

CURRICULUM VITAE**Kristin Allison Wright, PhD.**

Associate Professor, College of Biosciences – Division of Biomedical Graduate Studies  
 Kansas City University of Medicine and Biosciences, Kansas City, MO

PROFESSIONAL PREPARATION:

- PhD 2005 Northwestern University, Evanston, IL  
 Integrated Graduate Program in Life Sciences – Evolutionary Biology  
 - PhD Dissertation: Interspecific and Ontogenetic Variation in Positional Behavior, Habitat Use, and Postcranial Morphology in *Cebus apella* and *Cebus olivaceus* in Guyana. Thesis Advisor: Marian Dagosto, PhD.
- BA 1995 Metropolitan State College of Denver, Denver, CO

PROFESSIONAL DEVELOPMENT:

- 2016 Costin Scholar, Costin Institute for Osteopathic Medical Educators, Midwestern University Chicago  
 College of Osteopathic Educators, Downers Grove, IL.

APPOINTMENTS:

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| Current Position | Associate Professor, College of Biosciences – Division of Biomedical Graduate Studies,<br>Kansas City University of Medicine and Biosciences (KCU) |
| 6/2011-7/2015    | Associate Professor, Dept. of Anatomy, KCU   |
| 8/2006-6/2011    | Assistant Professor, Dept. of Anatomy, KCU   |
| 5/2005-7/2006    | Postdoctoral Fellow, Center for Functional Anatomy and<br>Evolution, Johns Hopkins University School of Medicine, Baltimore, MD.                   |
| 8/2004-4/2005    | Postdoctoral Trainee, Center for Functional Anatomy and<br>Evolution, Johns Hopkins University School of Medicine, Baltimore, MD.                  |

PROFESSIONAL AFFILIATIONS:

Full Member, Sigma Xi, The Scientific Research Society  
 Member, American Association of Physical Anthropologists  
 Lifetime Member, International Primatological Society

Research Associate, Iwokrama International Center for Rainforest Conservation and Development, Guyana, SA.  
<http://www.iwokrama.org/home.html>

Research Associate, The Endangered Primate Rescue Center, Cuc Phuong National Park, Vietnam  
<http://www.primatecenter.org/index.html>

Research Associate, EthoCebus Project (<http://ethocebus.net>)

PROFESSIONAL SERVICE:

Invited Reviewer, Journal of Human Evolution  
 Invited Reviewer, American Journal of Physical Anthropology  
 Invited Reviewer, American Journal of Primatology  
 Invited Reviewer, The Anatomical Record  
 Invited Reviewer, Evolutionary Anthropology

Invited Reviewer, The National Science Foundation  
 Invited Reviewer, International Foundation for Science

Scientific Committee - XXV Congress of the International Primatological Society, Hanoi, Vietnam, 2014.

National Science Foundation Panelist – Integrative and Organismal Systems

INSTITUTIONAL SERVICE:

Spring 2017	Chair, 2017 KCU Research Symposium Committee
2016-2017	KCU Strategic Planning Committee
2016 - present	KCU IRB Committee – Basic Sciences Representative
2014 - present	KCU Safety and Loss Committee
2013 - present	KCU COB Curriculum Council
2015 - 2016	KCU Faculty Senate – President
2014 - 2015	KCU Faculty Senate – President Elect
2014 - 2015	KCU University Council – Faculty Representative
2014 - 2015	KCU IRB Committee – Vice Chair
2010 - 2014	KCU Admissions Committee
2009 - 2011	KCU Faculty Senate – Faculty Representative

TEACHING:

## A. Current Teaching Responsibilities

Course Director: BIOS357 Comparative Anatomy II. College of Biosciences, KCU

Instructor: BIOS571 Scientific Seminar Course. College of Biosciences, KCU.

Lecturer & Lead Lab Instructor: MED112-0101 Musculoskeletal I. College of Medicine, KCU.

## B. Past Teaching Responsibilities

2007 - 2016: Course Director: BIOS502: Human Anatomy II. College of Biosciences, KCU.

2007 - 2015: Course Director: BIOS501: Human Anatomy I. College of Biosciences, KCU.

Spring 2014: Instructor ANAT199 Research Elective. Topic: Evolutionary Medicine Journal Club

Fall 2013-Spring 2014: Instructor ANAT299 Research Elective. Topic: Educational Research: Developing an Evolutionary Medicine Course for MS1 COM Students.

