Curriculum Vitae

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PROFESSIONAL POSITIONS

Endowed Chair of Anthropology, Dartmouth College. 2025-present
Department Chair and Professor, Anthropology, Dartmouth College. 2022-2025
Associate Professor of Anthropology, Dartmouth College. 2015-2022

Assistant Professor of Anthropology, Boston University. 2009-2015.
Assistant Professor of Biology, Worcester State College. 2008-2009.
Adjunct Instructor of Biology at Northwest State Community College, Ohio. 2007-2008.
Life Science Interpretation Coordinator. Boston Museum of Science. 2000-2003
Education Fellow. Boston Museum of Science. 1999-2000
High School Science Teacher. Somerset High School, MA. 1998-1999

EDUCATION

University of Michigan
Ph.D. Biological Anthropology, 2008.
Thesis: Vertical climbing adaptations in the anthropoid ankle and midfoot: Implications for locomotion in Miocene catarrhines and Plio-Pleistocene hominins.
Committee: Laura MacLatchy (Chair), D. Fisher, J. Mitani, W. Sanders, M. Wolpoff

Cornell University
B.A. Biology (Physiology concentration), 1998

AFFILIATIONS & OTHER RESPONSIBILITIES

- Board of Trustees. Montshire Museum of Science. 2019-2025.
  - Member of the Montshire Museum of Science Corporation and Program Committee. 2016-2025. Chair of Program Committee. 2019-2021.
  - Head of Search Committee for new Executive Director. 2021.
  - Secretary of Board of Trustees. 2021-2025.
- Honorary Research Fellow. *Evolutionary Sciences Institute*. University of the Witwatersrand, South Africa. 2014-present.
- Member of the American Association for the Advancement of Science (AAAS) Committee on Science & Technology Engagement with the Public (CoSTEP). Feb. 2020-Feb. 2023.
- Board of Directors. *The Wildebeest Tail*. 2018-2022.
- Public Voices Fellow. Op-Ed Project. 2018-2019.

- Associate Editor. *Journal of Human Evolution*. 2013-2015.
- Affiliated research scientist. Orthopaedics Biomechanics Laboratory. Beth Israel Deaconess Medical Center, Boston, MA. 2010-2015.
- Content Advisor. Boston Museum of Science *Hall of Human Life*. Opened: November 2014.

POPULAR SCIENCE BOOKS

DeSilva, J.M. Under contract. *Us: The Amazing Story of Human Evolution.* HarperCollins. Publication date 2027.

DeSilva, J.M. 2021. *First Steps. How Upright Walking Made Us Human.* HarperCollins.

Starred reviews in *Publishers Weekly* and *Library Journal*

Reviewed in *Wall Street Journal*, *Science News* , *Washington Post*, and *New York Times Book Review*

ScienceNews' Top 12 books of the year, 2021.

Winner of 2021 AAA W.W. Howells Award in Biological Anthropology

DeSilva, J.M. 2021. Editor. *A Most Interesting Problem. What Darwin's* Descent of Man *Got Right and Wrong About Human Evolution*. Princeton University Press.

Reviewed in *New York Review*, *Science*, *Kirkus,*

PEER-REVIEWED PUBLICATIONS

In preparation

DeSilva, J.M. The (ancient) apes and us: a view from the fossils. In: Riskin, J., Winterer, C. (Eds.). The Apes & Us: A Century of Representations of Our Closest Relatives. Stanford University Press.

DeSilva, J.M., Zipfel, B., Ramsawak, G., Berger, L. New foot fossils from Malapa, South Africa.

DeSilva, J.M., Miller, C., Churchill, S.E., Bolter, D., Hawks, J., Ramsawak, G., Berger, L. New lower limb fossils from Malapa, South Africa.

Lukova, A., Cazenave, M., Dunmore, C.J., Pietrobelli, A., Bachmann, S., Synek, A., **DeSilva, J.M.,** Kivell, T.L., Skinner, M.M. Reconstructing locomotion in *Australopithecus sediba*: Knee joint loading diversity in South African hominins as evidenced by trabecular structure of the distal femur.

