

## CURRICULUM VITAE

William Scott McGraw

### PRESENT POSITION AND CURRENT MAILING ADDRESS

Professor (October 1, 2010 – Present)  
Department of Anthropology  
The Ohio State University  
4064 Smith Laboratory  
174 West 18<sup>th</sup> Avenue  
Columbus, OH 43210-1106

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### AFFILIATIONS

Professor  
Department of Evolution, Ecology and Organismal Biology  
The Ohio State University

Collaborative Scientist  
Division of Research Resources  
Yerkes National Primate Research Center  
Emory University  
Atlanta, GA

Co-Director: Tai Forest Monkey Project  
Centre Suisse de Recherche Scientifique  
Abidjan, Cote d'Ivoire

### PRIOR EMPLOYMENT

Associate Professor (Oct 1, 2003 – Sept 30, 2010)  
Assistant Professor (Oct 1, 1999 - Sept 30, 2003)  
Department of Anthropology  
The Ohio State University

Assistant Professor, Department of Anatomy (Sept 1, 1997-Aug 31, 1999)  
New York College of Osteopathic Medicine  
New York Institute of Technology  
Old Westbury, NY 11568

Post Doctoral Fellow (Sept 1, 1996 - Aug 31, 1997)  
New York College of Osteopathic Medicine

## EDUCATION

1996	Ph.D. SUNY at Stony Brook	(Anthropology)
1993	M.A. SUNY at Stony Brook	(Anthropology)
1989	M.A. University of Alabama	(Anthropology)
1987	B.A. Northwestern University	(Anthropology)

## HONORS AND AWARDS

2018	Harlan Hatcher Arts & Sciences Distinguished Faculty Award The Ohio State University
2015	Alumni Award for Distinguished Teaching The Ohio State University
2015	Social & Behavioral Sciences Award for Excellence in Graduate Student Mentoring The Ohio State University
2011	Joan N. Huber Faculty Fellow, Social & Behavioral Sciences The Ohio State University
2010	Presidents Salute to Undergraduate Academic Achievement The Ohio State University
2008	Presidents Salute to Undergraduate Academic Achievement The Ohio State University
2003	Excellence in Scholarship Award The Ohio State University (Mansfield)
1995	Norman Creel Prize (1st) for Research in Anatomical Sciences Department of Anatomical Sciences, SUNY at Stony Brook
1995	Weisinger Award For Distinguished Doctoral Student SUNY at Stony Brook

## TEACHING AND ASSISTANTSHIPS

2000 -	Instructor; The Living Primates, Primate Behavior, Primate Evolution, Primate Sexuality, Intro Physical Anthropology (Honors), Intro to Human Anatomy
1996-1999	Instructor; Human Gross Anatomy, New York College of Osteopathic Medicine

## TEACHING AND ASSISTANTSHIPS (cont.)

- 1994-1995 Instructor; Current Topics in Primatology, Primate Behavior and Ecology, Primate Evolution, SUNY at Stony Brook
- 1995 Teaching Assistant; Human Gross Anatomy, SUNY at Stony Brook
- 1991-1994 Lecturer; Primate Behavior and Ecology, Primate Functional Morphology  
SUNY at Stony Brook
- 1990-1994 Teaching Assistant; Intro. Physical Anthropology,  
Intro. Archaeology, SUNY at Stony Brook
- 1992 Supervisor; School of Social and Behavioral Sciences Computer Laboratory,  
SUNY at Stony Brook
- 1990-1994 Research Assistant; Department of Anatomical Sciences, SUNY at Stony Brook
- 1987-89 Supervisor; School of Social and Behavioral Sciences Computer Center,  
University of Alabama
- 1986 Research Assistant; Department of Anthropology, Northwestern University

## FIELD EXPERIENCE

- 1997 - Present Surveys of Endangered Primates in Ivory Coast and Ghana.
- 1993 - Present Behavior and Anatomy of Monkeys in Tai Forest, Ivory Coast.
- 1992 Chimpanzee Tool Use in the Tai Forest, Ivory Coast.
- 1991 Cercopithecoid Primates of the Lomako Forest, Zaire.
- 1990 Paleontological Expedition to the Crazy Mountains Basin, Montana.

