

# Joshua Leon Marshack

October 2020

Grinnell College  
Department of Anthropology

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## SUMMARY OF QUALIFICATIONS

Biological anthropologist with a background in field primatology and the history and philosophy of science. Research and teaching foci: behavioral ecology of non-human primates; decolonizing conservation and sustainability; multispecies studies; evolution of sociality; history of biological determinism—race, hierarchy, sex, and war; and competition and inequality in evolutionary thought. Specialization in chimpanzee and bonobo social behavior.

## EDUCATION

2016 Ph.D., Anthropology – Washington University in St. Louis

2009 A.M., Anthropology – Washington University in St. Louis

2007 A.B., Anthropology, College Honors – Washington University in St. Louis  
Minor-Digital Imaging and Photography

Dissertation: Agonism, affiliation, and social organization in a community of savanna chimpanzees (*Pan troglodytes verus*) at Fongoli, Senegal

Committee members: Robert W. Sussman (chair), C. Robert Cloninger, Jane E. Phillips-Conroy, David Cunningham, Jill D. Pruetz, and Crickette M. Sanz

## PROFESSIONAL APPOINTMENTS

'19 – present Assistant Professor of Anthropology, Grinnell College

2017 – 19 Visiting Assistant Professor, Biological Anthropology, Dickinson College

SP 2017 Lecturer, Division of University Studies, Colgate University

## TEACHING EXPERIENCE

### Grinnell College

FL 2020 Biological Determinism and The Myth of Race; Anthropomorphisms

SP 2020 Primate Behavior and Taxonomy; War, Peace, and Human Natures

FL 2019 Human Evolution

FL '19, '20 Anthropological Inquiries: Human Natures – A Four-Field Intro Course

SP '20

### Dickinson College

SP '18, '19 Introduction to Biological Anthropology

FL '17, '18 Primate Socioecology; Biological Determinism and the Myth of Race

### Colgate University

SP 2017 Challenges of Modernity

### Washington University in St. Louis

SP '16, '15 Introduction to Cultural Anthropology, TA

FL 2015 Order and Change in Society, TA

SP 2015 Introduction to Human Evolution, Instructor of Record

FL '12, '10, '08 The Biological Basis of Human Behavior, TA

SP 2009 Behavioral Research at the St. Louis Zoo, TA  
FL 2009 Introduction to Environmental Studies: Social Sciences, TA

#### PUBLICATIONS (\*reviewed journals)

- In prep.* **Marshack, JL.** The influence and contested efficacy of comparative animal-human models of sexual violence.
- 2017 \*Pruetz JD, Ontl KB, Cleaveland E, Lindshield S, **Marshack J**, Wessling EG. Within-group lethal aggression in West African chimpanzees (*Pan troglodytes verus*): Inferred killing of a former alpha male at Fongoli, Senegal. *International Journal of Primatology* 38:1:31-57.
- 2012 Pruetz JD, Ballahira R, Camara W, Lindshield S, **Marshack JL**, Olson A, Sahdiako M, Villalobos-Flores U. Update on the Assirik Chimpanzee (*Pan troglodytes verus*) Population in Niokolo Koba National Park, Senegal. *Pan Africa News* 19:1:8-11.
- 2012 \*Kamilar JM, **Marshack JL.** Does geography or ecology best explain 'cultural' variation among chimpanzee communities? *Journal of Human Evolution* 62:256-260.
- 2010 \*Sussman RW, **Marshack JL.** Are humans inherently violent? *Global Nonkilling Working Papers* 1:7-50.
- 2009 Pruetz JD, **Marshack JL.** Savanna chimpanzees (*Pan troglodytes verus*) prey on patas monkeys (*Erythrocebus patas*) at Fongoli, Senegal. *Pan Africa News* 16:2:15-17.

#### PUBLISHED ABSTRACTS

- 2018 **Marshack JL**, Pruetz JD. Social Structure and Change in West African Savanna Chimpanzees (*Pan troglodytes verus*) at Fongoli, Senegal. *Am. J. Phys. Anth. Suppl.* 165:S66:168.
- 2010 **Marshack JL.** Affiliative and agonistic social behavior in *Pan troglodytes verus*; a pilot study. *Am. J. Phys. Anth. Suppl.* 141:S50:164.
- 2009 **Marshack JL**, Kamilar JM. Testing multiple hypotheses effecting species richness. *Am. J. Phys. Anth. Suppl.* 138:S48:184.
- 2009 Kamilar JM, **Marshack J.** Using macroecological methods to examine across-site variation in chimpanzee behavior. *Am. J. Phys. Anth. Suppl.* 138:S48:161-162.

