

BRIDGET ALEX
Curriculum vitae

email: bridget.a.alex@gmail.com website: bridgetalex.com

POSITIONS

2023-	Archaeology and Biological Anthropology Development Editor, SAPIENS
2022-	Lecturer, Human Evolutionary Biology, Harvard University
2021-2022	STEM Writing Specialist and Lecturer, Hixon Writing Center, California Institute of Technology
2019-	Contributing Editor, <i>Discover</i> magazine
2016-	Freelance Science Writer
2020-2021	Anthropology Adjunct Professor, Pasadena City College
2019-2021	Anthropology Lecturer, California Institute of Technology
2019	Anthropology Lecturer, California State University Long Beach
2017-2019	Associate Concentration Advisor and Lecturer, Human Evolutionary Biology, Harvard University
2016-2017	Postdoctoral College Fellow, Human Evolutionary Biology, Harvard University

EDUCATION

2012-2016	Ph.D. Anthropological Archaeology & Human Evolutionary Biology Harvard University. Thesis: <i>Establishing contexts of encounters: Radiocarbon dating of archaeological assemblages with implications for Neanderthal-modern human interactions</i> . Supervised by David Pilbeam, Christian Tryon, Richard Meadow, Daniel Lieberman, Elisabetta Boaretto
2009-2012	M.A. Anthropology-Archaeology Harvard University
2004-2008	A.B. Anthropology, A.B. Chemistry modified with Earth Sciences Dartmouth College, Honors, <i>cum laude</i> . Thesis: <i>Comparative sourcing study: INAA, LA-ICP-MS, and TIMS of Formative Period ceramics from Teotihuacan Valley, Mexico</i> .

RESEARCH INTERESTS

pedagogy, science communication, paleoanthropology, human evolution, archaeological science, radiocarbon dating, paleogenetics, geoarchaeology

AWARDS AND GRANTS

2013- 2016 NSF Doctoral Dissertation Improvement Grant, \$25,200
 2013- 2014 Fulbright Student Scholarship, Israel, \$15,900
 2011- 2015 NSF Graduate Research Fellowship Program Recipient, \$90,000 + tuition
 2013 U.S.- Israel Binational Science Foundation Rahamimoff Travel Grant, \$4000
 2012 Geological Society of America Graduate Research Grant, \$2500
 2012 Sigma Xi Grants-in-Aid of Research, \$1000
 2012 American School of Prehistoric Research, Harvard, \$1400
 2011 Davis Center for Russian & Eurasian Studies Travel Grant, \$1110
 2010 Teschmacher Summer Research Grant, Harvard Anthropology, \$1350
 2009 Fulbright Student Scholarship, UK (declined)
 2009 Claire Garber Goodman Fund Grant, Dartmouth Anthropology
 2008 Claire Garber Goodman Fund Grant, Dartmouth Anthropology
 2008 American Chemical Society Undergraduate Award in Analytical Chemistry
 2008 Undergraduate Research Scholarship, Nuclear Science & Engineering, MURR

PROFESSIONAL DEVELOPMENT

2021 Equity Reading group – faculty discussion group, focused on research about equity in higher education, Pasadena City College

2020 **Pasadena City College Online Teaching Certification (OTC)** – eight week course that certifies instructors to teach virtual courses for California Community Colleges

2017-2019 Science Education Journal Club – biweekly meeting to discuss STEM education research papers, Harvard

2017 **Summer Institute on Scientific Teaching** – one week training in scientific teaching, University of Connecticut

2016 **AAAS Mass Media Fellow**, Discover Magazine – ten week fellowship in science writing and communication

