

# Kristy D. Henson, M.S.

Curriculum Vitae  
118 HHH Fairmont State University  
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## EDUCATION

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- 2015 **M.S. – Biological Sciences**, Marshall University  
Thesis: Digitization and replication of the Clover Site, Fort Ancient human remains
- 2013 **B.A. - Anthropology**, Marshall University  
Minor in Japanese, biology, history, and political science.  
Certificate of Asian Studies
- 2009 **B.A. – Political Science**, Ohio University
- 2008-09 Study Abroad, Lakeland College Japan
- 2006 **A.S. - Social Science**, Ohio University

## WORK EXPERIENCE

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- 2018 Assistant Professor of Forensic Science, Fairmont State University Department of Natural Sciences, Fairmont, WV
- 2015- 18 Assistant Lab Coordinator & Instructor  
Assistant Vertebrate Museum Curator  
Director of the 3D Printing Laboratory, West Virginia Wesleyan College Department of Biology and Environmental Science, Buckhannon, WV
- 2012-15 Pharmacy Technician, CVS/Pharmacy, Chesapeake, OH
- 2013-15 Graduate Teaching Assistant Human Anatomy Lab, Marshall University Department of Biological Sciences, Huntington, WV
- 2011-13 Archaeology Laboratory Technician, Marshall University Department of Sociology and Anthropology, Huntington, WV
- 2008-09 Private English Teacher, Seigu Sensei, Tokyo, JP

## COURSES TAUGHT

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### Lecturer

- 2018 Fall Human Biology + lab, Dept. of Natural Sciences, Fairmont State University  
Osteology + lab, Dept. of Natural Sciences, Fairmont State University
- 2018 Summer Evolution Online, Dept. of Biology & Environmental Science, WVWC  
Biosystematics Online, Dept. of Biology & Environmental Science, WVWC  
Forensic Biology, Dept. of Biology & Environmental Science, WVWC  
Apocalypse Survival, Dept. of Biology & Environmental Science, WVWC
- 2018 Spring Human Anatomy and Physiology II Lab, Dept. of Biology & Environmental Science, WVWC  
Evolution, Dept. of Biology & Environmental Science, WVWC  
Biology Research, Dept. of Biology & Environmental Science, WVWC
- 2017 Fall Apocalypse Survival, Freshman Seminar, Dept. of Biology & Environmental Science, WVWC  
Apocalypse Survival Lab, Dept. of Biology & Environmental Science, WVWC  
Human Anatomy and Physiology I Lab, Dept. of Biology & Environmental Science, WVWC  
Biology Research, Dept. of Biology & Environmental Science, WVWC
- 2017 Summer Evolution Online, Dept. of Biology & Environmental Science, WVWC  
Biosystematics Online, Dept. of Biology & Environmental Science, WVWC  
Forensic Biology, Dept. of Biology & Environmental Science, WVWC
- 2017 Spring Human Anatomy and Physiology II Lab, Dept. of Biology & Environmental Science, WVWC

- 2016 Fall Human Anatomy and Physiology I Lab, Dept. of Biology & Environmental Science, WVWC  
 2016 Spring Human Anatomy and Physiology II Lab, Dept. of Biology & Environmental Science, WVWC  
 2015 Fall Human Anatomy and Physiology I Lab, Dept. of Biology & Environmental Science, WVWC

### **Guest Lecturer**

- 2018 Spring Evolution of Hominid Gait Morphology, Kinesiology, Dept. of Exercise Science and Athletic Training, WVWC  
 2017 Fall NAGPRA, Introduction to International Studies, Dept. of History and International Studies, WVWC  
 Human Evolution, Principles of Biology, Dept. of Biology & Environmental Science, WVWC  
 Hominin morphology, Vertebrate Zoology, Dept. of Biology & Environmental Science, WVWC  
 2017 Spring Human Evolution, Evolution, Dept. of Biology & Environmental Science, WVWC  
 Politics, Environmental Science, Dept. of Biology & Environmental Science, WVWC  
 Endocrine System, Human Anatomy and Physiology II, Dept. of Biology & Environmental Science, WVWC  
 2016 Summer Endocrine System & Circulatory System, Human Anatomy and Physiology II, Dept. of Biology & Environmental Science, WVWC  
 2016 Spring Human Evolution block, Evolution, Dept. of Biology & Environmental Science, WVWC

