERGRADUATE* & GRADUATE** STUDENT MENTORSHIP

*María Camila Calderón Capote (Ludwig Maximilians Universität Munich, Germany)***. I advised Camila’s master’s project on density dependent foraging behaviour in straw-coloured fruit bats. We are currently preparing the manuscript for publications.

*Nina Richter (University of Konstanz, Germany)**. I advised Nina’s bachelor’s project that uses high resolution GPS+ACC tracking of neighborhoods of domestic house cats to understand how they inhibit or amplify predation rates and movement patterns. Nina’s thesis is forming the foundation for a Germany-wide community science project for high-resolution house cat tracking.

*Matthias Janisch (University of Konstanz, Germany)***. I advised Matthias’ master’s project on the use of heart rate to measure torpor use and energetics of a tropical nightjar in Panama, the common pauraque (*Nyctidromus albicollis*). Matthias’ project yielded some counterintuitive results that we are following up with additional experiments.

*Lara Keicher (University of Konstanz, Germany)***. I co-advised Lara’s Master’s project with Dina Dechmann on seasonal changes in metabolic incorporation rates, digestion, and metabolism in common shrews (*Sorex araneus*) that are associated with the Dehnel’s phenomenon (Journal of Experimental Biology DOI: 10.1242/jeb.159947).

*Dominik Blank (University of Konstanz, Germany)**. I advised Dominik’s bachelor’s thesis that explores the evolvability of sexual size and shape dimorphism in bat wings and how this is shaped by morphological integration and evolutionary constraint (PLoS ONE DOI: 10.1371/journal.pone.0167027).

*Sebastian Stockmaier (University of Konstanz, Germany)***. I co-advised Basti’s Master’s project with Dina Dechmann on effects of sex, and reproductive status on the innate immune response and fever in *Molossus molossus* in Panama. I supervised experimental design and data collection, analysis, and manuscript preparation (Biology Letters DOI: 10.198/rsbl.2015.0576).

- Karla Bauer (University of Konstanz, Germany)**. I co-advised Karla’s undergraduate thesis with Dina Dechmann on the evolution of sex differences in wing shape and size of the common noctule (*Nyctalus noctula*). I supervised project design, data collection and analysis (PLOS ONE DOI: 10.1371/journal.pone.0167027).
- Jip Ramakers (Utrecht University, Netherlands)***. I supervised the design, data collection, analysis, and manuscript preparation of Jip’s master’s project conducted at STRI that tested social novelty and interspecific social learning in two species of frugivorous bats (Animal Behaviour DOI:10.1016/j.anbehav.2016.03.021).
- Sebastian Rikker (University of Konstanz, Germany)***. I co-advised Sebas’ master’s project with Dina Dechmann on the relationship between heart rate, body temperature, and torpor in *M. molossus* in Panama. I supervised experimental design and data collection, and analysis and his results were incorporated into a larger project (Royal Society Open DOI: 10.1098/rsos171359).
- Jenna Kobles (Clemson University, USA)**. I advised Jenna’s undergraduate research experience in Summer 2014. Jenna was awarded a STRI internship to examine the in-roost dynamics of mother-infant pairs of *Uroderma bilobatum*. She presented preliminary results at the 2014 meeting of the North American Society for Bat Research. I supervised experimental design and data collection, analysis and the final manuscript preparation (PLOS ONE: . DOI: 10.1371/journal.pone.0205351).
- Katarina Varga (University of Konstanz, Germany)***. I co-advised Katarina’s master’s thesis with Dina Dechmann on the post-hibernation foraging behavior and migration of the common noctule in southern Germany. I supervised data collection, analysis, and write-up (PLOS ONE DOI: 10.1371/journal.pone.0114810).
- Cathriona Hickey (University of Leeds, UK)***. Cat was my primary field assistant during fieldwork at Beza Mahafaly Special Reserve, Madagascar and I supervised data collection of an independent project on scent marking, communication, and infant presence. Cat presented these results as a poster at the 2011 meeting of the American Association of Physical Anthropologists and is currently the Learning Manager at the ZSL Whipsnade Zoo.

SERVICE AND OUTREACH

- Invited grant reviews: U.S. National Science Foundation, German Science Foundation (Deutsche Forschungsgemeinschaft), German Academic Exchange Service (Deutscher Akademischer Austauschdienst), Bat Conservation International Student Research Scholarship, Holohil Systems Ltd.
- Invited journal reviewer: Acta Chiropterologica, Animal Behaviour, American Journal of Physical Anthropology, American Journal of Primatology, Axios Review, Behavioral Ecology and Sociobiology, Ecography, Folia Primatologica, Frontiers in Ecology and Evolution, Functional Ecology, International Journal of Primatology, Journal of Arid Environments, Journal of Experimental Zoology-A, Journal of Human Evolution, Journal of Mammalogy, Journal of Zoology, Madagascar Conservation and Development, Nature Communications, PeerJ, PLoS One, Royal Society Open Science, Scientific Reports
- Guest editor: Folia Primatologica
- Grant & student competition reviewer, & judge: Society for Integrative & Comparative Biology (2017), Gesellschaft für Primatologie (2017), North American Society of Bat Researchers (2015), American Associate of Physical Anthropology Student Prizes (2012-2014), ASU Graduate & Professional Students Association JumpStart grants (2008-2012)
- Organizer: Gamboa Seminar Series, Gamboa Panamá (2012-2013), ASU Graduates in Earth Life and Social Sciences (GELSS) annual conference (2005-2007)