Fall 2012 – 2013: Instructor: ANAT209 Foundations of Teaching Anatomy

Fall 2010 – Spring 2015: Coordinator: ANAT399 Clinical Anatomy Fellowship

Fall 2010: Instructor: PMED 203 Biomedical Research Elective: Variation in the lumbar vertebral morphology of primates that adopt bipedal postures.

2004-2006: Lecturer and Lab Instructor: Human Gross Anatomy, Johns Hopkins University School of Medicine.

June 2005: Laboratory Instructor: Johns Hopkins University Summer Anatomy Institute.

Summer 2004: Co-Instructor: ANTH001 Introduction to Physical Anthropology, The George Washington University, Washington, DC.

1998-2003: Instructor: Introduction to Human Anatomy. Northwestern University School of Continuing Studies

1998- 2003: Graduate Teaching Assistant: Medical Gross Anatomy. Northwestern University Feinberg School of Medicine.

Summer 2001: Instructor: Human Gross Anatomy Remediation Course Northwestern University Feinberg School of Medicine.

Summer 1998: Instructor: Human Anatomy Remediation Course Northwestern University Dental School.

#### GRANTS, HONORS AND AWARDS:

##### A. Extramural Funding

2014 Awarded – National Science Foundation Grant #1440545 for \$69,922.00 for the project: “Collaborative Research: Integrative analysis of ingestive biomechanics and dental microwear using capuchins as a model organism.” Co-PI. 9/2014 – 8/2017. (Barth Wright PI)

1999 Awarded - National Science Foundation Dissertation Improvement Grant #9980238 for \$10,992.00 for the project “Interspecific and Ontogenetic Variation in Positional Behavior and Habitat use of *Cebus apella* and *Cebus olivaceus* in Guyana”.

1999 Awarded - National Geographic Society Grant #6601-99 for \$19,470.00 for the project “The Behavioral Ecology of Tufted (*Cebus apella*) and Weeper (*Cebus olivaceus*) in Guyana” (Barth W. Wright, Co-PI).

1997 Awarded - Sigma Xi Grant-in-Aid-of-Research for \$660.00 for the project “The Effects of Sexual Dimorphism on the Locomotor Behavior and Substrate use of Red Howling Monkeys (*Alouatta seniculus*) in the Iwokrama Forest Reserve, Guyana”.

## B. Intramural Funding

- 2015 \$3000.00 for the project "Functional morphology of the basicranium in platyrrhines: foramen magnum position as evidence for orthograde and bipedal postures". KCU Division of Research Award to Maaheen Ahmed, MS3, Candidate for Masters in Biosciences with Emphasis in the Anatomical Sciences.
- 2014 \$1000.00 Supplementary Travel Award for XXV Congress of the International Primatological Society. Hanoi, Vietnam. August 11- 16, 2014. KCU Department of Research.
- 2013 \$3000.00 for the project "Functional morphology of the lesser trochanter and structural correlates of the iliopsoas muscle in humans and non-human primates". KCUMB Department of Research Supplementary Student Summer Research Fellowship Award to Trevor Tobin, MS2.
- 2009 \$6075.00 for the project "The influence of habitat type and foraging behavior on variation in the postcranial morphology of primates." KCUMB Division of Research Intramural Award.
- 1999 - 2000 Northwestern University Traveling Scholar Fellowship
- 1996 -1998 Northwestern University Graduate Fellowship

BIBLIOGRAPHY:

## A. Manuscripts (peer-reviewed)

**Wright K**, Biondi L, Fragaszy D, Visalberghi E, Izar P (in preparation). Positional behavior and substrate use in wild adult bearded capuchin monkeys (*Sapajus libidinosus*). Submission planned for *International Journal of Primatology*, Spring 2017. [14]

**Wright, K** (April 2017 - in press). Ecological Morphology. In: *International Encyclopedia of Primatology*. A Fuentes, Editor. Wiley Blackwell. [13]

Boyle S, Cleber A, Chism J, Defler T, Di Fiore A, Fernandez-Duque E, Palacios E, Santos R, Shaffer C, Regina da Silva C, Urbani B, Wallace R, Wright B, **Wright K**, de Freitas Xavier B, Barnett A (2017 – in press). Conservation of primates in their flooded habitats in the Neotropics. In: *Primates in Flooded habitats: Ecology and Conservation*. K Nowak, A Barnett and I Matsuda, Eds. Cambridge University Press. (*book chapter*). [12]