Schepers, T., Helm, J.A., Throckmorton, Z., Zipfel, B., **DeSilva, J.M.** Foot and ankle injuries in the hominin fossil record.

In review

DeSilva, J.M., Miller, C.M. Cazenave, M., Chirchir, H., Gazabon, A.V., Hammond, A., Kivell, T., Komza, K., McNutt, E., Tommy, K., Tsegai, Z., Zipfel, B., Braga, J. New postcranial fossils from Kromdraai, South Africa (2014-2025). *Anatomical Record.*

Miller, C.M., Zimmer, V., Harper, C., **DeSilva, J.M.** *Australopithecus* retained a slightly flexed knee during bipedal gait. *Communications Biology*.

Tsegai, Z.J., Davies, T.W., Chamberlain B., **DeSilva, J.M.**, Zipfel, B., Kivell, T.L., Skinner, M.M. Locomotor diversity in *Australopithecus* from Sterkfontein Member 4: External shape and internal bone structure of the StW 562 and StW 595 first metatarsals. *American Journal of Biological Anthropology*

Wang, K., Ren, L., Lu, X., **DeSilva, J.M.,** McNutt, E., Nester, C., Zollikofer, C.P.E., Ponce de León, M.S., Miller, C., Qian, Z., Ren, L. Self-aligning by talocrural-subtalar coupling and the evolution of the human ankle. *Science Robotics*.

Wiseman, A., Demuth, O.E., **DeSilva, J.M**., Chapman, T., Crompton, R., Lahr, M.M., Wanniarachchi, K., Vereecke, E. Locomotor reconstructions suggest arboreal adaptations in some early hominins. *Royal Society Proc B*

<u>In revision</u>

<u>Accepted, in press.</u>

<u>Published (88)</u>
DeSilva, J.M. 2025. Comment on "Direct effects of bipedalism on early hominin fetuses stimulated later musical and linguistic evolution." *Current Anthropology*

Chapman, T.J., Walker, C., Churchill, S.E., Marchi, D., Vereecke, E.E., **DeSilva, J.M.,** Zipfel, B., Hawks, J., Van Sint Jan, S., Berger, L.R., Throckmorton, Z. 2025. Long legs and small joints: the locomotor capabilities of *Homo naledi*. *Journal of Anatomy*. 246: 892-906.

Callaghan, C.W., Dominy, N. J., **DeSilva, J.M**., Mankin, J.S. 2024. "Reply to Sato and Kohyama.*" Bulletin of the American Meteorological Society*.

Miller, C.K., McCann, R., Hatala, K., Musiba, C., **DeSilva, J.M.** 2024. Early hominin movement patterns at Laetoli, Tanzania. *PaleoAnthropology*. 2024: 139-147.

Miller, C.K., **DeSilva, J.M**. 2024. A review of the distal femur of *Australopithecus*. *Evolutionary Anthropology*. 33: e22012

Callaghan, C.W., Dominy, N. J., **DeSilva, J.M**., Mankin, J.S. 2023. Global warming, home runs, and the future of America's pastime. *Bulletin of the American Meteorological Society*. 104: E1006-E1016.

DeSilva, J.M. 2023. 25. Jeremy "Jerry" DeSilva. In: Almécija, S., ed. Humans. Perspectives on Our Evolution from Worlds Experts. Columbia University Press.

DeSilva, J.M., Fannin, L., Cheney, I., Claxton, A., Fannin, L., Ilies, I., Kittelberger, J., Stibel, J., Traniello, J. 2023. Human brains *have* shrunk: the questions are *when* and *why*. *Frontiers in Ecology and Evolution.* 11, 1191274.

Eyre, J., **DeSilva, J.M.**, Semaw, S., Williams, S.A. 2023. Unusual pubic bone morphology in A.L. 288-1 (*Australopithecus afarensis*) and MH2 (*Australopithecus sediba*). *American Journal of Biological Anthropology*. 180: 573-582.