PUBLIC OUTREACH

- Hoahrhein-Seminar für Mathematik & Naturwissenschaften “*Das Leben der Lemuren*” (Growing Up Lemur). Hoahrhein seminar for 8 – 10 year olds. (<https://www.hoahrhein-seminar.de/2017/10/vortrag-fuer-die-unter-und-mittelstufe-am-10-11-2107/>)
- Fritz-Erler-Schule, Pforzheim. “*Der Palmenflughund: Ein afrikanische Migration*” (The Straw-Coloured Fruit Bat: An African Migration). (2017)
- *The Bat Trackers*. TRÓPICOS January 2015: issuu.com/strinewspanama/docs/tropicos_jan_2015
- Max Planck Institute for Ornithology MaxCine public talks: Kids Go Science Exklusive, Kids Go Science, and Science Goes Public “*Das Leben der Lemuren*” (Growing Up Lemur) <http://www.orn.mpg.de/3451258/Teague-O-Mara-MaxCine-24-10-2014.pdf>
- Jack Hanna’s Into the Wild Episode 701: “*Panama: Going Batty*” (2013)

- Red Flag Magazine Issue 8, February 2014. “*A Night in the Life of a Scientist in the Field*” By Vanessa Boshoff. <http://redflag.org/magazine/issue-8/a-night-in-the-life-of-a-scientist-in-the-field/>
- International Science & Engineering Fair Sigma Xi judge (2005).

CONFERENCE ABSTRACTS AND PRESENTATIONS

- O'Mara MT**, Amorim F, Scacco M, McCracken G, Safi K, Mata V, Rebelo H, Wikelski M, Dechmann DKN. 2019. European free-tailed bats fly high with environmental energy and fly fast under their own power. Presented at Gordon Conference on Movement Ecology of Animals, Lucca Italy.
- O'Mara MT**. 2017. Numerical superiority is absolutely superior in ring-tailed lemur intergroup contests. Presented at the 15th meeting of the German Primate Society (Gesellschaft für Primatologie), Zürich, Switzerland.
- O'Mara MT**, Wikelski M, Voigt CC, ter Maat A, Pollock HS, Burness G, Desantis L, Dechmann DKN. 2017. Brief cyclic bouts of extreme bradycardia counteract explosive metabolic outbursts in frugivorous bats. Presented at the 5th International Berlin Bat Meeting.
- O'Mara MT**, Wikelski M, Voigt CC, ter Maat A, Pollock HS, Burness G, Desantis L, Dechmann DKN. 2017. Counter Strategies to high metabolic rates and rapid changes in energy expenditure in frugivorous bats. Presented at the Annual meeting of the Society for Integrative and Comparative Biology, New Orleans LA.
- Meredith SL, **O'Mara MT**. 2016. Development of female-dominance in lemurs coincides with androgenic development. *Am J Phys Anthropol* 159(S62): 227. Presented at the 85th Meeting of the American Assoc. of Physical Anthropology, Atlanta, Georgia.
- O'Mara MT**, Voigt CC, ter Maat A, Pollock HS, Burness G, Desantis L, Dechmann DKN. 2015. Explosive Metabolic Rates and Physiological Counter-Strategies in Tent-Making Bats. Presented at the 45th North American Society for Bat Research, Monterey CA.
- O'Mara MT**, Kranstauber B, Safi K, Wikelski M, Dechmann DKN. 2015. The air up there: reconstructing 3D foraging flights of the common noctule. Presented at the 4th International Berlin Bat Meeting: Movement Ecology of Bats.
- Hiller T, Rasche A, Brändel SD, König A, Jeworowski J, **O'Mara MT**, Cottontail V, Page R, Glebe D, Drexler JF, Tschapka M. 2015. Anthropogenic factors shape TBHBV infection patterns in the neotropical tent-making bat *Uroderma bilobatum*. Presented at the European Conference of Tropical Ecology Göttingen, Germany.
- Kohles J, Page RA, Dechmann DKN, **O'Mara MT**. 2014. Changes in roost behavior of tent-making bats (*Uroderma bilobatum*) during pup rearing. Presented at the 44th annual meeting of the North American Society for Bat Research, Albany NY.
- O'Mara MT**. 2014. Ring-tailed lemurs and the evolution of the primate juvenile period. *Am J Phys Anthropol* 153(S58): 199. Presented at the 83rd Meeting of the American Assoc. of Physical Anthropology, Calgary, Canada.
- O'Mara MT**, Wikelski M, Dechmann, DKN. 2013. 50 years of bat tracking: a review of device attachment and future directions. Presented at the 2013 International Bat Research Conference, San Jose Costa Rica.
- Dechmann DKN, **O'Mara MT**. 2013. Ecological niche and the evolution of social foraging. Presented at the 2013 International Bat Research Conference, San Jose Costa Rica.
- Page RA, Jones PL, **O'Mara MT**. 2013. Learning and flexibility in a neotropical frog-eating bat. Presented at the 2013 International Bat Research Conference, San Jose Costa Rica.
- O'Mara MT**, Dechmann DKN, Page RA. 2013. Frugivorous bats evaluate the quality of social information when choosing novel foods. Presented at the 50th Meeting of the Animal Behavior Society, Boulder CO
- O'Mara MT**. 2013. The ontogeny of sex differences in ring-tailed lemur feeding ecology: Costs of reproduction and niche partitioning *Am J Phys Anthropol* 150(S56): 210. Presented at the 82nd Meeting of the American Assoc. of Physical Anthropology, Knoxville, TN
- Bernal, XE, Touchon, J, **O'Mara MT**, Page, RA. 2012. Use of acoustic space in a high diversity Neotropical anuran community. Presented at the 49th Annual Meeting of the Animal Behavior Society. Albuquerque, NM. USA.
- O'Mara MT**. 2012. Ecological risk aversion and juvenile ring-tailed lemur feeding ecology. *Am J Phys Anthropol* 147(S54): 227. Presented at the 81st Meeting of the American Assoc. of Physical Anthropology, Portland, OR