2015 Harvard Horizons Fellow – semester long training in public lectures

PEER REVIEWED PUBLICATIONS

- Caracuta, V., **B. Alex...** E. Boaretto (2020). The MIS 3 Landscape around Manot Cave (Israel) – new insights from the anthracological record and stable Carbon isotope analyses. *Journal of Human Evolution*. <https://doi.org/10.1016/j.jhevol.2020.102868>
- Alex, B.**, D. Mihailović, S. Milošević, E. Boaretto (2019). Radiocarbon Chronology of Middle and Upper Paleolithic Sites in Serbia, Central Balkans. *Journal of Archaeological Science: Reports*. 25:266-279
- Tryon, C., J. Lewis, K. Ranhorn, A. Kwekason, **B. Alex...** A. Mabulla (2018). Middle and Later Stone Age chronology of Kiseso II rockshelter (UNESCO World Heritage Kondoa Rock-Art Sites), Tanzania. *PLOS One*. 13(2): e0192029.
- Alex, B.**, O. Barzali, O. Marder, I. Hershkovitz... E. Boaretto (2017). Radiocarbon chronology of Manot Cave, Israel and Upper Paleolithic dispersals. *Science Advances*. 3: e1701450.
- Alex, B.**, P. Valde-Nowak, L. Regev, E. Boaretto (2017). Late Middle Paleolithic of Southern Poland: Radiocarbon Dates from Ciemna and Obłazowa Caves. *Journal of Archaeological Science: Reports*. 11: 370-380.
- Valde-Nowak, P, **B. Alex...** Zajac, M. (2016). The Middle Palaeolithic sequence of Ciemna Cave. Some aspects of the site formation process. *Quartär*. 63: 33-46.
- Valde-Nowak, P, **B. Alex...** K. Zarzecka-Szubińska (2016). Late Middle Palaeolithic occupations in Ciemna Cave, southern Poland. *Journal of Field Archaeology*. <http://dx.doi.org/10.1080/00934690.2015.1101942>
- Hershkovitz, I., O. Marder, **B. Alex...** O. Barzilai (2015). Levantine cranium from Manot Cave (Israel) foreshadows the first European modern humans. *Nature*. 520: 216-219.
- Stoner, W., D. Nichols, **B. Alex**, D. Crider (2015). The Emergence of Early-Middle Formative Exchange Patterns in Mesoamerica: A View from Altica in the Teotihuacan Valley. *Journal of Anthropological Archaeology*. 39:19-35.
- Koons, M. and **B. Alex** (2014). Revised Moche Chronology Based on Bayesian Models of Reliable Radiocarbon Dates. *Radiocarbon* 56(3): 1039-1055.
- Valde-Nowak, P., B. Ginter, **B. Alex...** K. Zarzecka (2014). Middle Paleolithic sequences of the Ciemna cave (Prądnik valley, Poland): The problem of synchronization. *Quaternary International* 326-327: 125-145.
- Marder, O., **B. Alex**, A. Ayalon... O. Barzilai (2013). The Upper Palaeolithic of Manot Cave, Western Galilee, Israel: the 2011-12 excavations. *Antiquity* 87(337): online project gallery.

Alex, B.A., D. Nichols, M. D. Glascock (2012). Complementary Compositional Analyses of Formative Period Ceramics from the Teotihuacan Valley, Mexico. *Archaeometry* 54:821-834.

OTHER ACADEMIC PUBLICATIONS

Alex, B.A. (2018) Book Review of Paleanthropology of the Balkans and Anatolia: Human Evolution and its Context. *Journal of Anthropological Research*.

Alex, B.A. and E. Boaretto (2014). Radiocarbon chronology of Pešturina Cave. In *Palaeolithic and Mesolithic Research in the Central Balkans*, edited D. Mihailović. Serbian Archaeological Society, Belgrade. Pp 37- 45.

Roksandic, M., P. Radović, **B. Alex**, S. Panvić, M. Paunović, Z. Marković. (2014). Possible Upper Pleistocene humans from Serbia: morphological descriptions and radiocarbon dating. In *Palaeolithic and Mesolithic Research in the Central Balkans*, edited D. Mihailović. Serbian Archaeological Society, Belgrade. Pp 7-20.

Alex, B.A. (2009). Multi-method analysis of pre-Teotihuacan ceramics. *Society for Archaeological Sciences Bulletin*. 32(3): 7-14.

TEACHING

2023 Harvard *Gened 1027 Human Evolution and Human Health*

2022 Caltech *SEC 12 Written Professional Communication in Engineering and Applied Science* (hybrid)
 Caltech *SEC 13 Written Communication about Engineering and Applied Science to Non-Specialists*

Harvard *HEB 1200 Neanderthals and other extinct humans* (Mindich Program in Engaged Scholarship course; <https://www.youtube.com/channel/UCEOB-hyF4O3KE8SfYIkeNuQ/videos>)

Harvard *HEB 1378 Professional Writing for Human Evolutionary Biologists*

2021 Pasadena City College *ANTH 001 Physical Anthropology* (online)
 Pasadena City College *ANTH 001L Physical Anthropology Laboratory* (online)

Caltech *An 16 World Archaeology* (online)

2020 Pasadena City College *ANTH 001 Physical Anthropology* (in person, online)
 Pasadena City College *ANTH 001L Physical Anthropology Laboratory* (in person, online)
 Pasadena City College *ANTH 002 Cultural Anthropology* (online)