Fannin, L.D., Joy, M.S., Dominy, N.J., McGraw, W.S., **DeSilva, J.M.** 2023. Downclimbing and the evolution of ape forelimb morphologies. *Royal Society Open Science*. 10, 230145.

Key, A., Clark, J., **DeSilva, J.M,** Kangas, S. 2023. An earlier social history for handaxes: a 15th Century depiction of an Acheulean biface. *Cambridge Archaeological Journal.* 1-17.

Sorrentino, R., Carlson, K., Orr, C.M., Pietrobelli, A., Figus, C., Li, S., Conconi, M., Sancisi, N., Belvedere, C., Zhu, M., Fiorenza, L., Hublin, J-J., Jashashvili, T., Novac, M., Patel, B., Prang, T.C., Williams, S.A., Jaap, P.P., Saers, J., Stock, J., Ryan, T., Myerson, M., Leardini. A., **DeSilva, J.M.,** Marchi, D., Belcastro, M., Benazzi, S.

2023. Morphological and evolutionary insights into the keystone element of the human foot's medial longitudinal arch. *Communications Biology*. 6, 1061 (2023).

DeSilva, J.M. 2022. Childbirth and infant care in early human ancestors: what the bones tell us. In: Hart, S., Bjorklund, D.F. eds. *Evolutionary Perspectives on Infancy*. Springer.

DeSilva, J.M., Grinspoon, D., Husain, T.Z. 2022. On being human: A dialogue on literary and scientific perspectives. In: Gleiser, M. (Ed.) *Great Minds Don't Think Alike: Debates on Consciousness, Reality, Intelligence, Faith, Time, AI, Immortality, and the Human*. Columbia University Press.

DeSilva, J.M., McNutt, E., Zipfel, B. 2022. The early hominin foot. In: Zeininger, A., Hatala, K., Wunderlich, R., Schmitt, D. (Eds.) *Evolution of the Primate Foot*. New York: Springer.

Harper, C.M., Zipfel, B., **DeSilva, J.M**., McNutt, E., Thackeray, F., Braga, J. 2022. A new early hominin calcaneus from Kromdraai (South Africa). *Journal of Anatomy*. 241(2), 500-517.

Heard-Booth, A., Kuo, S., McNutt, E., **DeSilva, J.M.** 2022. The primate midfoot and human longitudinal arch. In: Zeininger, A., Hatala, K., Wunderlich, R., Schmitt, D. (Eds.) *Evolution of the Primate Foot*. New York: Springer.

Rosen, K., Jones, C., **DeSilva, J.M.** 2022. Bipedal locomotion in zoo apes: Revisiting the hylobatian model for bipedal origins. *Evolutionary Human Sciences*. 1-16.

Sowinski, D.R., Carroll-Nellenback, J., **DeSilva, J.M.,** Frank, A., Ghoshal, G., Gleiser, M. 2022. The consensus problem in polities of agents with dissimilar cognitive architectures. *Entropy*. 24(10), 1378.

DeSilva, J.M., J. Traniello, Fannin, L., Claxton, A. 2021. When and why did human brains decrease in size? A new change-point analysis and insights from brain evolution in ants. *Frontiers in Ecology and Evolution*. 712.

Everett, M.C., Elliott, M.C., Gaynor, D., Hill, A.C., Syeda, S.M., Casana, J., Zipfel, B., **DeSilva, J.M.**, Dominy. N.J. 2021. Mechanical loading of primate fingers on vertical rock surfaces. *South African Journal of Science*. 117: 1-6.

Kitchel, N., **DeSilva, J.M.** 2021. First AMS radiocarbon date and stable C:N isotope analysis for the Mount Holly Mammoth, Vermont, USA. *Boreas*. 50: 862-870.