- O'Mara MT.** 2011. Ontogeny of feeding ecology in ring-tailed lemurs. *Am J Phys Anthropol* 144(S52): 229. Presented at the 80th Meeting of the American Assoc. of Physical Anthropology, Minneapolis, MN
- Hickey CM, **O'Mara MT.** 2011. The effects of infant presence on the rate of olfactory communication in female ring-tailed lemurs. *Am J Phys Anthropol* 144(S52): 162. Presented at the 80th Meeting of the American Assoc. of Physical Anthropology, Minneapolis, MN
- Fogel A, **O'Mara MT,** Yamashita N. 2010. How diet affects gastrointestinal microbial communities: A study of two sympatric lemurs (*Lemur catta* and *Propithecus verreauxi*) in Beza Mahafaly Special Reserve, Madagascar. *Am J Phys Anthropol* 141(S50): 105. Presented at the 79th Meeting of the American Assoc. of Physical Anthropology, Albuquerque, NM.
- O'Mara MT.** 2008. The influence of habitat quality on juvenile ring-tailed lemur (*Lemur catta*) feeding ecology and glucocorticoid levels. *Am J Phys Anthropol* 135(S46): 165. Presented at the 77th, Meeting of the American Assoc. of Physical Anthropology, Columbus, Ohio
- O'Mara MT,** Meredith SL. 2007. Development of sex differences in ringtailed lemur feeding ecology and social behavior. Presented at International Congress Prosimians 2007, Ithala Game Reserve, South Africa
- O'Mara MT,** Catlett KK, Terranova CJ, Schwartz GT. 2007. A comparative analysis of the ontogeny of body mass dimorphism in lorisooids. *Am J Phys Anthropol* 132(S44): 180. Presented at the 76th Meeting of the American Assoc. of Physical Anthropology, Philadelphia, Pennsylvania
- O'Mara MT.** 2006. Spatial variation in the activity and positional behavior of *Ateles geoffroyi ornatus* and its relationship to forest disturbance at Estación Biológica La Suerte, Costa Rica. *Am J Phys Anthropol.* 129(S42): 141. Presented at the 75th Meeting of the American Assoc. of Physical Anthropology, Anchorage, Alaska
- O'Mara MT.** 2003. Forest degradation and demographic changes in *Ateles geoffroyi* at Estación Biológica La Suerte, Costa Rica. *Am J Phys Anthropol.* 120(S36): 161. Presented at the 72nd Meeting of the American Assoc. of Physical Anthropologists. Tempe, AZ
- Jelinek P, Garber P, Bezanson M, DeLuyker A, **O'Mara MT.** 2003. A preliminary study of travel routes and spatial mapping in Nicaraguan mantled howler monkeys (*Alouatta palliata*). *Am J Phys Anthropol.* 120(S36): 122. Presented at the 72nd Meeting of the American Assoc. of Physical Anthropologists. Tempe, AZ
- O'Mara MT,** Hunt KD. 2002. The Semliki Chimpanzee Project. The Newsletter, Primate Foundation of Arizona. 13(2): 1