- Caltech *An 15 Human Evolution* (online)
- 2019 CSULB ANTH 439 *Research Methods in Biological Anthropology* (designed new course)
- Caltech *An 15 Human Evolution* (designed new course)
- Harvard HEB 1700 *Human Evolutionary Biology in Society* (Mindich Program in Engaged Scholarship course about outreach & education in Human Evolutionary Biology; students design and conduct outreach projects in K-12 schools and museums; awarded Certificate of Teaching Excellence)
- 2018 Harvard HEB 1200 *Neanderthals and other extinct humans* (redesigned as Mindich Program in Engaged Scholarship course; students produced videos for public <https://www.youtube.com/channel/UCEOB-hyF4O3KE8SfYIkeNuQ/videos>)
- Harvard ANTH S-1300 *Human Evolution* (designed new course)
- Harvard HEB 1700 *Human Evolutionary Biology in Society* (designed new course; Mindich Program in Engaged Scholarship course; awarded Certificate of Teaching Excellence)
- Harvard HEB 97 *Sophomore Tutorial in Human Evolutionary Biology*
Course Head
- 2017 Harvard HEB 3200 *Graduate Proseminar in Human Evolutionary Biology*
- Harvard HEB/ANTH 1235 *African Roots: Origins and dispersals of modern humans* (co-designed new course; awarded Certificate of Teaching Excellence)
- Harvard HEB 97 *Sophomore Tutorial in Human Evolutionary Biology*
(awarded Certificate of Teaching Excellence)
- 2016 Harvard HEB 1200 *Neanderthals and Other Extinct Humans*
(designed new course; awarded Certificate of Teaching Excellence)
- Harvard ANTH 1202 *Forensic Anthropology*
Graduate Teaching Fellow (awarded Certificate of Distinction in Teaching)
- 2015 Harvard HEB 97 *Sophomore Tutorial in Human Evo. Biology*
Graduate Teaching Fellow (awarded Certificate of Distinction in Teaching)
- 2013 Harvard LS1b *Genetics, Genomics, & Evolution*
Graduate Teaching Fellow for laboratory section

- 2012 Harvard ANTH 1010 *Archaeological Methods & Reasoning*
Graduate Teaching Fellow for laboratory section
- 2012 Harvard NELC S-198 *Ashkelon Archaeological Field School*
Graduate Teaching Fellow for study abroad field school in Israel

ADVISING AND MENTORSHIP

- 2017-2019 Concentration Advisor, Human Evolutionary Biology – academic advisor for Harvard undergraduates studying Human Evolutionary Biology
- 2014- Harvard Senior Resident Tutor, Cabot House – residential advisor for ~400 Harvard undergraduates; particularly work with those on probation or returning from leave
- 2012-2013 Harvard Resident Tutor (academic & residential advisor for undergraduates)

Undergraduate Research Supervised:

- 2022 Mark Petrasko, “Evaluating the Science of Forensic Science”
- 2021-2022 Jenny Ji, Caltech, “Regional Biases in Media Coverage of Archaeological Research”
- 2019 Jackie Macias, CSULB, Mellon Mays Undergraduate Fellowship
- Sonja Eliason, Harvard, “Bring Out Your Dead: An analysis of the coevolution between *H. sapiens* and *Y. pestis*” (Honors Thesis; awarded Howells Prize for best departmental thesis)
- Edward Litwin, Harvard, “The Social Side of Evolution Understanding” (Thesis)
- 2018 Monilola Awolesi, Harvard, “Tactile Communication during Cooperation: Exploring the Effect of Sex on Dyadic Bond Formation and Maintenance” (Honors Thesis)
- Megan Zhao, Harvard, “Value of Infants and Children in Roman Antiquity” (Independent Study)
- 2017 Nazow Tarakai, Harvard, “Understanding Taliban Recruitment and Support through Pastoralist Subsistence Strategy” (Honors Thesis)