### **Teaching Assistant**

- 2013-15 Human Anatomy Lab, Dept. of Biological Sciences, MU  
 2014 Spring Introduction to Human Biology Lab, Dept. of Biological Sciences, MU

### **COMMUNITY SERVICE**

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- 2018 Alpha Xi Delta Autism Speaks, Xi Man Competition, Judge, WVWC  
 2018 Humans vs Zombies, Moderator, WVWC  
 2018 Best Practices: First Generation College Students, WVWC  
 2017-18 Internship site supervisor, Exercise Science research, WVWC  
 2017-18 Organized West Virginia Academy of Science judges and awards, WVWC  
 2017 Organized Humans vs Zombies with freshman seminar class, Moderator, WVWC  
 2017 West Virginia Regional Junior Science and Humanities Symposium, Judge, WVWC  
 2016-17 First Generation Student Gathering, WVWC  
 2015-17 Orange and Black Day, recruiting event, WVWC  
 2016 Toured a community youth center through the vertebrate museum, WVWC  
 2016 West Virginia Regional Junior Science and Humanities Symposium, Judge, WVWC  
 2013-15 3D Printing Technician, Marshall University Department of Biological Sciences  
 2013-15 Osteoprep Technician, Marshall University Department of Biological Sciences  
 2013-15 Osteological teaching exhibits, Marshall University Department of Biological Sciences  
 2013-15 Pec Minors, Anatomy study group, Marshall University  
 2014-15 Marshall University Museum Outreach  
 2015 AAAS Science Annual Meeting, Session Aid Volunteer, San Jose, Cali  
 2014-15 The Rolling Thunder Dames, Women's Flat Track Roller Derby, Public Relations  
 2013-14 Brain Awareness Expo  
 2013 Service Learning, bringing science to schools, Playmates Preschool  
 2012-13 Anthropology & Sociology Works in Progress Speaker Series, Marshall University  
 2011-13 Marshall University Anthropology Club  
 2010-13 Marshall University Japan Club  
 2010 English slang teacher, Marshall University L.E.A.P  
 2008-09 Teaching Assistant, Pure English Kindergarten, Saitama, JP

## MEDIA

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- In Progress** **Henson, K.,** Popovich, G., Fulks, R., Goldman, T., Hess, A. Applying an Xbox Kinect to the Two-Compartment Model of Body Composition. (*Intended submission: Journal of Exercise Physiology*).
- Henson, K.,** Constantino, P., O’Keefe, F., Popovich, G. Digitization and Replication techniques of Fort Ancient human skeletal remains used to advance teaching methods in the field of osteological analysis. (*Accepted*) *Library Hi-Tech*

### Published

- 2017 **Henson, K** & O’Keefe, FR. Comparative digitization techniques: dire wolf fossil case study. *Quality Magazine*.
- 2015 **Henson, K.** For \$1,000 I’ll Love You Too: An Understand of Japanese Hosts and Host Clubs. Capstone Thesis. Marshall University. *ProQuest Digital Dissertations*.
- 2015 **Henson, K.** Stories in Bone Still Told. Digitization and Replication of Clover Site, Fort Ancient human remains. MS Thesis. Marshall University. *ProQuest Digital Dissertations*.
- 2015 **Henson, K.** Derby Rocks and Thunder Rolls. *Graffiti WV Magazine*.
- 2015 **Henson, K.** Meet a Derby Dame. *Huntington News*.
- 2014 **Henson, K.** Huntington’s Rolling Thunder Dames Prepare for 2015. *Huntington News*.
- 2014 **Henson, K.** Kristy’s Rotten Mess. *The Rogue Magazine*.