#### SELECTED PRESENTATIONS & INVITED LECTURES

- 2020 Presenter – A Conversation on Race. *ANTHRO 20400: Human Origins*, Purdue University, West Lafayette, IN – Sept. 24
- 2019 Presenter – Social structure and change in the Fongoli chimpanzees. *Ecology Seminar Series: Behave like an Ecologist: Research Exploring Behavioral Ecology*, Penn State University, State College, PA – Feb. 15
- 2019 Presenter – Reifying inequality by amplifying scientific noise; Aggressive apes? Social structure and change in the Fongoli chimpanzees; Race, gender, and human natures: A myth-busting toolkit. *Visiting Scholars Program*, Purdue University, Honors College, West Lafayette, IN – Jan. 28 & 29

- 2018 Presenter – Reifying inequality by amplifying scientific noise. Paper presented at 117<sup>th</sup> Annual Meeting of AAA, San Jose, CA – November 17
- 2018 Presenter – On embodying cultural and biological diversity. *Mosaics* – lecture; and We have never been pure, we have always been mixed: On multiethnic Judaism, *Saperstein Jewish Center* – talk. Colgate University, Hamilton, NY – April 20
- 2015 Presenter – The context and intensity of contact aggression in a community of savanna chimpanzees. *The Spring Chancellor’s Graduate Fellowship Symposium*, Washington University, St. Louis, MO
- 2014 Presenter – Mating patterns in a community of wild savanna chimpanzees (*Pan troglodytes verus*) at Fongoli, Senegal. Poster presented at 11th Annual *Yale Bouchet Conference on Diversity and Graduate Education*, New Haven, CT
- 2012 Presenter (with JD Pruetz) – Affiliation, agonism, and patterns of association in savanna chimpanzees (*Pan troglodytes verus*) at Fongoli, Senegal—preliminary post-research notes: severe attacks and changes in male dominance hierarchy. Poster presented at 9th Annual Meeting of *MPIG*, Dekalb, IL

## FIELD EXPERIENCE

- July 2020 Exploratory Research at a Colony of Captive Bonobos, The Ape Initiative Iowa
- April 2011- Doctoral dissertation field research, Republic of Senegal
- May 2012
- Daily observation of a savanna community of *Pan troglodytes verus*
  - Concluded that most behavior was affiliative and that rare instances of severe aggression related solely to challenges to the male dominance hierarchy
- June 2009 Pilot study, Republic of Senegal
- Affiliative and agonistic social behavior in *Pan troglodytes verus*
- July 2008 Preliminary dissertation fieldwork, Republic of Senegal
- SU 2007 Tail use and positional behavior in *Alouatta palliata*, Republic of Nicaragua
- SU 2005 Excavation of Paleoindian and historic sites, Lake City, CO
- 2002 Laboratory primatology, SUNY Downstate Medical Center, Brooklyn, NY

## STUDENT COLLABORATION: RESEARCH & PEDAGOGICAL INNOVATION

- FL 2019 Human Evolution curricular enrichment – *3D printing at The Maker Lab* with Cameron Leung '22 and Sage Kaplan-Goland '20
- FL 2019 Teaching with Technology Fair – *Podcast: An Audio Dissection of a Text / Infographic: An Illustrated Annotated Bibliography*. Presented with Julia Tlapa '22, Dec. 6. <https://www.grinnell.edu/news/faculty-and-student-projects-showcased-2019-teaching-technology-fair>

## RESEARCH GRANTS

- 2020 Committee for Support of Faculty Scholarship, Competitive Grant: \$5,000 – *Exploratory Research at a Colony of Captive Bonobos, The Ape Initiative Iowa*

- 2017 Institute for Anarchist Studies: \$200 – *Social Structure and Change in West African Savanna Chimpanzees (Pan troglodytes verus) at Fongoli, Senegal*; presented at 2018 meeting of the AAPA.
- '12, '11 Washington University Fellowship Stipend Bonus: \$1,500 – dissertation research
- 2010 Lambda Alpha Graduate Overseas Research Grant: \$3,000 – dissertation research
- 2009 Washington University Dissertation Research Grant: \$2,000 – *Affiliative and agonistic social behavior in Pan troglodytes verus*; a pilot study
- 2008 Washington University Preliminary Dissertation Research Grant: \$2,500 – preliminary dissertation research

#### **FACULTY DEVELOPMENT GRANTS/SEMINARS**

- PPND Faculty and Staff Development Seminar: Ghana and South Africa, Grinnell College
- 2019 Sustainability – Clarke Forum – Faculty Seminar Committee, Dickinson College: \$1000
- 2018 “Pedagogy of Inclusion” Reading and Discussion Group, Dickinson College: \$1,000 – the experience of first-generation college students
- 2018 Valley and Ridge: Sustainability Across the Curriculum, Dickinson College: \$1,000 – Project: *Experiential Sustainability Learning in Biological Anthropology*