POPULAR SCIENCE PUBLICATIONS

- 2023 “The Archaeology of Flavor” *Discover* May/June 2023
<https://www.discovermagazine.com/the-sciences/the-archaeology-of-flavor-is-investigated>
- “Bird Brains” *Archaeology* Mar/April 2023 <https://www.archaeology.org/issues/503-2303/digs/11214-digs-spain-owl-engravings>
- “Jungle Realm of the Snake Queens” *Archaeology* Jan/Feb 2023
<https://www.archaeology.org/issues/494-2301/features/11025-maya-snake-queens>
- “The Neanderthal-*Sapiens* Timeshare,” “Denisovan Tooth in the Tropics,” “Bolivian Urbanites,” “Shackleton’s Ship Found After a Century-Long Search” in January *Discover*
- 2022 “Prehistoric carvings depict showdowns between humans and beasts” *Science* 7 Dec 2022 <https://www.science.org/content/article/prehistoric-carvings-depict-showdowns-between-humans-and-beasts>
- Review of *Fresh Banana Leaves* for *Smithsonian*
<https://www.smithsonianmag.com/science-nature/the-ten-best-science-books-of-2022-180981235/>
- “Sacrificed monkey suggests peaceful ties between ancient Mesoamerican powers” *Science* 21 Nov 2023 <https://www.science.org/content/article/sacrificed-monkey-suggests-peaceful-ties-between-ancient-mesoamerican-powers>
- “Why Prehistoric Herders Didn’t Spit Out Their Watermelon Seeds” *Smithsonian* 3 Nov 2022 <https://www.smithsonianmag.com/science-nature/watermelon-seeds-were-snacked-before-its-flesh-became-sweet-180981008/>
- “No music training? No problem: Even novices intuit complex music theory” *Science* 12 August 2022 <https://www.science.org/content/article/no-music-training-no-problem-even-novices-intuit-complex-music-theory#.YvaWn8Vn8kk.twitter>
- “Who Were the Denisovans?” *PBS Eons: Mysteries of Deep Time* 11 July 2022
<https://podcasts.apple.com/us/podcast/eons-mysteries-of-deep-time/id1610360633>
- “Female Lineages Anchored Pacific Islands for 2000 Years” *Science* 30 June 2022
<https://www.science.org/content/article/female-lineages-anchored-pacific-islands-2000-years>
- “The Monkeys and Parrots Caught Up in the California Gold Rush” *Smithsonian* 16 June 2022 <https://www.smithsonianmag.com/science-nature/the-monkeys-and-parrots-caught-up-in-the-california-gold-rush-180980236/>

“How Orangutans Changed Their Behavior After Devastating Fires” *Atlas Obscura* 5 April 2022 <https://www.atlasobscura.com/articles/orangutan-borneo-fire>

“Archaeologists Uncover Oldest Ochre Workshop in East Asia” *Science* 2 March 2022 <https://www.science.org/content/article/archaeologists-uncover-oldest-ochre-workshop-east-asia>

“Fish Bones Found in Razed California Chinatown Reveal Complex 19 th-Century Trade Network” *Smithsonian* 24 Feb 2022 <https://www.smithsonianmag.com/science-nature/fish-bone-found-in-razed-california-chinatown-reveals-complex-19th-century-trade-network-180979622/>

“Ancient Humans Had Pets, Too” *Discover* Jan 2022 <https://www.discovermagazine.com/planet-earth/ancient-humans-had-pets-too>

“DNA in Unlikely Places Helps Piece Together Ancient Humans’ Family Tree” *Discover* Jan 2022 <https://www.discovermagazine.com/the-sciences/dna-in-unlikely-places-helps-piece-together-ancient-humans-family-trees>

“2021’s Hottest Fossil Was Actually Found Over 85 Years Ago” *Discover* Jan 2022 <https://www.discovermagazine.com/the-sciences/2021s-hottest-fossil-was-actually-found-over-85-years-ago>

“Africa’s Earliest Human Burial Comes to Light” *Discover* Jan 2022 <https://www.discovermagazine.com/planet-earth/africas-earliest-human-burial-comes-to-light>

“Spit Take: Even Young Infants Know We Only Swap Saliva with the Ones We Love” *Science* 20 Jan 2022 https://www.science.org/content/article/spit-take-even-young-infants-know-we-only-swap-saliva-ones-we-love?utm_campaign=NewsfromScience&utm_source=Social&utm_medium=Twitter

“Turning Salt into Gold” *Archaeology* Jan 2022 <https://www.archaeology.org/issues/450-2201>

2021 “Why Were Human Sacrifices Buried Beneath Ancient Korea’s ‘Moon Castle’?” *Atlas Obscura* 15 October 2021 <https://www.atlasobscura.com/articles/wolseong-human-sacrifice-korea>

“Human Remains from the Chilean Desert Reveal Its First Farmers Fought to the Death” *Smithsonian* 25 August 2021 <https://www.smithsonianmag.com/science-nature/human-remains-chilean-desert-reveal-its-first-farmers-fought-death-180978460/>

“Archaeologists Are Seeing Cave Art in a New Light” *Atlas Obscura* 29 July 2021
<https://www.atlasobscura.com/articles/atxurra-cave-art-experimental-archaeology>