McNutt, E.J., Hatala, K., Miller, C.K., Adams, J., Casana, J., Deane, A.S., Dominy, N.J., Fabian, K., Fannin, L.D., Gaughan, S., Gill, S.V., Gurtu, J., Gustafson, E., Hill, A.C., Johnson, C., Kallindo, S., Kilham, B., Kilham, P., Kim, E., Liutkus-Pierce, C., Maley, B., Prabhat, A., Reader, J., Rubin, S., Thompson, N.E., Thornburg, R., Williams-Hatala, E.M., Zimmer, B., Musiba, C.M., **DeSilva, J.M.** 2021. Footprint Evidence for Early Hominin Locomotor Diversity at Laetoli, Tanzania. *Nature*. 700: 468-471.

Prabhat, A.M., Miller, C.K., Prang, T.C., Spear, J.K., Williams, S.A., **DeSilva, J.M.** 2021. Homoplasy in the evolution of modern human-like joint proportions in *Australopithecus afarensis*. *eLife*. 10: e65897.

Böhme, M., Spassov, N., **DeSilva, J.M.,** Begun, D. 2020. Reply to: Reevaluating bipedalism in *Danuvius*. *Nature*. 586, E4-E5.

DeSilva, J.M., McNutt, E.J., Zipfel, B., Ward, C.V. Kimbel, W.H. 2020. Short Communication: Associated *Australopithecus afarensis* second and third metatarsals (A.L. 333-133) from Hadar, Ethiopia. *Journal of Human Evolution*. 146, 102848.

DeSilva, J.M., Grabowski, M. Femora. 2020. In: Zipfel, B., Richmond, B., Ward, C. (Eds.) *Hominin Postcranial Remains from Sterkfontein, South Africa, 1936-1995*. Oxford University Press.

McNutt, E., **DeSilva, J.M.** 2020. Evidence for an elongated Achilles tendon in *Australopithecus*. *The Anatomical Record*. 303, 2382-2391.

DeSilva, J.M., McNutt, E., Benoit, J., Zipfel, B. 2019. One Small Step: A review of Plio-Pleistocene hominin foot evolution. *Yearbook of Physical Anthropology*. S67: 63-140.

DeSilva, J.M. 2019. Lazaret 3 and the origins of compassion. In: de Lumley, M.-A. (Ed.) *Les Restes Humains Fossiles de la Grotte du Lazaret*. Paris: CNRS. p. 603-604.

DeSilva, J.M. 2019. Mosaic evolution. In: Trevathan, W. (Ed.) *The International Encyclopedia of Biological Anthropology*. John Wiley and Sons, Inc.

DeSilva, J.M., McNutt, E. 2019. Bipedalism. In: Trevathan, W. (Ed.) *The International Encyclopedia of Biological Anthropology*. John Wiley and Sons, Inc.

Friedl, L., Claxton, A.G., Walker, C.S., Churchill, S.E., Holliday, T.W., Hawks, J.W., Berger, L.R., **DeSilva, J.M.,** Marchi, D. 2019. Femoral neck and shaft structure in *Homo naledi* from the Dinaledi Chamber (Rising Star System). *Journal of Human Evolution*. 133, 61-77.

Laudicina, N., Rodriguez, F., **DeSilva, J.M.** 2019. Reconstructing birth in *Australopithecus sediba*. *PLoS ONE*. 14, e0221871.

Walker, C., Cofran, Z.D., Grabowski, M., Marchi, D., Cook, R.W., Churchill, S.E., Tommy, K.A., Throckmorton, Z., Ross, A.H., Hawks, J., Yapunich, G.S., Van Arsdale, A.P., Rentzeperis, F., Berger, L., **DeSilva, J.M.** 2019. Morphology and evolution of the *Homo naledi* femora from Lesedi. *American Journal of Physical Anthropology*. 170, 5-23.

Boyle, E., McNutt, E., Sasaki, T., Suwa, G., Zipfel, B., **DeSilva, J.M.** 2018. A quantification of calcaneal lateral plantar process position with implications for locomotion in *Australopithecus*. *Journal of Human Evolution*. 123: 24-34.

DeSilva, J.M. 2018. Comment on "The growth pattern of Neandertals, reconstructed from a juvenile skeleton from El Sidrón (Spain)." *Science*. 359: eaar3611.