## PROFESSIONAL SERVICE

- American Association of Physical Anthropology Advanced Planning Committee (2018-2020)
- Fulbright National Screening Committee: Africa Section (2016 - present)
- National Science Foundation Panel – SBE Postdoctoral Fellowships (2016)
- Regional Coordinator (West Africa) – IUCN/ SSC Primate Specialists Groups (2009 – 2018)
- American Association of Physical Anthropology Professional Development Awards  
Adjudication committee (2012-2016).
- National Science Foundation – Senior Panel – Physical Anthropology (2009 – 2011, 2017)

## PROFESSIONAL SERVICE (cont.)

Ohio Board of Regents Anthropology Panel; Articulation and Transfer (2005-Present)

National Science Foundation Dissertation Panel – Physical Anthropology (2006-2008)

AAPA Local Arrangements Committee - 2008

Scientific Advisory Board – *Primate Conservation Incorporated* (2003-Present)

IUCN Primate Specialist Group - Africa Section (1999 – Present)

West African Primate Conservation Action (WAPCA) (1999 – Present)

Expert Witness on Mangabey (Primate) Taxonomy: U.S. Fish and Wildlife

## EDITORIAL SERVICE

Associate Editor: *African Primates* (2008 - 2015)

Associate Editor: *American Journal of Physical Anthropology* (2008 - 2013)

Associate Editor: *Journal of Human Evolution* (2003 – 2008)

Editorial Assistant: *Evolutionary Anthropology* (1995-1996)

Manuscript Reviewer:

*American Journal of Physical Anthropology*, *Journal of Human Evolution*, *Evolutionary Anthropology*, *American Journal of Primatology*, *International Journal of Primatology*, *Canadian Journal of Zoology*, *African Zoology*, *Acta Zoologica Sinica*, *Biological Journal of the Linnean Society*, *African Journal of Ecology*, *American Anthropologist*, *Folia Primatologica*, *Behavior*, *Journal of Raptor Research*, *Biodiversity and Conservation*, *The Wilson Journal of Ornithology*, *Biology Letters*, *Nature*, *Mammal Review*.

Grants reviewed: Leakey Foundation, Primate Conservation Inc., National Geographic Society, Royal Anthropological Institute of Great Britain & Ireland, National Science Foundation.

## TEACHING AND RESEARCH INTERESTS

Primate Behavior, Ecology and Conservation  
Physical Anthropology (Primate Evolution and Adaptation)  
Comparative Primate Anatomy and Functional Morphology  
Human Gross Anatomy

## SOCIETY MEMBERSHIPS

American Association of Physical Anthropologists  
International Primatological Society  
American Society of Primatology  
New York Academy of Sciences  
American Association for the Advancement of Science  
Sigma Xi

LANGUAGE PROFICIENCIES: French, Spanish

## UNIVERSITY SERVICE

Social & Behavioral Sciences Promotion and Tenure Committee (2011-2016)  
Arts and Sciences Faculty Advisory Council (2010 – 2013)  
Arts and Sciences Investigation Committee (2010 – present)  
SBS Investigation Committee (2007 – present)  
Social & Behavioral Sciences Curriculum Committee (2004 – 2013)  
Chair, Social & Behavioral Sciences Curriculum Committee (2006-2007)  
Undergraduate Advisor: Dept. Anthropology (2003 – present)  
Chair: Undergraduate Studies, Dept. Anthropology (2003 – present)  
Search Committee for OSUM Anthropology faculty position (2003)  
Chair: Speakers Comm: Dept. Anthropology (2008-2009)  
Chair: Curriculum Comm: Dept. Anthropology (2003 – present)  
Darwin Celebration Planning Committee (2007-2008)  
Technology Comm: Dept. Anthropology (2004 – 2010)  
Computer Comm: OSUM (2002-2003)  
Chair: Professional Development Comm, OSUM (2001 - 2003)  
Professional Development Comm: OSUM (2000 - 2001)  
Search Comm: Health Science Librarian OSUM (2000)  
Search Comm: Academic Advisor OSUM (1999)  
Curriculum Comm: New York College of Osteopathic Medicine (1997-1999)

## GRADUATE EDUCATION INVOLVEMENT

### Current Students (Advisor)

Joe Geherty	(2017 – present)
Alex Wilkins	Completed MA in 2017 (OSU)
Tim Sefczek	Completed PhD in 2018 (OSU)
Erin Kane	Completed PhD in 2017 (OSU)
Noah Dunham	Completed PhD in 2017 (OSU)
Roland Wa	Completed PhD 2016 Dept of Biology, University of Cocody, Ivory Coast
Cathy Cooke	Completed PhD in 2012 (OSU)
Heather Jarrell	Completed PhD in 2011 (OSU)
Rob Schubert	Completed PhD in 2011 (OSU)
Tracie McKinney	Completed PhD in 2010 (OSU)
Omar Ulvi	Completed MA in 2008 (OSU)
Anderson Bitty	Completed PhD in 2008 (University of Cocody, Ivory Coast)
Sarah Adamson	Completed MA in 2007 (OSU)