Shaffer CA, Wright B, **Wright K**. (2017 – in press) Primate community structure at three flooded forest sites in Guyana. In: *Primates in Flooded habitats: Ecology and Conservation*. K Nowak, A Barnett and I Matsuda, Eds. Cambridge University Press. (*book chapter*). [11]

Hanna J, Schmitt D, **Wright KA**, Eshchar Y, Visalberghi E, Fragaszy D (2015). Kinetics of bipedal locomotion during load carrying in capuchin monkeys. *Journal of Human Evolution*. Volume 85: 149-156. [10]

**Wright KA**, Wright BW, Ford SM, Fragaszy D, Izar P, Norconk M, Masterson T, Hobbs, DG, Alfaro ME, Lynch Alfaro JW. (2015) The effects of ecology and evolutionary history on robust capuchin morphological diversity. *Molecular Phylogenetics and Evolution*. Volume 82(B). pp. 455-466. [9]

- Rice G, **Wright K**, Silverstein SM. (2014). A retrospective study of the association between Fuchs' Endothelial Dystrophy and glaucoma. *Journal of Clinical Ophthalmology*. Volume 2014:8 pp. 2155-2159. [8]
- Liu Q, Fragaszy D, Wright B, **Wright K**, Izar P, Visalberghi E. (2010). Wild bearded capuchin monkeys (*Cebus libidinosus*) place nuts in anvils selectively. *Animal Behaviour*. 79(2): 321-332. [7]
- Wright BW, **Wright KA**, Chalk J, Verderane M, Fragaszy D, Visalberghi E, Izar P, Ottoni EB, Constantino P, Vinyard C. (2010). Fallback foraging as a way of life: using dietary toughness to compare the fallback signal among capuchins and implications for interpreting morphological variation. *American Journal of Physical Anthropology*. 140(4):687- 699. [6]
- Wright KA**, Stevens NJ, Covert HH, Nadler T. (2008) Comparisons of suspensory behaviors among *Pygathrix nemaeus*, *P. cinerea*, and *Nomascus leucogenys* in Cuc Phuong National Park, Vietnam. *International Journal of Primatology*. 29(6):1467-1480. [5]
- Wright BW, **Wright KA**. (2008). Is Primate Conservation Essential to Ecosystem Conservation? *Evolutionary Anthropology*. 17(5): 203-204. [4]
- Stevens NJ, **Wright KA**, Covert HH, Nadler T (2008) Tail postures of four quadrupedal leaf monkeys (*Pygathrix nemaeus*, *P. cinerea*, *Trachypithecus delacouri*, and *T. hatinhensis*) at the Endangered Primate Rescue Center, Cuc Phuong National Park, Vietnam. *Vietnamese Journal of Primatology*. 1(2):13-24. [3]
- Wright BW, Prodhon R, **Wright K**, Nadler T. (2008). Mandibular morphology as it relates to ingestive and digestive folivory in *Trachypithecus* and *Pygathrix*. *Vietnamese Journal of Primatology*. 1(2):25-32. [2]
- Wright, KA**. (2007). The relationship between locomotor behavior and limb morphology in brown (*Cebus apella*) and weeper (*Cebus olivaceus*) capuchins. *American Journal of Primatology*. 69(7):736-756. [1]
- B. Abstracts (peer-reviewed)
- Scott RS, Wright BW, **Wright KA**, Ross C, Van Casteren A, Fogaça M, Fragaszy DM, Marcil C, Strait DS. (2017-accepted). Food Toughness and Dental Microwear Anisotropy. *American Journal of Physical Anthropology*. Volume 162. S64. [29]
- Wright BW, **Wright KA**, Fogaça M, Fragaszy D, Ross C, van Casteren A, Scott R, Strait DS. Anterior dental ingestion in *Sapajus*: Linking craniofacial form and food mechanics. Joint Meeting of the International Primatological Society and the American Society of Primatologists. Chicago, Illinois. August 21-27, 2016. [28]
- Wright K**, Tobin T, Cole TM III. Functional morphology of the lesser trochanter and structural correlates of the proximal femur in platyrrhines. Invited Symposium: From Tails to Teeth: The Interplay between Morphology and Ecology. XXV Congress of the International Primatological Society. Hanoi, Vietnam. August 11- 16, 2014. [27]
- Biondi L, **Wright K**, Fragaszy D, Izar P. Bipedality in capuchin monkeys (*Sapajus libidinosus*) and the postural feeding hypothesis. The II Latin American Primatology Congress and the XV Brazilian Primatology Congress. August 2013, Recife, Brazil. [26]