“Fixing Forensics” *Discover* Nov 2021 (3800 word feature)

“Rise of the Kings of Tonga” *Archaeology* July/August 2021 (3000 word feature)

“The Anthropocene’s Ancient Origins” *Discover* July 2021

“Archaeologists Propose 4,500-Year-Old Burial Mound Was World’s First Military Memorial” *Smithsonian* June 2021 <https://www.smithsonianmag.com/science-nature/archaeologists-propose-4500-year-old-burial-mound-was-worlds-first-military-memorial-180977981/>

“French Polynesia’s Teti’aroa has Been an A-Lister Retreat for Centuries” *Atlas Obscura* 19 May 2021 <https://www.atlasobscura.com/articles/tetiaroa-tahiti-royal-retreat>

“Loved or Loathed: Can Madagascar’s Aye-Aye Survive Superstition?” *Atlas Obscura* 23 March 2021 <https://www.atlasobscura.com/articles/ayeye-madagascar-superstition>

“Why Did Ancient Indigenous Groups in Brazil Hunt Sharks?” *Smithsonian* 8 Feb 2021
<https://www.smithsonianmag.com/science-nature/ancient-indigenous-groups-brazil-hunted-sharks-food-and-arm-weapons-180976941/>

“No more cuddly selfies with our ape cousins, top conservation body warns scientists” *Science* 19 Jan 2021 <https://www.sciencemag.org/news/2021/01/no-more-cuddly-selfies-our-ape-cousins-top-conservation-body-warns-scientists>

“Tooth tartar could uncover the drug habits of ancient people” *Science* 7 Jan 2021
<https://www.sciencemag.org/news/2021/01/tooth-tartar-could-uncover-drug-habits-ancient-people>

2020 **Online Series** for *Discover*, covering fundamental topics & classic tales in Anthropology. All posts here: <http://discovermagazine.com/authors/bridget-alex>
 Began September 2018.

“Ancient European Hunters Carved Human Bones Into Weapons” *Smithsonian* 21 Dec 2020 <https://www.smithsonianmag.com/science-nature/ancient-european-hunters-carved-human-bones-weapons-180976570/>

“Shrine of decapitated heads suggests violence against foreigners in ancient Mexico” *Science* 17 Dec 2020 <https://www.sciencemag.org/news/2020/12/shrine-decapitated-heads-suggests-violence-against-foreigners-ancient-mexico>

“Rulers of the Upper Realm, Thunderbirds Are Powerful Native Spirits” *Audubon* 30 Nov 2020 <https://www.audubon.org/news/-rulers-upper-realm-thunderbirds-are-powerful-native-spirits>

“An Athletic Evolution” *Discover* Oct 2020 <https://www.discovermagazine.com/planet-earth/how-strong-were-ancient-humans-modern-day-athletes-are-a-window-to-the-past>

“Journey Complete, Scott Edwards Looks Back on His Cross-Country Bicycling Trip” *Audubon* 27 August 2020 <https://www.audubon.org/news/journey-complete-scott-edwards-looks-back-his-cross-country-bicycling-trip>

“Monkeys’ Attraction to Burned Grasslands May Offer Clues to Human Ancestors’ Mastery of Fire” *Smithsonian* 10 August 2020 <https://www.smithsonianmag.com/science-nature/monkeys-attraction-burned-grasslands-may-offer-clues-human-ancestors-mastery-fire-180975527/>

“Sacred site reveals how Indigenous people resisted colonial forces for 130 years” *Science News* 22 July 2020 <https://www.sciencemag.org/news/2020/07/sacred-site-reveals-how-georgia-s-muscogee-tribes-resisted-colonial-culture-130-years>

“Meet the Harvard Ornithology Professor Biking Across the Country” *Audubon* 26 June 2020 <https://www.audubon.org/news/meet-harvard-ornithology-professor-biking-across-country>

“More than Child’s Play” (6/2020) *Discover* <https://www.discovermagazine.com/planet-earth/the-ancient-practice-of-child-labor-is-coming-to-light>

“Brews from a Cave Grave” (5/2020) *Discover* <https://www.discovermagazine.com/planet-earth/was-the-first-beer-brewed-for-the-dead>

“The Lemur and the Lioness” (3/2020) *Discover* <https://www.discovermagazine.com/planet-earth/from-animals-to-human-society-what-we-learn-when-women-lead>