### Committee Member:

Uma Challa, Erica Chambers, Judith Corr, Ellen Furlong, Chris Gibbons, Randee Hunter, Jennifer Krasno, Sarah Martin, Michael Masters, Liz Perrin, Michelle Rodrigues, Jessica Walz, Jennifer Pederson Weinberger, Dara Adams, Jesse Goliath

### Undergraduate Honors Theses Advised

Luke Fannin (2018), Alysse Eberhard (2016), Annie Witte (2011), Amy Eakins (2010), Ryan Covey (2006)

## GRANTS

- 2014-2019 Collaborative Research: Biomechanical significance of bone material variation in the primate locomotor skeleton.  
(Collaborative proposal with David Daegling and Daniel Schmitt)  
National Science Foundation # BCS 1440278
- 2013 Overcoming Logistical Difficulties in Acquiring *Sacoglottis gabonensis* from Ivory Coast for Medicinal Chemistry Research.  
(WS McGraw, Y Vodovotz and Esperanza Carcache de Blanco)  
Gateway Research Seed Grant Submitted to Office of International Affairs
- 2012 Conservation of threatened primates of Dassioko Sud and Port Gauthier forest reserves in coastal Côte d'Ivoire.  
(Co-PI with S Gonedele Bi and EA Bitty)  
Conservation International
- 2012 Nutritional and chemopreventive properties of *Sacoglottis gabonensis*.  
(with Yael Vodovotz and Esperanza Carcache de Blanco)  
OSU Food Innovation Center
- 2009 - 2012 Functional and ecological correlates of bone material variation in cercopithecoid mandibles.  
(Collaborative proposal with David Daegling and Andrew Rapoff)  
National Science Foundation # BCS 0921770
- 2008-2009 Conservation of three endangered monkey species (*Procolobus badius waldroni*, *Cercocebus atys lunulatus* and *Cercopithecus diana roloway*) in the Ehy forest, southeastern Côte-d'Ivoire.  
(Co-PI with Inza Kone)  
Conservation International
- 2008 – 2009 Feeding Behavior and Food Material Properties Among Cercopithecoid Monkeys in the Tai Forest, Ivory Coast.  
National Science Foundation # 0840110
- 2007-2008 Promoting West African primate biodiversity by developing molecular markers to aid in conservation  
(Co-PI with Todd Disotell and Klaus Zuberbuhler)  
Conservation International
- 2005-2009 The Tai Monkey Project, Ivory Coast  
Yerkes National Primate Research Center

GRANTS (con.t)

- 2003 Genetics and Infectious Diseases in the Monkeys of the Tai Forest, Ivory Coast.  
The National Geographic Society
- 2001 Project Grant: The Tai Forest Monkey Project  
Margot Marsh Biodiversity Foundation
- 2001 Conservation of Miss Waldron's Red Colobus (*Procolobus badius waldroni*)  
Primate Action Fund (Conservation International)
- 2000 The Functional Anatomy and Behavior of Anthropoid Primates in the Ivory  
Coast's Tai National Park  
Ohio State University Seed Grant
- 2000 The Cognitive Capacities of Two Forest Primates  
(Co-PI with Ronald Noe, Klaus Zuberbuhler and Johannes Refish)  
The Leakey Foundation
- 2000 Conservation in the Ivory Coast's Tai National Park  
The Columbus Zoo
- 2000 Survey of Ivory Coast's Ehi Lagune Forest: Conservation of Miss Waldron's Red  
Colobus Monkey and Other Endemic Cercopithecids  
Primate Conservation International
- 2000 Survey of Ivory Coast's Ehi Lagoon Forest: Conservation of Miss Waldron's Red  
Colobus Monkey and Other Endemic Cercopithecids  
Conservation International
- 1998 The Skeletal and Dental Anatomy of Papionin Monkeys  
The Leakey Foundation
- 1996 Census of Endangered Primates of West Africa  
Chicago Zoological Society
- 1996 Census of Endangered Primates of West Africa  
Conservation International
- 1996 Census of Endangered Primates of West Africa  
Royal Zoological Society of Scotland
- 1996 Survey of Endangered Primates in Ghana and Ivory Coast.  
American Society of Primatology



GRANTS (cont.)