- Biondi L, **Wright K**, Fragaszy DM, Izar P (2011). Ontogenetic Variation in the Locomotor Behaviour of Wild Bearded Capuchin Monkeys (*Cebus libidinosus*). In *Folia Primatologica* (Vol. 82, No. 6, pp. 353-354). Allschwilerstrasse 10, CH-4009 Basel, Switzerland: Karger. [25]
- Wright B, **Wright K**. Contrasting the craniodental biomechanics of hard food foraging in *Cacajao* and *Sapajus*. Invited Symposium: Recent developments in the behavior, ecology and conservation of titis, sakis, and uacaris. The 36<sup>th</sup> Meeting of the American Society of Primatologists. San Juan, Puerto Rico, June 2013. [24]
- Wright KA**, Wright BW, Ford S, Masterson TJ, Hobbs D, Lynch Alfaro JW (2012). Morphological diversity among tufted capuchins. *American Journal of Physical Anthropology*. Volume 147. Suppl. 54:228. [23]
- Ford SM, **Wright KA**, Wright BW, Hobbs DG. (2012). Capuchin postcranial adaptations. *American Journal of Physical Anthropology*. Volume 147. Suppl. 54:66. [22]
- Biondi L, **Wright K**, Fragaszy DM, Izar P (2011). Ontogenetic variation in the locomotor behavior of wild bearded capuchin monkeys (*Cebus libidinosus*). Diversity Within Primatology: IV Congress of the European Federation for Primatology. September 2011, Almada, Portugal. [21]
- Wright K**, Wright B, Fragaszy D, Izar P, Norconk M (2010) Is a fixed or plastic response to ecological variation the key to capuchin adaptability? Invited Symposium Contribution to: Capuchin Evolution: Comparing Behavior, Morphology & Genetics Across Species. *International Journal of Primatology*. 2010 International Primatological Society XXII Congress, Kyoto, Japan. [20]
- Biondi L, **Wright K**, Fragaszy DM, Izar P. (2010) Bipedal posture and terrestriality in *Cebus libidinosus*. *International Journal of Primatology*. 2010 International Primatological Society XXII Congress, Kyoto, Japan. [19]
- Wright, B and **Wright, K** (2010) You are how you eat: hard food feeding behavior in primates. *American Journal of Physical Anthropology*. Invited Symposium Contribution to: Hard object feeding in primates: Biomechanics, behavior and the fossil record, C Ross, M Teaford, and A Taylor, Organizers. 79<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Albuquerque, NM, 2010. [18]
- Babcock M, Wright BW, **Wright KA**, O'Brien J, Ulibarri L, Nadler T. (2009). Chew before you swallow? Ingestive versus digestive folivory among species of *Pygathrix* and *Trachypithecus*. *American Journal of Physical Anthropology*. Supplement 48:81. [17]
- Ham N, **Wright KA**, Wright BW, Smith E. (2009). Do more manually dexterous non-human primates have a more human-like arrangement of carpal tunnel structures? Implications for the development of carpal tunnel syndrome. *American Journal of Physical Anthropology*. Supplement 48:144. [16]
- Spieß K, Wright BW, **Wright KA**, Biondi L, Fragaszy, D, Mattos W, Visalberghi E, Izar P, Ottoni EB (2009). Food selection among individuals in a group of brown bearded capuchins (*Cebus libidinosus*) at Boa Vista, Piauí, Brazil. *American Journal of Physical Anthropology*. Supplement 48:245-246. [15]
- Wright KA**, Wright BW, Fragaszy D. (2008) Detailing behavioral and ecological variation among tufted capuchins. *International Journal of Primatology*. Special Issue 96:47. [14]

**Wright KA**, Le KQ, Covert HH, Nguyen AD, Vu AT (2008) Forest structure preferences for the Tonkin snub-nosed monkey (*Rhinopithecus avunculus*) in the Khu Ca area, Ha Giang Province, northern Vietnam. *International Journal of Primatology*. Special Issue 96:279. [13]