DeSilva, J.M., Gill, C., Prang, C., Bredella, M., Alemseged, Z. 2018. A nearly complete foot from Dikika, Ethiopia and its implications for the ontogeny and function of *Australopithecus afarensis*. *Science Advances*. 4: eaar7723.

DeSilva, J.M., Carlson, K.J., Claxton, A., Harcourt-Smith, W.E.H., McNutt, E., Sylvester, A.D., Walker, C., Zipfel, B., Churchill, S.E., Berger, L.R. 2018. The anatomy of the lower limb skeleton of *Australopithecus sediba*. *PaleoAnthropology*. 2018: 357-405.

Holliday, T., Churchill, S., Carlson, K., **DeSilva, J.M.**, Schmid, P., Walker, C., Berger, L. 2018. Body size and proportions of *Australopithecus sediba*. *PaleoAnthropology*. 2018: 406-422.

McNutt, E., Zipfel, B., **DeSilva, J.M.** 2018. Evolution of the human foot. *Evolutionary Anthropology*. 27: 197-217.

Williams, S., **DeSilva, J.M.,** de Ruiter, D. 2018. Malapa at 10: Introduction to the special issue on *Australopithecus sediba*. *PaleoAnthropology*. 2018: 49-55.

Zhang, A., **DeSilva, J.M.** 2018. Computer animation of walking mechanics in *Australopithecus sediba*. *PaleoAnthropology*. 2018: 423-432.

DeSilva, J.M., Laudicina, N., Rosenberg, K., Trevathan, W. 2017. Neonatal shoulder width suggests a semi-rotational oblique birth mechanism in *Australopithecus afarensis*. *The Anatomical Record*. 300: 890-899.

DeSilva, J.M., Rosenberg, K. 2017. Anatomy, development, and function of the human pelvis. *The Anatomical Record*. 300: 628-632.

Hawks, J., Elliot, M., Schmid, P., Churchill, S.E., de Ruiter, D.J., Roberts, E., Hilbert-Wolf, H., Garvin, H.M., Williams, S.A., Delezene, L.K., Feuerriegel, D.M., Randolph-Quinney, P., Kivell, T.L., Laird, M.F., Tawane, G., **DeSilva, J.M.**, Bailey, S.E., Brophy, J.K., Meyer, M.R., Skinner, M., Tocheri, M.W., VanSickle, C., Walker, C.S., Campbell, T.L., Kuhn, B., Kruger, A., Tucker, S., Gurtov, A., Hlophe, N., Hunter, R., Morris, H., Peixotto, B., Ramalepa, M., van Rooyen, D., Tsikoane, M., Dirks, P., Berger, L.R. 2017. New fossil remains of *Homo naledi* from the Lesedi Chamber, South Africa. *eLIFE*. 6:e24232.

Marchi, D., Walker, C.S., Wei, P., Holliday, T.W., Churchill, S.E., Berger, L.R., **DeSilva, J.M.** 2017. The thigh and leg of *Homo naledi*. *Journal of Human Evolution*. 104: 174-204.

Rosenberg, K., **DeSilva, J.M.** 2017. Evolution of the human pelvis. *The Anatomical Record*. 300: 789-797.

Claxton, A.G., Hammond, A.S., Romano, J., Oleinik, E., **DeSilva, J.M.** 2016. Virtual reconstruction of an *Australopithecus* female pelvis (Sts 65) and birth in early hominins. *Journal of Human Evolution*. 99: 10-24.

DeSilva, J.M. 2016. Brains, birth, bipedalism and the mosaic evolution of the helpless infant. In: Rosenberg, K., Trevathan, W. (Eds.) *Costly and Cute. How Helpless Newborns Made Us Human*. SAR Press.

Gill, S., Keimig, S., Kelty-Stephen, D., Hung, Y-C., **DeSilva, J.M.** 2016. The relationship between foot arch measurements and walking parameters in children. *BMC Pediatrics*. 16: 1-8.

Grabowski, M., Costa, B., Rossoni, D., Marroig, G., **DeSilva, J.M.**, Herculano-Houzel, S., Neubauer, S., Grabowski, M. 2016. From Bigger Brains to Bigger Bodies: The Correlated Evolution of Human Brain and Body Size. *Current Anthropology*. 57 (2).