“A Matter of Life and Death” (3/2020) *Discover* <https://www.discovermagazine.com/planet-earth/when-did-ancient-humans-begin-to-understand-death>

“Lots ‘o Motza” *Discover* (1/2020) <https://www.discovermagazine.com/planet-earth/excavations-at-motza-reveal-the-9-000-year-old-town-was-mega-huge>

2019 “Stuck on You” *Discover* (11/2019)

<https://www.discovermagazine.com/planet-earth/what-the-bugs-that-live-on-our-bodies-say-about-human-history>

“Plague was around for millennia before epidemics took hold—and the way people lived might be what protected them” *The Conversation* (11/2019)

<https://theconversation.com/plague-was-around-for-millennia-before-epidemics-took-hold-and-the-way-people-lived-might-be-what-protected-them-120316>

“Getting Naked” *Discover* (9/2019)

<https://www.discovermagazine.com/planet-earth/what-happened-when-humans-became-hairless>

“Everything Worth Knowing – Monkeys” *Discover* (7/2019)

<https://discovermagazine.com/2019/july/ewk-monkeys>

“Everything Worth Knowing – Stress” *Discover* (7/2019)

<https://discovermagazine.com/2019/july/ewk-stress>

“Are the Oldest Fossils Real – Or Just Rocks?” *Discover magazine* (6/2019)

<https://www.discovermagazine.com/planet-earth/are-the-oldest-fossils-real-or-just-rocks>

“The World Is Our Niche” *Discover magazine* (4/2019)

<https://www.discovermagazine.com/planet-earth/the-world-is-our-niche>

“To Sleep, Perchance to Evolve” *Discover magazine* (1/2019)

<http://discovermagazine.com/2019/jan/to-sleep-perchance-to-evolve>

Archaeology Year in Science Review. *Discover magazine* (1/2019)

“Finding a Barrow, Barley” *Discover magazine* (1/2019)

2018

“Hopeful Monsters: What Defines a Species” *Discover magazine* (9/2018)

<http://discovermagazine.com/2018/sep/hopeful-monsters>

“Everything Worth Knowing – Neanderthals” *Discover magazine* (7/2018)

<http://discovermagazine.com/2018/jul-aug/neanderthals>

“Something Stirs: What Will Happen as Permafrost Thaws” *Discover magazine* (6/2018)

<http://discovermagazine.com/2018/jun/something-stirs>

“The Great Aztec Temple” *Discover* magazine (4/2018)
<http://discovermagazine.com/2018/apr/the-great-aztec-temple>

“A Brush with a Feathered Foe” *Discover* magazine (4/2018)
<http://discovermagazine.com/2018/apr/a-brush-with-a-feathered-foe>

2017 “Stone Cold Science” *Discover* magazine (11/2017)
<http://discovermagazine.com/2017/nov/stone-cold-science>

“Unraveling a Secret” *Discover* magazine (10/2017)
<http://discovermagazine.com/2017/oct/unraveling-a-secret>

“Bronze Age Teens Ate Dogs to Become Men” *Discover* (8/8/17)
<http://blogs.discovermagazine.com/d-brief/2017/08/08/bronze-age-teens-ate-dogs/>

“Everything Worth Knowing – Ancient DNA” *Discover* magazine (6/2017)
<http://discovermagazine.com/2017/jul-aug/ancient-dna>

“Untangling the Ancient Inca Code of Strings” *Discover* (4/19/2017)
<http://blogs.discovermagazine.com/d-brief/2017/04/19/kipu-code-inca-language/>

“DNA dating: How molecular clocks are refining human evolution’s timeline” *The Conversation* (4/7/17) <http://theconversation.com/dna-dating-how-molecular-clocks-are-refining-human-evolutions-timeline-65606>

Year in Science stories. *Discover* magazine (1/2017)

#4 – Oldest Human DNA Revises our Family Tree

#16 – We Are All Africans

#24 – Finding China’s Great Flood

#28 – A Bone to Pick about Philistines

#43 – Birds Sleep During Flight, Too

#54 – Skin Deep Evolutionary Link

#66 – The Nose Knows Antibiotics

#68 – Our First Date Out of Africa

#75 – Poster Critter for Climate Change

#80 – Greenland Sharks Can Live 500 Years and Counting

#88 – A Fossil from the Heavens

2016 “Why we’re closer than ever to a timeline for human evolution” *The Guardian* (12/22/16) https://www.theguardian.com/science/blog/2016/dec/22/why-were-closer-than-ever-to-a-timeline-for-human-evolution?CMP=share_btn_tw