Wright BW, **Wright KA**, Chalk J, Verderane M, Fragaszy D, Visalberghi E, Izar P, Ottoni EB. (2008). Fallback foraging as a way of life: dietary variability and skeletal morphology in tufted capuchins. *American Journal of Physical Anthropology*. Supplement 46:225. [12]

**Wright KA**, Ruff CB, Stevens NJ, Covert HH, Nadler T. (2007) Long bone articular and diaphyseal structure in douc langurs: evidence of suspensory adaptations. *American Journal of Physical Anthropology*. Supplement 44. p. 253. [11]

**Wright KA**, Stevens NJ, Thanh DT, Covert HH, Nadler T. (2007) Arboreal and terrestrial substrate use by the endangered limestone langurs of Vietnam. *Integrative and Comparative Biology*. 46:S1 p. 268. [10]

**Wright KA**, Stevens NJ, Covert HH, Nadler T. (2006). Hanging around: a comparison of suspensory posture in langurs and gibbons at the Endangered Primate Research Center, Cuc Phuong National Park, Vietnam. *International Journal of Primatology*. Vol. 27, Supplement 1:322. [9]

Stevens NJ, **Wright KA**, Covert HH, Nadler T. (2006). Tail posture during arboreal quadrupedalism in four species of leaf monkeys at the Endangered Primate Rescue Center, Cuc Phuong National Park, Vietnam. *American Journal of Physical Anthropology*, Supplement 42:171. [8]

O'Brien JA, Ulibarri L, Wright BW, **Wright KA**, Covert HH, Nadler T. (2006). A preliminary analysis of the mechanics, chemistry, and color of leaves ingested by four colobines species in Vietnam. *American Journal of Physical Anthropology*, Supplement 42:140. [7]

**Wright KA** (2005). The relationship between limb morphology and locomotor behavior in brown and weeper capuchins. *American Journal of Physical Anthropology*, Supplement 40:227. [6]

Stevens NJ, **Wright KA**, Covert HH, Nadler T. (2005). A comparison of spinal kinematics of Hatinh and Delacour's langurs at the Endangered Primate Rescue Center, Cuc Phuong National Park, Vietnam. *Integrative and Comparative Biology*, 45:6 p. 1199. [5]

**Wright KA** (2003). Patterns of locomotor behavior and habitat use in adult and juvenile brown (*Cebus apella*) and weeper (*Cebus olivaceus*) capuchins. *American Journal of Physical Anthropology*, Supplement 36:28. [4]

**Wright KA** (2001). A comparison of the locomotor behavior and habitat use of *Cebus apella* and *Cebus olivaceus* in Central Guyana. *American Journal of Physical Anthropology*, Supplement 32:167. [3]

Sauther ML, Wright BW, and **Orndorff KA** (1998). A preliminary census and study of habitat use of the primates of the northern Iwokrama Reserve, Guyana. *American Journal of Physical Anthropology*, Supplement 26:195. [2]

**Orndorff KA** (1996). Positional behavior of *Cebus capucinus* in a Costa Rican rainforest: comparisons with published data collected in a Costa Rican dry forest. *American Journal of Physical Anthropology*, Supplement 22:180. [1]

PAPERS PRESENTED (AS FIRST AUTHOR):

2017 The impact of research experiences on osteopathic medical student success: perceived versus actual outcomes. Kansas City University of Medicine and Biosciences Annual Research Symposium. March 22, 2016. (accepted).

2016 Relating patterns of positional behavior in bearded capuchin monkeys to substrate use and anatomical form. Kansas City University of Medicine and Biosciences Annual Research Symposium. March 25, 2016.

2014 Functional morphology of the lesser trochanter and structural correlates of the proximal femur in platyrrhines. Invited Symposium : From Tails to Teeth: The Interplay between Morphology and Ecology. XXV Congress of the International Primatological Society. Hanoi, Vietnam.

2010 Is a fixed or plastic response to ecological variation the key to capuchin adaptability? International Journal of Primatology. Invited Symposium Contribution. 2010 International Primatological Society XXII Congress, Kyoto, Japan.