Berger, L.R., Hawks, J., de Ruiter, D.J., Churchill, S.E., Schmid, P., Delezene, L., Kivell, T., Garvin, H.M., Williams, S.A., **DeSilva, J.M.**, Skinner, M., Musiba, C.M., Cameron, N., Holliday, T.W., Harcourt-Smith, W., Ackermann, R.R., Bastir, M., Bogin, B., Bolter, D., Brophy, J., Cofran, Z.D., Congdon, K.A., Deane, A.S., Dembo, M., Drapeau, M., Elliott, M., Feuerriegel, E.M., Garcia-Martinez, D., Green, D.J., Gurtov, A., Irish, J.D., Kruger, A., Laird, M.F., Marchi, D., Meyer, M.R., Nalla, S., Negash, E.W., Orr, C., Radovcic, D., Schroeder, L., Scott, J.E., Throckmorton, Z., Tocheri, M., VanSickle, C., Walker, C.S., Wei, P., Zipfel, B. 2015. *Homo naledi*, a new species of the genus *Homo* from the Dinaledi Chamber, South Africa. *eLIFE*. 4:e09560. 1-35.

Boyle, E., **DeSilva, J.M.** 2015. A large *Homo erectus* talus from Koobi Fora, Kenya (KNM-ER 5428) and Pleistocene hominin talar evolution. *PaleoAnthropology*. 1-13.

Cofran, Z. **DeSilva, J.M.** 2015. A neonatal perspective on *Homo erectus* brain growth. *Journal of Human Evolution*. 81: 41-47

DeSilva, J.M. Bonne-Annee, R., Swanson, Z., Gill, C., Sobel, M., Uy, J., Gill, S. 2015. Midtarsal break variation in modern humans: functional causes, skeletal correlates, and paleontological implications. *American Journal of Physical Anthropology*. 156: 543-552.

Gill, C., Bredella, M.A., **DeSilva, J.M.** 2015. Skeletal development of hallucal tarsometatarsal joint curvature and angulation in extant apes and modern humans. *Journal of Human Evolution*. 88: 137-145

Gill, S., Vessali, M., Pratt, J., Watts, S., Pratt, J., Raghavan, P., **DeSilva, J.M.** 2015. The importance of interdisciplinary research training and community dissemination. *Clinical and Translational Science*. 8: 611-614.

Harcourt-Smith, W.E.H., Throckmorton, Z., Congdon, K.A., Zipfel, B., Deana, A.S., Drapeau, M.S.M., Churchill, S.E., Berger, L.E., **DeSilva, J.M.** 2015. The foot of *Homo naledi*. *Nature Communications*. 6: 1-8.

Gill, C., Taneja, A., Bredella, M., Torriani, M., **DeSilva, J.M.** 2014. Osteogenic relationship between the lateral plantar process and the peroneal tubercle in the human calcaneus. *Journal of Anatomy*. 224: 173-179.

Gill, S., Lewis, C., **DeSilva, J.M.** 2014. Arch height mediation of obesity-related walking in adults: Contributors to physical activity limitations. *Physiology Journal*. 821482.

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DeSilva, J.M., Steininger, C., Patel, B. 2013. Cercopithecoid primate postcranial fossils from Cooper's D, South Africa. *Geobios*. 46: 381-394.

Fajardo, R.J., **DeSilva, J.M.**, Manoharan, R.K., Knittel, J.M., MacLatchy, L.M., Bouxsein, M.L. 2013. Lumbar vertebral body bone microstructural scaling in small to medium-sized strepsirhines. *The Anatomical Record*. 296: 210-226.

Kuo, S., **DeSilva, J.M.**, Devlin, M., McDonald, G., Morgan, E. 2013. The effect of the Achilles tendon on trabecular structure in the primate calcaneus. *The Anatomical Record*. 296: 1509-1517.