#### **CURRICULAR DEVELOPMENT GRANTS**

- 2020 Center for the Humanities, Grinnell
- Virtual seminar with Allison Caine—environmental anthropologist, *Climate Change and Restless Animals in the Andean Highlands*: \$250 (ANT 395-01)
- Instructional Support Committee, Grinnell
- Virtual sessions with The Ape Initiative, Des Moines, IA: \$300 (ANT 104-01, 221-01, 395-02)
  - Virtual seminar with John Willman— paleoanthropologist, Laboratory of Prehistory, CIAS, University of Coimbra, Portugal: \$100 (ANT 104-01)
- Dept. of Anthropology Donor Fund (Temporary Restricted Fund Balance)
- Virtual seminar with puppeteer, Nick Lehane, creator of *Chimpanzee*: \$1,200 (ANT 104-01, 221-01, 395-02)
  - Forensic osteology casts for the Biological Anthropology Teaching Lab: \$823
- 2019 Instructional Support Committee, Grinnell
- Class trip to Blank Park Zoo, Des Moines, IA: \$560 (ANT 205-01)

#### **FELLOWSHIPS & SCHOLARSHIPS**

- '07-'16 Chancellor's Graduate Fellowship, Washington University in St. Louis
- '14, '13 Ford Foundation Dissertation Fellowship, honorable mention
- '03- '07 John B. Ervin Scholarship, Washington University in St. Louis

#### **AWARDS & HONORS**

- 2016 Student Commencement Marshal, Washington University in St. Louis
- 2014 Edward Alexander Bouchet Graduate Honor Society

- 2010 Charles R. Jenkins Award, Lambda Alpha Anthropology Honor Society  
2003 Intel Science Talent Search, semi-finalist

## RELATED EXPERIENCE

- July 2018 Technical Producer/Performer, *Theater Documents: Danced Translations of Rural America*, Tourbillon Dance Company, The Garage International, Festival Off d'Avignon, July 22-24  
Fall 2016 Admission Representative, Colgate University  
June-Aug. '06 Collections Intern, the Jewish Museum  
May-Aug. '06 Curatorial Affairs Intern, Rubin Museum of Art

## PROFESSIONAL SOCIETY MEMBERSHIPS

- American Anthropological Association
- Association of Black Anthropologists
  - Biological Anthropology Section
- American Association of Physical Anthropologists  
Interdisciplinary Nineteenth-Century Studies  
National Center for Faculty Development and Diversity  
Lambda Alpha Anthropology Honor Society

## POPULAR MEDIA

- 2017 Michael Greshko. "In Rare Killing, Chimpanzees Cannibalize Former Leader" *National Geographic: Weird & Wild*. January 30, 2017.  
<http://news.nationalgeographic.com/2017/01/chimpanzees-murder-cannibalism-senegal/>
- 2015 Rami Tzabar. "Do Chimpanzee Wars Prove That Violence Is Innate?" *BBC Earth*. August 11, 2015. <http://www.bbc.com/earth/story/20150811-do-animals-fight-wars>
- 2012 John Horgan. *The End of War*. San Francisco, CA: McSweeney's. Print.
- 2010 John Horgan. "Quitting the hominid fight club: The evidence is flimsy for innate chimpanzee—let alone human—warfare." *Scientific American: Cross-Check*. June 29, 2010. <http://blogs.scientificamerican.com/cross-check/quitting-the-hominid-fight-club-the-evidence-is-flimsy-for-innate-chimpanzee-let-alone-human-warfare/>

## COLLEGE & DEPARTMENTAL PROMOTION, RECRUITMENT, & OUTREACH

- 2020 Panelist – Notions of territory and the built environment: The work of Julie Mehretu. Grinnell College Museum of Art, Grinnell, IA – Feb. 27.  
<https://www.grinnell.edu/news/museum-art-opens-two-print-exhibitions-jan-24-2020>
- 2019 Interview with *All Things Grinnell*, Nov. 20  
Interview with *West Campus Weekly* – Episode 8: Thanksgiving, Nov. 14  
<https://soundcloud.com/west-campus-weekly/wcw-thanksgiving-episode-8>

Interview with *The Scarlet and Black*, Nov. 12

<https://www.thesandb.com/article/condescending-aggressive-entitled-biden-makes-few-friends-in-grinnell.html>

Laura Sinnett's Social Psychology, Nov. 12 – class experiment participant

CNN Town Hall with Joe Biden, Nov. 11 – questioner

[https://www.youtube.com/watch?time\\_continue=390&v=EslaHubNxHg&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=390&v=EslaHubNxHg&feature=emb_logo)

Office of Development and Alumni Relations – Multicultural Alumni Weekend, Nov. 8  
– alumni visits to Anthropology Inquiries and Human Evolution classes

Office of Admission's Fall Preview Day, Oct. 14 – prospective student visit to Human Evolution

Office of Development and Alumni Relations, Oct. 11 – alumni visit to Anthropology Inquiries: Human Natures

#### **INSTITUTIONAL SERVICE: DICKINSON COLLEGE & WASHINGTON U.**

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| 2018                    | R.A.I.S.E. (Red Devils Advocating for Inclusive Spaces for Everyone) Training – for allies and advocates of LGBTQ+, Dickinson College – September 27 |
| 2018                    | MANDatory, Dickinson College: Panelist, Applying to and Navigating Graduate School as Men-of-Color – January 30; Faculty guest – September 15        |
| '16, '15, '13, '10, '09 | Judge, Annual Graduate Student Research Symposium, Washington University in St. Louis  |