2008 Forest structure preferences for the Tonkin snub-nosed monkey (*Rhinopithecus avunculus*) in the Khau Ca area, Ha Giang Province, northern Vietnam. Invited Symposium Contribution. XXII Congress of the International Primatological Society, Edinburgh, Scotland.

2007 Long bone articular and diaphyseal structure in doucs (*Pygathrix*): evidence of suspensory adaptations. 76<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Philadelphia, PA.

2006 Hanging around: a comparison of suspensory posture in langurs and gibbons at the Endangered Primate Research Center, Cuc Phuong National Park, Vietnam. Invited Symposium Contribution. XXI Congress of the International Primatological Society, Entebbe, Uganda.

2005 The relationship between limb morphology and locomotor behavior in brown and weeper capuchins. Annual Conference of the American Association of Physical Anthropologists, Milwaukee, Wisconsin.

2003 Patterns of locomotor behavior and habitat use in adult and juvenile brown (*Cebus apella*) and weeper (*Cebus olivaceus*) capuchins. Annual Conference of the American Association of Physical Anthropologists, Tempe, Arizona.

2001 A comparison of the locomotor behavior and habitat use of *Cebus apella* and *Cebus olivaceus* in Central Guyana. Annual Conference of the American Association of Physical Anthropologists, Kansas City, Missouri.

2001 An ecological comparison of two primate communities on either side of the Essequibo River, Central Guyana. Symposium: The Biodiversity of Guyana: A global perspective for the future. Guyana SA, October 7-12.

1996 Positional behavior of *Cebus capucinus* in a Costa Rican rainforest: comparisons with published data collected in a Costa Rican dry forest. Annual Conference of the American Association of Physical Anthropologists, Durham, North Carolina.

PUBLIC PRESENTATIONS:

2013 “Biogeographical Diversity Among Tufted Capuchin Monkeys: The Morphological Evidence” KCUMB Science Friday Lecture Series. January 25, 2013.

2010 “From Mandrills to Mouse Lemurs... and More!” Invited Speaker: HMS Beagle Science Club, Parkville, MO.

2008 “Primate Evolutionary Biology: Research in Vietnam and South America” Invited Speaker: HMS Beagle Adult Science Club, Parkville, MO.

2007 “From Mandrills to Mouse Lemurs...and More!” Invited Speaker: HMS Beagle Science Club, Parkville, MO.

2006 “Conservation of Primates in Vietnam: The importance of understanding critical habitats.” Invited Lecture, Cuc Phuong National Park, Vietnam.

2006 “Measuring Habitat Structure.” Invited Workshop Presentation: Fauna and Flora International –Vietnam Conservation Programme, Hanoi, Vietnam.

2005 “Field Kinematics: Understanding the Suspensory Behavior of Douc Langurs” Invited Lecture, Cuc Phuong National Park, Vietnam.

2003 “Seeing the Forest for the Trees: Habitat use by *Cebus* Monkeys in Guyana” Graduate Student/Postdoctoral Seminar Series, Department of Cell & Molecular Biology, Northwestern University.

2002 “Locomotor Behavior and Habitat Use in *Cebus apella* and *Cebus olivaceus*” Graduate Student/Postdoctoral Seminar Series, Department of Cell & Molecular Biology, Northwestern University.

2002 “Research on Primates in the Rainforests of South America” Expanding Your Horizons Key Note Speaker, Emerson Middle School, Niles, IL.

2001 “Interspecific and ontogenetic variation in positional behavior and habitat use in *Cebus apella* and *Cebus olivaceus* in Guyana” Graduate Student/Postdoctoral Seminar Series, Department of Cell & Molecular Biology, Northwestern University.

2000 “Primates of the Northern Rupununi” Invited workshop given to the residents of the village of Wowetta in the northern Rupunini, Guyana as part of a community outreach program.

2000 “The behavioral ecology of the primates of the Turtle Mountain Research area: Preliminary Findings” Iwokrama International Center for Rainforest Conservation and Development Brown Bag Series, Georgetown, Guyana.

2000 “Field methods for the study of non-human primates” Seminar given at the Iwokrama Research Station as part of their Ranger Training Program.

DIRECTED RESEARCH AND STUDENT MENTORING:

2015-2016 KCU College of Bioscience Masters in Biosciences with Emphasis in the Anatomical Sciences. Advisee: Maaheen Ahmed (MS3) "Functional morphology of the basicranium in platyrrhines: foramen magnum position as evidence of orthograde posture and bipedal behavior".