O'Connell, C.O., **DeSilva, J.M.** 2013. Mojokerto Revisited: Evidence for a unique pattern of brain growth in *Homo erectus*. *Journal of Human Evolution*. 65: 156-161.

Venkataraman, V.V., Kraft, T.S., **DeSilva, J.M.**, Dominy, N.J. 2013. Phenotypic plasticity of climbing-related traits in the ankle joint of great apes and rainforest hunter-gatherers. *Human Biology*. 85: 309-328.

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DeSilva, J.M., Papakyrikos, A. 2011. A case of valgus ankle in an early Pleistocene hominin. *International Journal of Osteoarchaeology*. 21: 732-742.

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BOOK REVIEWS

DeSilva, J.M. 2022. Origin: A Genetic History of the Americas by J. Raff. *The New York Times Book Review*.

DeSilva, J.M. 2013. African Genesis: Perspectives on Hominin Evolution. *American Journal of Human Biology*. 25, 138-139.

DeSilva, J.M. 2012. Missing Links. The African and American Worlds of R.L. Garner, Primate Collector by J. Rich. *International Journal of African Historical Studies*. 45, 335-336.

DeSilva, J.M. 2009. Lucy's Legacy. The Quest for Human Origins by D. Johanson & K. Wong. *Paleoanthropology*. 2009: 176-178.

WHITEPAPERS

Halpern, M., L. Neeley, H. Berlin, S.N. Collins, **J.M. DeSilva**, A. Van Eenennaam, S. Kumar, M. Lieberman, P. Marsteller, R. Mayas, S. Pierson, C. Reid, S. Wilks Geehr. (2022) AAAS CoSTEP Biennial Horizon Report. American Association for the Advancement of Science.

INVITED BOOK BLURBS

- James T. Costa & Elizabeth E. Yale. (2026). *The Descent of Man. An Annotated Edition of Darwin's Classic Work*. Princeton University Press.
- Madelaine Böhme. (2020). *Ancient Bones. Unearthing the astonishing new story of how we became human*. Greystone Books.
- Cara Wall-Scheffler, Helen Kurki & Benjamin Auerbach. (2020). *The Evolutionary Biology of the Human Pelvis: An Integrative Approach*. Cambridge University Press.

POPULAR SCIENCE ARTICLES/OP-EDS/ BLOG CONTRIBUTIONS

2025 Fletcher Low. *Society for American Baseball Research (SABR)* Biography

2022 Walks of Life. *Scientific American*. 327, 5, 72-81 (November).

2021 Hominins on the Move. *Dartmouth Alumni Magazine*. July-August.

Celebrating a Century of Human Fossils from Africa. *The Medium*. June 17, 2021

On the Link Between Great Thinking and Obsessive Walking. *Literary Hub*. April 19, 2021

#9 most viewed article on LitHub in 2021.

A Most Interesting Problem. Ideas. Princeton University Press. January 22, 2021.

A Single Triple. *Dartmouth Alumni Magazine*. May-June, 2021.

2018 Don't brag about your large brain, President Trump. *Scientific American*. October 2, 2018.

Where do we begin? *Natural History*. 126, 10-12.

Steven Spielberg, E.T., and the Mistrust of Science. *The Medium*. March 30, 2018.

The Face of Science has Died: Remembering Stephen Hawking (1942-2018). *Los Angeles Review of Books*. March 25, 2018

2017 Column: N.H. Education Pick has Something to Learn about Science. *Valley News*. February 8, 2017.

Author of Montshire Museum of Science Evolution Statement.

2015 Why Walk on Two Legs? *Leakey Foundation* guest blog. March 6, 2015.

2007 DNA scientist's troubling words. *The Boston Globe*. Letter to the Editor.

PAPERS & POSTERS PRESENTED AT PROFESSIONAL CONFERENCES

2026

Freidl, L., Lukova, A., Randolf-Quinney, P., Churchill, S.E., **DeSilva, J.M.,** Hawks, J., Berger, L.R. Bilateral asymmetry of *H. naledi* femora from the Lesedi Chamber of the Rising Star cave, South Africa. PaleoAnthropology Society meetings (Denver).