- 1996            Primates of the Dahomey Gap, West Africa  
Primate Conservation Incorporated
- 1995            Locomotor Ecology of Sympatric Cercopithecids  
Department of Anthropology Grant In Aid of Research  
SUNY at Stony Brook
- 1992            The Behavioral Ecology of Allen's Swamp Monkey (*Allenopithecus nigroviridis*) in Central Zaire  
The Douroucouli Foundation
- 1992            Anatomical Correlates of Ecological Niche Separation in Cercopithecoid Primates  
Sigma Xi Grant in Aid of Research
- 1992            Niche Separation in Monkeys of the Congo Basin  
DPAS Grant in Aid of Research, SUNY at Stony Brook
- 1991            Niche Separation in Anthropoid Monkeys  
The Chicago Zoological Society
- 1991            Census and Habitat Preference of the Lomako Forest Monkeys  
Conservation International
- 1991            Mapping the Lomako Forest, Zaire  
DPAS Grant in Aid of Research, SUNY at Stony Brook
- 1991-1994      Travel Grants from Department of Anthropology  
SUNY at Stony Brook

## PUBLISHED ABSTRACTS AND CONFERENCE PRESENTATIONS

Oldershaw L, O'Hara M, D Guatelli-Steinberg, WS McGraw (2019) Variation in enamel formation front angles and enamel thickness in anterior and posterior cercopithecoid teeth. *Am J Phys Anthropol*.

Fanin LD, D Guatelli-Steinberg, E Geissler, P Constantino, WS McGraw (2019) Frequency of enamel chipping in Tai Forest cercopithecids: Implications for dietary reconstruction in paleoanthropological contexts. *Am J Phys Anthropol*.

G Calhoun, D Guatelli-Steinberg, E Lagan, PE Morse, WS McGraw (2019) Dental macrowear, diet and anterior tooth use in *Ptilocolobus badius* and *Colobus polykomos*. *Am J Phys Anthropol*.

E Geissler, WS McGraw, DJ Daegling (2019) Dentin hardness distribution and chewing frequency in two sympatric colobines. *Am J Phys Anthropol*.

SE Lad, WS McGraw, DJ Daegling (2019) Bone remodeling in the macaque (*Macaca fascicularis*) skeleton: effects of loading frequency and magnitude. *Am J Phys Anthropol*.

AJ Rapoff, WS McGraw, DJ Daegling (2019) Spatial autocorrelation of bone material stiffness and its implications for skeletal toughness. *Am J Phys Anthropol*.

Geherty J and WS McGraw (2019) Oral processing behaviors of captive mandrills (*Mandrillus sphinx*). *Am J Phys Anthropol*.

McGraw WS, DJ Daegling, N Dunham, E Kane, T Polvadore (2018) Field perspectives on primate locomotion and functional morphology. *Am J Phys Anthropol* Supp 16:171-172.

Rapoff A, N Dunham, EE Kane, WS McGraw (2018) Associations between humeral head curvature and habitat use in cercopithecoid monkeys. *Am J Phys Anthropol* Supp 16:220.

Fanin LD, D Guatelli-Steinberg, E Geissler, P Constantino, WS McGraw (2018) Frequency of enamel chipping in Tai Forest cercopithecids: Implications for dietary reconstruction in paleoanthropological contexts. *Midwest Primate Interest Group*. Bloomington, IN.

Geherty J and WS McGraw (2018) Oral processing behaviors of captive mandrills (*Mandrillus sphinx*). *Midwest Primate Interest Group*. Bloomington, IN.

Kane EE, WS McGraw, T Laman, TW Susanto, C Knott (2018) Ingestive behavior of Bornean orangutans (*Pongo pygmaeus wurmbii*): coping with mechanical challenges while foraging. *Am J Phys Anthropol* Supp 16:136.

Traff J, DJ Daegling, WS McGraw (2018) Sex differences in diet composition and oral processing behaviors in colobines in Tai National Park, Cote d'Ivoire. *Am J Phys Anthropol* Supp 16:276.

PUBLISHED ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.)

Harper CM, DM Goldstein, DJ Daegling, WS McGraw, CB Ruff (2018) Long bone structural proportions and locomotion in cercopithecoids. *Am J Phys Anthropol* Supp 16:112-113.

Polvadore TA, DJ Daegling, WS McGraw (2018) Relationship of hip and knee joint angles to leaping in two African colobine species. *Am J Phys Anthropol* Supp 16:211.

Fannin L, WS McGraw (2018) Circumorbital rim variation in Western red colobus (*Piliocolobus badius badius*) and its potential role as a sexually selected trait. *Am J Phys Anthropol* Supp 16:81-82.

Bitty EA, Sery GS, WS McGraw (2018) Accelerating deforestation and hunting in protected reserves jeopardize primates in southern Cote d'Ivoire. *Int Primatological Society*, Nairobi.