2013-2014 Clinical Anatomy Fellowship Advisor: Jacob Pfeiffer (MS3)  
"Pectoralis minor muscle length changes associated with posture in College of Medicine Students".

2013 (Spring) KCUMB COM Research Elective: Trevor Tobin (MS1) "Functional morphology of the lesser trochanter and structural correlates of the iliopsoas muscle in humans and non-human primates".

2011-2012 Clinical Anatomy Fellowship Advisor: Greg Rice (MS3) "A retrospective study of the association between Fuchs' Endothelial Dystrophy and glaucoma".

2009-2010 Clinical Anatomy Fellowship Co-Advisor: Julie Easterday-Vircks (MS3). "Three-dimensional quantification of the ureters in the abdomen and implications for anterior lumbar spine surgery".

2010 Summer Student Research Fellowship Mentor (partial award): Jessica McCain (MS2) "Variation in the lumbar vertebral morphology of primates that adopt bipedal postures".

2010 Summer Student Research Fellowship Mentor: Chelsea Sheeler (MS2) "Variation in anterior cruciate ligament form and function among human and non-human primates."

2008 Summer Student Research Fellowship Mentor: Nathan Ham (MS2) "Median nerve distribution and the comparative anatomy of the carpal tunnel elements in human and non-human primates."

2008 Summer Student Research Fellowship co-Mentor: Megan Babcock (MS2) "Variation in the ingestive behavior and morphology of four SE Asian colobines: an integrative approach."

2008 Summer Student Research Fellowship co-Mentor: Krystine Spiess (MS2) "The influence of dietary chemistry on food choice in a population of wild tufted capuchins (*Cebus libidinosus*)."

THESIS COMMITTEE WORK:

Committee Chair: Maaheen Ahmed, MS3 "Functional morphology of the basicranium in platyrrhines: foramen magnum position as evidence for orthograde and bipedal postures". Masters Thesis Submitted and Approved June 20, 2016. Kansas City University of Medicine and Biosciences, College of Bioscience.

Committee Member: Michelle Davis "Exposing the relationship between thyroid and anxiety disorders" Masters Thesis Submitted and Approved December 12, 2008. Kansas City University of Medicine and Biosciences, College of Bioscience.

Committee Member: Andrea Miller “The effects of chronically elevated glucocorticoids on the medical pre-frontal cortex” Masters Thesis Submitted and Approved July 21, 2008. Kansas City University of Medicine and Biosciences, College of Bioscience.

Committee Member: Thuy Nguyen “The link between cholestasis and Alzheimer disease” Masters Thesis Submitted and Approved July 3, 2007. Kansas City University of Medicine and Biosciences, College of Bioscience.

Committee Chair: Christopher Bradshaw “Influenza virus Type A, subtype H5N1: Evolution, Potential Pandemic, and Treatment” Masters Thesis Submitted and Approved July 3, 2007. Kansas City University of Medicine and Biosciences, College of Bioscience.

## COLLABORATORS

### 1. US Institutions:

Barth W. Wright, PhD (Kansas City University of Medicine and Biosciences)

Theodore M. Cole III (University of Missouri-Kansas City)

Susan M. Ford, PhD (Southern Illinois University – Carbondale)

Dorothy Fragaszy, PhD (University of Georgia)

Jessica W. Lynch Alfaro, PhD (Institute for Society and Genetics and Department of Anthropology, University of California, Los Angeles, Los Angeles, California, USA)

Michael E. Alfaro. PhD (Department of Ecology and Evolutionary Biology, University of California, Los Angeles, Los Angeles, California, USA)

Marilyn Norconk, PhD (Kent State University)

Herbert H. Covert, PhD (University of Colorado at Boulder)

David Strait, PhD. (State University of NY – Albany)

Callum Ross, PhD. (University of Chicago)

Robert Scott, PhD. (Rutgers University)

### 2. International Institutions:

Mariana Dutra Fogaça, PhD (University of Sao Paulo, Sao Paulo, Brazil)

Patricia Izar, PhD (University of Sao Paulo, Sao Paulo, Brazil)

Adam van Casteren (Max Planck Institute for Evolutionary Anthropology, Leipzig)

Elisabetta Visalberghi, PhD (Istituto di Scienze e Technologie della Cognizione, Rome, Italy)