“Meet the Denisovans” *Discover* magazine (12/2016)
<http://discovermagazine.com/2016/dec/meet-the-denisovans#>

“Flossing- What Is It Good For” *Discover* magazine (12/2016)

<http://discovermagazine.com/2016/dec/flossing--what-is-it-good-for>

“Neanderthal vs Neandertal” *Discover* online. (8/26/16)

<http://blogs.discovermagazine.com/crux/2016/08/25/is-it-neander-tal-or-neanderthal/>

“Yes, Some Greenland Sharks Are Old, but 400 Years Old?!” *Discover* online (8/11/16)

<http://blogs.discovermagazine.com/d-brief/2016/08/11/greenland-sharks-400-years-old/>

“Your Nose May have Drugs in it, the Antibiotic Kind” *Discover* online (7/27/16)

<http://blogs.discovermagazine.com/d-brief/2016/07/27/your-nose-may-have-drugs-in-it-the-antibiotic-kind/>

“Biodiversity Below ‘Safe’ Levels? Ecologists Disagree” *Discover* online (7/14/16)

<http://blogs.discovermagazine.com/crux/2016/07/14/earths-biodiversity-has-fallen-below-safe-levels-critics-sound-caution/>

“Blame Your Subpar Fitness on that Neanderthal DNA” *Discover* online (7/13/16)

<http://blogs.discovermagazine.com/crux/2016/07/13/blame-your-subpar-fitness-on-that-neanderthal-dna/>

“Designer Super-Smeller Mice Could Detect Explosives, Disease” *Discover* online

(7/7/16) <http://blogs.discovermagazine.com/d-brief/2016/07/07/designer-super-smeller-mice-could-detect-explosives-disease/>

“Baby Cadavers Were Prized by Victorian Anatomists” *Discover* online (6/30/16)

<http://blogs.discovermagazine.com/d-brief/2016/06/30/baby-cadavers-were-prized-by-victorian-anatomists/>

“Neanderthal-Human Interbreeding” *You’re the Expert* podcast

<https://soundcloud.com/youre-the-expert/neanderthal-human-interbreeding>

2015 “Identifying Encounters between Neanderthals and Modern Humans through Reliable Radiocarbon Dates.” Harvard Horizons symposium

<https://gsas.harvard.edu/profiles/bridget-alex-0>

CONFERENCE PRESENTATIONS & INVITED LECTURES

2022 **Invited lecture, University of Southern California, Human and Evolutionary Biology**

Alex, B.A., J. Ji, and R. Flad “Examining the regional scope of archaeology coverage by US media: Is anti-Asian bias evident?” Paper, 87th Society for American Archaeology meetings, Chicago.

Invited lecture, Duke University, Evolutionary Anthropology

2021 Invited virtual lecture, Cornell University, Department of Anthropology.

Invited virtual lecture, California State University Dominguez Hills, Department of Anthropology

Invited virtual lecture, University of Connecticut, Department of Anthropology

2017 **Invited lecture, California Academy of Sciences**

2016 **Alex, B.A.** and E. Boaretto, “Radiocarbon dating of human remains from Ashkelon Iron Age cemetery,” Paper, ASOR meeting, San Antonio.

2016 **Alex, B.A.**, D. Fulton, E. Boaretto, D. Master, “Establishing Best Practice for Bone Collection and Storage at the site of Tel Ashkelon, Israel,” Paper, 41st International Symposium on Archaeometry, Kalamata, Greece.

2016 **Invited lecture, University of Connecticut, Department of Anthropology**

2016 **Invited lecture, Rutgers University, Department of Anthropology.**

2015 **Invited lecture, Dartmouth College, Department of Anthropology.**

2015 **Alex, B.A.**, D. Mihailović, S. Milošević, E. Boaretto, “Timing and nature of Neanderthal-modern human overlap in the Balkans,” Poster, Paleoanthropology Society meetings, San Francisco.

2015 **Alex, B.A.**, O. Barzilai, E. Boaretto, “Chronology of the Early Upper Paleolithic at Manot Cave, Israel,” Paper, 80th Society for American Archaeology meetings, San Francisco.

2014 **Invited lecture, Max Planck Institute for Evolutionary Anthropology, Germany.**

2013 **Invited lecture, Kimmel Center for Archaeological Science, Weizmann Institute, Israel.**

2013 **Alex, B.A.**, E. Boaretto, D. Master, “Establishing Best Practice for Bone Collection and Storage at the Site of Ashkelon, Israel,” Paper, 78th meeting Society for American Archaeology, Honolulu.