Kane EE, NT Dunham, DJ Daegling, WS McGraw (2018) Cranial morphology of wild and captive papionins: diet and development. *Int Primatological Society*, Nairobi..

Bitty EA, Sery Bi, G, A Kouassi, WS McGraw (2017) Anthropogenic activities jeopardize primate populations in coastal forests of Ivory Coast. *African Society of Primatology*

Sery Bi, G, EA Bitty, WS McGraw (2017) Is there hope for the primates of Dassioko and Port Gauthier Forest Reserves? *African Society of Primatology*. Abidjan.

Wilkins MA, WS McGraw, EE Kane (2017) Interannual variation in *Piliocolobus badius* diet in Cote d'Ivoire's Tai National Park: implications for conservation. *Am J Phys Anthropol*. 162(S64):409-410.

Kane EE, A van Casteren, MA Wilkins, JN Traff, SE Lad, DJ Daegling, WS McGraw (2017) Diana monkey (*Cercopithecus diana*) experience fewer mechanical challenges during periods of low fruit availability. *Am J Phys Anthropol*. 162(S64):237

Polvadore T, EE Kane, MA Wilkins, F Gnepa, DJ Daegling, WS McGraw (2017) Niche partitioning, diet and oral processing behaviors in three sympatric guenons in the Tai National Park, Cote d'Ivoire. *Am J Phys Anthropol*. 162(S64):319

Traff JN, MA Wilkins, EE Kane, DJ Daegling, WS McGraw (2017) Oral processing profiles of three sympatric colobines in Tai National Park, Cote d'Ivoire. *Am J Phys Anthropol*. 162(S64):385.

Rapoff AJ, D Yankova, WS McGraw, DJ Daegling (2017) Effect of periodontal ligament properties on stress gradients in alveolar bone. *Am J Phys Anthropol*. 162(S64):328.

Lad SE, WS McGraw, DJ Daegling (2017) Variation in osteon size in the cercopithecoid femur and its implications fo bone fracture toughness. *Am J Phys Anthropol*. 162(S64):254.

PUBLISHED ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.)

Geissler E, DJ Daegling, TA Polvadore, WS McGraw (2017) Female sooty mangabeys (*Cercocebus atys*) select softer foods than males. *Am J Phys Anthropol*. 162(S64):192.

Daegling DJ, JD Pampush, WS McGraw (2017) Subfamily affiliation conditions bone stiffness in Tai monkeys. *Am J Phys Anthropol*. 162(S64):156.

Kane E, WS McGraw, J Brown (2016) Fecal glucocorticoids, feeding behavior, and sociality among free-ranging female Diana monkeys (*Cercopithecus diana*) in Tai, Cote d'Ivoire. *International Primatological Society*. Chicago.

Dunham N, E Kane, WS McGraw (2016) Forelimb use during foraging in three African colobines: evidence for behavioral constraints. *International Primatological Society*. Chicago.

Kane E, WS McGraw (2016) Dietary preference does not reflect food mechanical properties: hardness, selectivity, and the Diana monkey diet. *International Primatological Society*. Chicago.

Kane E, WS McGraw, JS Field (2016) Spatial and temporal dimensions of Diana monkey feeding behavior in Tai National Park, Cote d'Ivoire. *International Primatological Society*. Chicago.

Galluscio R, WS McGraw, AJ Rapoff, DJ Daegling (2016) Hierarchical variation of bone hardness in the colobine femoral midshaft. *Am J Phys Anthropol* 159:150.

Lad SE, WS McGraw, DJ Daegling (2016) Secondary bone distribution in the humerus and femur of four West African cercopithecoid monkeys. *Am J Phys Anthropol* 159: 200.

Polvadore TA, WS McGraw, DJ Daegling (2016) Relationship of proximal femoral morphology to leaping in two African colobine monkeys. *Am J Phys Anthropol* 159: 254.

Geissler E, DJ Daegling, WS McGraw (2016) Relationship between macrowear and dentin hardness in *Macaca fascicularis* molars. *Am J Phys Anthropol* 159:152 .

Rapoff AJ, JW Coull, WS McGraw, DJ Daegling (2016) Inhomogeneous nature of canine composition does not affect their isostress shape. *Am J Phys Anthropol* 159: 264.

Kouassi RWY, WS McGraw, B Bonfoh, J Brunet, S Perrotey, E Candofi, EK N'Goran (2015) Giardose et oesophagostomose nodulaire au Parc National de Tai: risqué zoonotique? 28<sup>th</sup> Colloque Francophone De Primatologie: 51.