### Abstracts

- 2018 Guydish, M. & **Henson, K.** Using digitized Native American skeletal remains to conduct osteological analyses. West Virginia Academy of Science. 93<sup>nd</sup> Annual Meeting Abstracts. Vol 90-1.
- 2018 Seccurro, D. & **Henson, K.** Osteological Analysis of Indian Black Market Human Remains. West Virginia Academy of Science. 93<sup>nd</sup> Annual Meeting Abstracts. Vol 90-1.
- 2018 Fulks, R., **Henson, K.,** & Popovich, G. Applying an Xbox Kinect to the Two-Compartment Model of Body Composition. West Virginia Academy of Science. 93<sup>nd</sup> Annual Meeting Abstracts. Vol 90-1.
- 2018 Stevenski, M., Popovich, G., & **Henson, K.** Trainability of functional deficits in adults with scoliosis. West Virginia Academy of Science. 93<sup>nd</sup> Annual Meeting Abstracts. Vol 90-1.
- 2017 **Henson, K.,** & O’Keefe, F. Comparative digitization techniques of a dire wolf (*Canis dirus*) ulna fossil. West Virginia Academy of Science. 92<sup>nd</sup> Annual Meeting Abstracts. Vol 89-1.
- 2017 Guydish, M., & **Henson, K.** Using digitized Native American skeletal remains to conduct osteological analyses. West Virginia Academy of Science 92<sup>nd</sup> Annual Meeting Abstracts. Vol 89-1.
- 2017 Bradley-Popovich, G., **Henson, K.,** & Olachea, J., Spinal strength and range of motion in adults with scoliosis. West Virginia Academy of Science 92<sup>nd</sup> Annual Meeting Abstracts. Vol 89-1.
- 2015 **Henson, K.** Stories in Bone Still Told: Digitization and Replication of Human Remains. Student Poster Competition, Honorable Mention. *SCIENCE*.
- 2015 **Henson, K.,** Constantino, P., & Freidin, N., Stories in Bones Still Told: Digitization of the Clover Site, Fort Ancient human remains. *American Journal of Physical Anthropology*. Vol 156. P. 164.

### Appearances

- 2018 Inside a Scientist’s Suitcase. *YouTube series*.
- 2018 WVWC Humans vs. Zombies game supports local outreach. *WBOY News*.
- 2018 WVWC to hold “Human vs. Zombies’ food drive. *WBOY News*.
- 2018 Students, Faculty Present at AAAS Annual Meeting. *West Virginia Wesleyan News*.
- 2017 Bowden, G. Radio interview. Gary Bowden Radio Show. AJR News Network

- 2017 Peterson, M. Humans vs. Zombies @ WVWC. *Hercampus.com*
- 2017 Nester, L. Apocalypse Survival taught at West Virginia Wesleyan. *The Exponent Telegram*.
- 2017 Ross, G. WVWC Unveils New 3D Printer. *WBOY News*.
- 2017 Zalaznik, M. WVWC First is U.S. to get unique 3D Printer. *The Record Delta*.
- 2017 NewsBytes. *Faculty Bulletin Volume XXI, Number 4*.
- 2017 Perine, J. BHS Alumna Rachel Fulks Chosen to Take Part in High-Tech Research Project at WVWC. *Connect Bridgeport*.
- 2017 Faculty updates. *Bobcat Bio News*.
- 2017 Weinstein, S. Brag Box. *BSC News. Marshall University Biological Sciences*.
- 2017 Wesleyan Receives two SURE Grants. *From the President's Desk. West Virginia Wesleyan College*
- 2017 Byrd, E. College Receives Grant toward Purchase of 3D Color Printer. *West Virginia Wesleyan News*.
- 2015 Preston, T. Rolling Thunder Dames. *The Daily Independent*.
- 2015 Circle, M. Tristate Roller Derby. *Cabell Standard Newspaper*.
- 2012 Meyers, C. Kristy Henson Hits like a Girl. *The Parthenon Newspaper*