2013 Invited lecture, Harvard Department of Anthropology.

- 2012 Invited lecture, Kimmel Center for Archaeological Science, Weizmann Institute, Israel.
- 2012 **Alex, B.A.**, D. Mihailović, S. Milošević, M. Morley, M. Roksandic, E. Boaretto, "Radiocarbon Sampling a Middle to Upper Paleolithic Palimpsest in the Balkans," Paper, 77th meeting Society for American Archaeology, Memphis.
- 2010 **Alex, B.A.**, N. Tuross, A.K. Behrensmeyer, "Amboseli Hydrogen Isotopes Across Species and Time," Poster, 38th International Symposium on Archaeometry, Tampa (honorable mention SAA R.E. Taylor student poster award).
- 2010 **Alex, B.A.**, K. Muldoon, L. Godfrey, S. King, "LA-ICP-MS of Malagasy Mammal Enamel," Poster, 79th meeting American Association of Physical Anthropologists, Albuquerque.
- 2009 **Alex, B.A.**, D. Nichols, B. Jackson, M.D. Glascock, "Multi-method Analysis of pre-Teotihuacan ceramics," Poster, 74th meeting Society for American Archaeology, Atlanta (honorable mention SAA R.E. Taylor student poster award).

INSTITUTIONAL AND PROFESSIONAL SERVICE

- Ongoing Peer-Reviewer for *Quaternary Science Reviews*, *Proceedings of the National Academy of Sciences*, *PLOS One*
- 2022 Book Reviews Editor for *Evolution, Medicine, & Public Health*
Reviewer for NASW Summer Diversity Fellowship program
- 2020-2021 Harvard Anthropology Standing Committee for a Supportive Departmental Community, Outreach Sub-committee members
- 2017-2020 Reviewer for AAAS Mass Media Fellowship program

OUTREACH

- 2019 Chautauqua Institution Special Studies Course
Public lecture, Harvard Museum of Natural History, I Heart Science Festival
- 2018 Chautauqua Institution Special Studies Course (designed and taught 2 one week classes for adults, "Human Evolution")
- 2017 Big History Project teacher workshop, guest lecturer
Chautauqua Institution Special Studies Course (designed and taught one week class for adults, "The Human Species")
- 2017 Harvard Graduate School of Arts and Sciences Alumni Day Presenter
Science lesson, Beebee Middle School, Malden, MA

- School talk, Beebee Middle School, Malden, MA, AAAS Science Days
Public lecture, Harvard Museum of Natural History, I Heart Science Festival
- 2016 Scientific Adviser for AntiMatter Theater company, Future Perfect play
Speaker, NOVA and Leakey Foundation, Evolution Workshop for Teachers
Public lecture, Harvard Museum of Natural History, I Heart Science Festival
- 2015 Public lecture, Harvard Alumni Association, New York City.
Public lecture, Harvard Peabody Museum, Amazing Archaeology Day
- 2009-2012 Science Club for Girls instructor and archaeology curriculum writer
- 2012 Harvard Anthropology Department radiocarbon workshop, instructor
- 2012- 2014 Graduate student volunteer and coordinator for community programs at
Harvard Museum of Natural History
- 2011 Harvard Mini-course, *What's the Deal with Humans: Archaeology and Human
Evolution* (designed and delivered 10 lectures)
- 2010 Harvard Mini-course, *History Before History: From the Origins of the Universe to
the Modern Era* (designed and delivered 10 lectures)

FIELD PROJECTS

- 2012-2016 Manot Cave, Israel
2011-2016 Leon Levy Expedition to Ashkelon, Israel
2010-2015 Ciemna Cave, Obłazowa Cave, Poland
2010-2014 Sicevo Valley, Serbia
2014 Sde Boker, Israel

SYNERGISTIC ACTIVITIES

Organizer Harvard Archaeology Seminar Series, Organizer Kimmel Center for Archaeological Science Seminar Series, Graduate Student Representative for Archaeology Program, Student representative on Paleolithic Archaeologist Search Committee, Coordinator of Archaeology graduate student research seminar, Harvard Graduate Women in Science and Engineering Anthropology department representative

PROFESSIONAL AFFILIATIONS

National Association of Science Writers (NASW); American Association for the Advancement of Science (AAAS); Fulbright Foundation; Society for American Archaeology (SAA); Sigma Xi, Scientific Research Society; American Association of Physical Anthropology (AAPA); American Chemistry Society Division of Analytical Chemistry; Geological Society of America; Paleoanthropology Society; American School of Oriental Research (ASOR)

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