Kouassi R, B Bonfoh, B Mathieu, S Perrotey, J Brunet, E Candofi, WS McGraw, E N'Goran (2015) Titre: Giardose et oesophagostomose nodulaire au Parc National de Tai: risqué zoonotique? *Congres de la Societe Francaise de Parasitologie*:11.

PUBLISHED ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.)

Dunham N, E Kane, WS McGraw (2015) Scapular geometry and forelimb use in four sympatric cercopithecids. *Am J Phys Anthropol* Supp 60:125.

Massimin, JL, WS McGraw, DJ Daegling (2015) Microindentation testing of olive colobus mandibles suggests role of phylogenetic affinity in determination of mandibular bone material properties. *Am J Phys Anthropol* Supp 60:216.

Geissler E, AC Duque, JD Pampush, DJ Daegling, WS McGraw (2015) Spatial variation of dentine hardness in the molars of three primate taxa. *Am J Phys Anthropol* Supp. 60:142.

Lad SE, WS McGraw, D Schmitt, DJ Daegling (2015) Does secondary bone distribution in limb bones reflect locomotor behavior in primates? *Am J Phys Anthropol* Supp 60:197.

Ouatarra K, EE Kane, WS McGraw (2015) Primate research and challenges to meaningful engagement in Côte d'Ivoire's Tai National Park. *Am J Phys Anthropol* Supp 60:243-244.

Dunham N, WS McGraw (2014) Ontogeny of positional behavior and habitat use in Angola black and white colobus monkeys (*Colobus angolensis palliatus*) from south coastal Kenya. *Am Society of Primatology*.

Eggers NA, UM Acuña, E Kane, WS McGraw, Y Vodovotz, EJ Carcache de Blanco (2014). Bioassay-guided isolation of an edible nut toward the development of a diabetic zebrafish model. *Planta Medica* 80 – PD55 (DOI: 10.1055/s-0034-1382476.)

Eggers NA, UM Acuña, E Kane, WS McGraw, Y Vodovotz, EJ Carcache de Blanco (2014) Phytochemical study of bioactive constituents from *Sacoglottis gabonensis*. *Mid-Atlantic Graduate Student Symposium*

Eggers NA, UM Acuña, E Kane, WS McGraw, Y Vodovotz and E Carcache de Blanco (2014) Nutritional profile, biological screening, and fingerprint characterization of *Sacoglottis gabonensis*. *OSU College of Pharmacy Research Day* No. 23.

Ray TJ, T Johnson, K Cheffins, WS McGraw, Z Sun, DG Kim (2014) Bone density and feeding methods among three African monkey species. *International Association for Dental Research* 583.

Gonedele Bi S, EA Bitty, WS McGraw (2014) Conservation of threatened primates in Dassioko Sud and Port Gauthier forest reserves: use of field patrols to assess primate abundance and illegal human activities. *Am J Phys Anthropol* Supp 58:127.

Krigbaum JS, DJ Daegling, WS McGraw (2014) Stable isotope canopy and dietary effects in sympatric monkeys from Tai Forest, Côte d'Ivoire. *Am J Phys Anthropol* Supp 58:161.

PUBLISHED ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.)

Dunham N, E Kane, WS McGraw. (2014) Comparative forelimb use during foraging in three cercopithecids from Côte d'Ivoire's Taï Forest. *Am J Phys Anthropol* Supp 58:110.

Rapoff AJ, WS McGraw, DJ Daegling (2014) Demonstration of an image-based interpolation method for elastic constants in the human dentate mandible. *Am J Phys Anthropol* Supp 58:217.

Cepon TJ, SC Anton, Crowder C, Duren D, Fernandez-Duque E, Leigh SR, Madimenos FC, McGraw WS, Middleton ER, Rainwater CW, Schmitt C, Sherwood R, Stinson S, Stubblefield P, Turner T, Vallegia C and Snodgrass JJ. (2014) Next steps and best practices in primatology, human biology, forensic anthropology, and paleoanthropology for the Bones and Behavior Project. *Am J Phys Anthropol* Supp 58:92-93,

Bitty EA, S Gonedele Bi, WS McGraw (2013) Accelerating deforestation and hunting in protected reserves jeopardize primates in southern Côte d'Ivoire. *Am J Phys Anthropol* Supp 56:81-82.

Gonedele Bi S, EA Bitty, WS McGraw (2013) Grébouo 1 forest grove in southwestern Côte d'Ivoire is the final refuge for *Colobus vellerosus* in the Sassandra - Bandama inter-fluvial region. *Am J Phys Anthropol* Supp 56:133.