## GRANTS AND AWARDS

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- 2018 Faculty Member of the Year, WVWC (Top student voted award)
- 2018 Phi Kappa Phi Faculty Researcher of the Year, WVWC (Top faculty voted award)
- 2017 Title III Strengthening Institutions Travel Grant, WVWC (\$8,000)
- 2017 Instrumentation Grant For the Improvement of Undergraduate Science, Technology, Engineering and Mathematics (STEM) Education in West Virginia, West Virginia Division of Science and Research (\$20,000)
- 2017 Summer Undergraduate Research Experience. SURE. 2017, West Virginia Division of Science and Research (\$120,000)
- 2016 Title III Course Renovation Mini Grant, WVWC (\$1,500)
- 2016 Title III Strengthening Institutions Travel Grant, WVWC (\$4,500)
- 2016 Title III Strengthening Institutions Travel Grant, WVWC (\$550)
- 2015 AAAS/Science Student Poster Competition, Honorable Mention
- 2013-15 Graduate Assistantship Fellowship, Marshall University
- 2015 Marshall University Dept. of Biological Sciences MU Foundations Travel Grant (\$300)
- 2014 Marshall University Summer Thesis Grant (\$500)
- 2013 Grant in Aid of Research, Marshall University Research Corporation (\$250)
- 2013 Marshall University Department of Sociology and Anthropology, Outstanding Senior Thesis
- 2013 Marshall University Department of Sociology and Anthropology, Community Service Award in Anthropology

## CONFERENCES: TALKS AND POSTERS

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- 2018 International Society of Sports Nutrition. Poster.  
Popovich, G., **Henson, K.**, Fulks, R., Goldman, T., & Hess, A. Applying an XBOX Kinect to the two-compartment model of body composition.
- 2018 West Virginia Academy of Science. Poster  
Securro, D. & **Henson, K.** Osteological analysis of black market human remains.
- 2018 West Virginia Academy of Science. Talk.  
Guydish M. & **Henson, K.** Using digitized remains to conduct osteological analyses.
- 2018 West Virginia Academy of Science. Poster.  
Stevenski, M., Popovich, G., **Henson, K.**, & Olachea, J. Trainability of functional deficits in adults with scoliosis.

- 2018 West Virginia Academy of Science. Poster.  
McGuffin, H., Popovich, G., & **Henson, K.** Losing 100 pounds: Case-study analysis of the implementation of hypercaloric “cheat” meals to facilitate progressive weight loss.
- 2018 American Association for the Advancement of Science. Poster  
Fulks, R., **Henson, K.**, Popovich, G., Hess, A., & Goldman, T. Applying an Xbox Kinect to the two-compartmental model of body composition.
- 2018 American Association for the Advancement of Science. Poster.  
**Henson, K.**, O’Keefe, F., & Popovich, G. Digitization and 3D printing techniques: dire wolf (*Canis dirus*) ulna fossil.
- 2018 American Association for the Advancement of Science. Poster.  
Guydish, M. & **Henson, K.** Using digitized remains to conduct osteological analyses.
- 2018 American Association for the Advancement of Science. Poster.  
Popovich, G. & **Henson, K.** Functional Characteristics of Adults with Idiopathic Scoliosis.
- 2017 West Virginia Academy of Science. Poster.  
**Henson, K.**, & O’Keefe, F. Comparative digitization techniques of a dire wolf (*Canis dirus*) ulna fossil.
- 2017 West Virginia Academy of Science. Poster.  
Guydish, M., & **Henson, K.** Using digitized Native American skeletal remains to conduct osteological analyses
2017. West Virginia Academy of Science. Poster.  
Bradley-Popovich, G., **Henson, K.**, & Olachea, J., Spinal strength and range of motion in adults with scoliosis.
- 2016 Southern Anthropological Society. Poster  
**Henson, K.**, O’Keefe, F., Constantino, P. Digitization and replication of Fort Ancient human remains used as a research and teaching tool
- 2016 West Virginia Regional Junior Science and Humanities Symposium. Keynote speaker.  
**Henson, K.** Stories in Bone Still Told: 3D digitization and replication of Native American human remains
- 2015 Southeastern Association of Vertebrate Paleontology Conference. Poster.  
**Henson, K.** & O’Keefe, F. Comparative digitization techniques of a dire wolf (*Canis dirus*) ulna fossil
- 2015 American Association of Physical Anthropologists Annual Meeting. Poster.  
**Henson, K.**, Constantino, P., Freidin, N. Stories in Bones Still Told: Digitization of The Clover Site, Fort Ancient human remain
- 2015 American Association for the Advancement of Science Annual Meeting. Poster.  
**Henson, K.** Stories in Bones Still Told: Digitization and Replication of The Clover Site, Fort Ancient human remains
- 2013 Marshall University’s 13th Annual Research and Creativity Conference. Talk.  
**Henson, K.** For \$1,000 I’ll Love You Too: An Understanding of Japanese Hosts and Host Clubs
- 2013 Marshall University Anthropology & Sociology Works in Progress Speaker Series. Talk.  
**Henson, K.** For \$1,000 I’ll Love You Too: An Understanding of Japanese Hosts and Host Clubs
- 2013 Marshall University Capstone Poster.  
Apgar, J., **Henson, K.**, Constantino, P., Freidin, N. Digitized replication and comparative analysis of human juvenile maxilla