Burrows BR, WS McGraw, DG Bertin, F Ouro, DJ Daegling (2013) Ingestive behavior of the red (*Procolobus badius*) and black and white (*Colobus polykomos*) colobus monkeys of Taï Forest, Côte d'Ivoire. *Am J Phys Anthropol* Supp 56:91.

Skorpinski K, DJ Daegling, WS McGraw (2013) Relationship of internal and external condylar morphology to feeding behavior and diet in Taï Forest monkeys. *Am J Phys Anthropol* Supp 56:256.

Dunham N and WS McGraw (2013) Locomotion of Angolan black and white colobus monkeys (*Colobus angolensis palliatus*) in coastal Kenya's Diani Forest. *Am J Phys Anthropol* Supp 56:116.

Lad S, DJ Daegling and WS McGraw (2013) Mandibular remodeling in sympatric West African cercopithecids. *Am J Phys Anthropol*. Supp 56:176.

Daegling DJ, WS McGraw, BR Burrows, JD Pampush, DG Bertin, F Ouro (2013) Mechanical properties of *Pentaclethra macrophylla* seed pods and ingestive strategies of the western pied colobus monkey (*Colobus polykomos*). *Am J Phys Anthropol* Supp 56:107.

Kane E, EA Bitty, DJ Daegling, WS McGraw (2013) Preliminary Investigation of Forelimb Use among Cercopithecoid Primates in Côte d'Ivoire's Taï Forest. *Am J Phys Anthropol* Supp 56:162.

PUBLISHED ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.)

Le K, DJ Daegling, A Duque, JD Pampush, WS McGraw (2013) Spatial variation in mandibular bone stiffness and its effect on structural bending stiffness: a test case using the Tai Forest monkeys. *Am J Phys Anthropol*. Supp 56:178.

Pampush JD, WS McGraw, DJ Daegling (2013) Enamel thickness in durophagous and folivorous primate species. *Am J Phys Anthropol* Supp 56:214.

Rapoff AJ, NT Garabedian, WS McGraw, DJ Daegling (2013) Effect of posterior curvature on the bending strength of maxillary canines in Cercopithecoid monkeys. *Am J Phys Anthropol* Supp 56:229.

Yong Y, U Munoz-Acuna, E Kane, WS McGraw, Y Vodovotz and EJ Carcache de Blanco (2012) Bioactive constituents of *Sacoglottis gabonensis*, a tropical forest tree consumed by monkeys, apes and humans. *Planta Medica* 2012; 78-PI384.

Cohen JK, Leendertz FH, Kouassi R, Else J, Silvestri G, Kirchhoff F, Gawanbacht, McGraw S (2012) Collection and processing of peripheral blood mononuclear cells from wild sooty mangabeys (*Cercocebus atys*) in Tai National Park, Cote d'Ivoire. *International Primatological Society*.

McGraw WS (2012) Primate research and conservation in the Tai Forest, Ivory Coast: The importance of long-term field projects and field station. *EcoSummit*.

McGraw WS, J Pampush and D Daegling (2012) Enamel thickness and hard-object feeding in mangabeys. *Am J Phys Anthropol* Supp 54:209-210.

Kane E, EA Bitty, and WS McGraw (2012) Influence of association with red colobus (*Procolobus badius*) on the feeding ecology of Diana monkeys (*Cercopithecus diana*) in the Ivory Coast's Tai Forest. *Am J Phys Anthropol* Supp 54:177.

Skorpinski K, DJ Daegling and WS McGraw (2012) Variation in mandibular condylar morphology in two Tai Forest colobine species. *Am J Phys Anthropol* Supp 54:271.

Rapoff AJ, KC Abrahamson, WS McGraw, A Duque, JD Pampush and DJ Daegling (2012) Correlation between elastic modulus and radiographic density in mandibular cortical bone of colobine monkeys. *Am J Phys Anthropol* Supp 54:244.

DJ Daegling and WS McGraw (2012) Osteonal bone density in the mandibles of West African colobines. *Am J Phys Anthropol* Supp 54:124-125.

Berger MH, JS Krigbaum, DJ Daegling and WS McGraw (2012) Stable isotope data for monkeys of the Tai Forest (Ivory Coast). *Am J Phys Anthropol* Supp 54:97.

PUBLISHED ABSTRACTS AND CONFERENCE PRESENTATIONS (cont.)

Duque AC, DJ Daegling, WS McGraw and JD Pampush (2012) Mandibular bone stiffness in sooty mangabeys. *Am J Phys Anthropol* Supp 54:136.

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#### MANUSCRIPTS IN PREPARATION

- In Prep Bitty A and WS McGraw (nd) Diet and ranging behavior of a Western black and white colobus, *Colobus polykomos*, in the Tai National Park (Ivory Coast).
- In Prep McGraw WS and RL Susman (nd) Habitat use and phalangeal curvature in arboreal monkeys.

#### INVITED PRESENTATIONS

- 2015 "Feeding and phylogeny of African Monkeys.  
Ohio Northern University
- 2014 "Feeding behavior, functional anatomy and phylogeny of large-bodied African monkeys."  
Wright State University
- 2013 "Foraging biology of sooty mangabeys (*Cercocebus atys*) in the Tai Forest, Ivory Coast: implications for genus level relationships with African papionins."  
Texas A & M University
- 2012 "Foraging, Function and Phylogeny of Mangabeys"  
Northeast Ohio College of Medicine
- 2007 "Talons, Tai monkeys & the death of the Taung child (*Australopithecus africanus*)"  
Oberlin College
- 2006 "Field studies and inferring the behavior of extinct primates."  
National Evolutionary Synthesis Center  
Duke University
- 2006 "Raptor predation and the death of the Taung Child."  
North Coast Fossil Club, Cleveland Ohio.
- 2005 "Sooty mangabeys of Tai National Park: Integrating behavior, disease and conservation."  
Yerkes National Primate Research Center, Emory University

- 2005 "Conservation of West African Primates"  
University of Calgary
- 2005 "Monkey Business."  
The History Club. Columbus, OH.
- 2005 "Evolution and extinction of African monkeys."  
Science and the Future Symposium (Context 18). Columbus, OH.
- 2005 "The Search for Miss Waldron's Red Colobus",  
The History Club. Columbus, OH.
- 2004 "African Primate Conservation"  
OSU Honors Recruitment Day, Cleveland, OH.
- 2003 "African Primates and Humans: A Conservation Crisis"  
OSU-Mansfield Black History Month Celebration.
- 2003 "Anthropology, Africa and Primates"  
OSU Honors Day

INVITED PRESENTATIONS (cont.)

- 2002 "Extinction of Miss Waldron's Red Colobus"  
Miami University, Oxford, Ohio.
- 2002 "Function, Phylogeny and Extinction of African Monkeys"  
University of Colorado, Boulder.
- 2001 "Conserving the African Rain Forest and its Primates"  
Layton School. Wooster, Ohio, 2001
- 2000 "Primate Behavior and Anatomy."  
OSU-Mansfield Board of Trustees.
- 2000 "African Monkeys: Function, Phylogeny and Conservation."  
OSU-Mansfield Honors Program Lecture.
- 1999 "Papionin functional morphology and phylogeny"  
Max Planck Institut Fur Verhaltensphysiologie. Seewiesen, Germany.
- 1999 "Inferring Fossil Behavior from Living Primates"  
Ohio State University
- 1999 "Primate Locomotion and Foraging Behavior: Functional & Phylogenetic  
Implications" Department of Anthropology, Ohio State University
- 1999 "Behavior and Morphology of Monkeys in the Tai Forest, Ivory Coast"  
Department of Anatomy, University of Witwatersrand, South Africa.

- 1998 "Form, Function and Phylogeny: Evidence from Tai Cercopithecoid Anatomy"  
Max Planck Institut Fur Verhaltensphysiologie. Seewiesen, Germany.
- 1998 "The Conservative Nature of Primate Locomotion: Implications from a Study of African Cercopithecoid Positional Behavior and Habitat Use." Conference: Causes and Consequences of Sociality. Max Planck Institut Fur Verhaltensphysiologie. Seewiesen, Germany.
- 1997 "Anatomy and Locomotion of African Monkeys"  
Department of Anthropology, Yale University.
- 1996 "Locomotion, body size and habitat use of sympatric monkeys in the Tai Forest, Ivory Coast." Dept. Anthropology. Univ. of Munich, Germany.
- 1996 "The Affect of Habitat Heterogeneity on Locomotion in Five African Monkeys. Max Planck Institut Fur Verhaltensphysiologie. Seewiesen, Germany.
- 1994 "Niche Separation of Sympatric Cercopithecoids in the Tai Forest, Ivory Coast." Max Planck Institut Fur Verhaltensphysiologie. Seewiesen, Germany.
- 1994 "Locomotor and Postural Differences of Three Colobine Monkeys"  
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- 1992 "Primate Behavior in an African Rain Forest."  
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