## RESEARCH STUDENTS

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- 2018 Jaiden Harvey, WVWC  
Kambrie Bosley, WVWC  
Dylan Ringer, WVWC

- 2017-18 Rachel Fulks, WVWC  
 Daria Seccurro, WVWC  
 Tara Goldman, WVWC  
 Alea Hess, WVWC  
 Madison Stevenski, WVWC  
 Haley McGuffin, WVWC
- 2016-18 Melissa Guldish, WVWC
- 2014 McKenzie Emrick, Marshall University
- 2013 Josh Apgar, Marshall University

## **STUDENT POSTERS**

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- 2018 Rachel Fulks, Applying an Xbox Kinect to the two-compartmental model of body composition, WVWC. AAAS.  
 Melissa Guldish, Using digitized remains to conduct osteological analyses, WVWC. AAAS.  
 Daria Seccurro, Osteological analysis of black market human remains, WVWC. WV Academy of Science.  
 Melissa Guldish, Using digitized remains to conduct osteological analyses, WVWC. Mid-Atlantic Undergraduate Research Conference.  
 Tara Goldman and Alea Hess, Body composition technique: An economic tool to determine body volume, WVWC. Mid-Atlantic Undergraduate Research Conference.  
 Madison Stevenski, Trainability of functional deficits in adults with scoliosis, WVWC. WV Academy of Science.  
 Hailey McGuffin, Losing 100 pounds: Case-study analysis of the implementation of hypercaloric “cheat” meals to facilitate progressive weight loss, WVWC. WV Academy of Science.
- 2017 Melissa Guldish, Using digitized Native American skeletal remains to conduct osteological analyses, WVWC. WV Academy of Science.
- 2013 Josh Apgar, Digitized replication and comparative analysis of human juvenile maxilla, Marshall University.

## **FIELD EXPERIENCE & PROFESSIONAL DEVELOPMENT**

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- 2018 Kinesiology, Dept. of Exercise Science and Athletic Training, WVWC, Buckhannon, WV
- 2018 IRB: # WVWC #2018 Grip Strength in Relation to College Athletes’ Event, WVWC, Buckhannon, WV
- 2017 WV Pre-License Salesperson Certificate, Spruce School of Real Estate, WV
- 2017 IRB: # WVWC #2018-033 Using the Xbox Kinect to determine body composition, WVWC, Buckhannon, WV
- 2017 Center for Teaching and Learning- The Flipped Classroom
- 2017 Center for Teaching and Learning- Freshman Seminar Workshop
- 2016- 17 IRB: # WVWC AY2017 - 002, Bootcamp, engaging students and raising retention rate in human anatomy and physiology courses, WVWC, Buckhannon, WV
- 2016 Teaching Online- Developing your Online Course. Quality Matters Program.
- 2016 An Introduction to Evidence-Based Undergraduate STEM Teaching. EdX Center for Teaching and Learning Vanderbilt University
- 2016 Teaching Online- An Introduction to Online Delivery. Quality Matters Program.
- 2016 American Physiological Society- Institute on Teaching and Learning, Madison, WI
- 2013 iPed Teaching Workshop, Marshall University
- 2012-13 IRB: # 385927-1, Japanese Hosts, Culture and Ethnography, Shinjuku, JP
- 2011-12 Greenbottom, Salvage Archaeological Excavation, Greenbottom, WV

## **MEMBERSHIP**

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2018 Phi Kappa Phi  
2017-19 West Virginia Academy of Science  
2016-17 American Physiological Society  
2015-17 Southern Anthropological Society  
2014-current Science/AAAS

## **LANGUAGE ABILITY**

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Fluent English  
Working knowledge of Japanese