Halsey, L., Duchaine, B., **DeSilva, J.M.**, Using cognitive neuroscience to understand the Makapansgat cobble. American Association of Biological Anthropologists (Denver)

Komza, K., Schroeder, L., **DeSilva, J.M.,** Reconstructing the patters of selection shaping *Homo* limb proportions. American Association of Biological Anthropologists (Denver)

Miller, C.K., **DeSilva, J.M.,** Cazenave, M., Chirchir, H., Hammond, A., Zipfel, B., Braga, J. New hominin postcranial material from Kromdraai, South Africa expands postcranial sample for *Paranthropus robustus*. American Association of Biological Anthropologists (Denver)

2025

Chapman, T., Walker, C., Churchill, S., Marchi, D., Vereecke, E., **DeSilva, J.M.**, Zipfel, B., Hawks, J., Van Sint Jan, S., Berger, L.R., Throckmorton, Z. Long legs and small joints: a 3D reconstruction and comparative analysis of the lower limb of *Homo naledi*. American Association of Biological Anthropologists (Baltimore).

Miller, C.K., Zimmer, V., Wiseman, A., Tommy, K., Zipfel, B., **DeSilva, J.M.** New insights into the knee of *Australopithecus africanus*. American Association of Biological Anthropologists (Baltimore).

Pietrobelli, A., Cazenave, M., Lukova, A., Caruana, M.V., **DeSilva, J.M.,** Heaton, J.L., Tsegai, Z., Pickering, T., Stratford, D., Skinner, M., Kivell, T., Distal tibial trabecular architecture of australopiths from South Africa suggests diverse locomotor repertoires. American Association of Biological Anthropologists (Baltimore)

Wiseman, A., Demuth, O.E., **DeSilva, J.M**., Chapman, T., Crompton, R., Lahr, M.M., Wanniarachchi, K., Vereecke, E. Locomotor reconstructions suggest arboreal adaptations in early hominins. ESHE 2025, Paris.

2024

Cazenave, M., Pietrobelli, A., Pina, M., Bachmann, S., Begun, D., **DeSilva, J.M**., Spassov, N., Synek, A., Twegai, Z., Böhme, M., Kivell, T. New functional evidence from the internal structure of the *Danuvius guggenmosi* lower limb. ESHE 2024, Zagreb.

Miller, C.K., Zimmer, V., **DeSilva, J.M.** Analyzing variation in early hominin knee shape using a deformation-based approach. American Association of Biological Anthropologists.

Cheney, I., **DeSilva, J.M.** Miocene apes and the obstetrical dilemma. New insights into the evolution of birth from *Rudapithecus hungaricus* and *Ardipithecus ramidus*. American Association of Biological Anthropologists, Undergraduate research symposium.

Wellons, S., Fannin, L., **DeSilva, J.M.,** Thayer, Z. Menstrual mysteries. Evolutionary trends in menstruation among primates. American Association of Biological Anthropologists, Undergraduate research symposium.

2023

Miller, C.K., **DeSilva, J.M.,** Zipfel, B., Braga, J. A new hominin patella from Kromdraai, South Africa. American Association of Biological Anthropologists.

Deane, A.S., Hurst, H., Abella, E., **DeSilva, J.M.**, McNutt, E., Rubin, S., Gustafson, E., Vincent, K., Beckett, D., Corbin, M., Musiba, C. New Pliocene cercopithecoid primates from Laetoli, Tanzania (1998-2022). American Association of Biological Anthropologists.

2022

Cofran, Z., **DeSilva, J.M.** Neandertal newborn noggins and Portmann's secondary altriciality. American Association of Biological Anthropologists (virtual presentation).

DeSilva, J.M., Miller, C. Sociality in a vulnerable primate: broken bones, birth and bipedalism. American Association of Biological Anthropologists (virtual presentation).

Tsegai, Z.J., Gardner, P., Chamberlain, B., **DeSilva, J.M.**, Zipfel, B., Kivell, T., Skinner, M. Locomotor variability in Sterkfontein Member 4: Analysis of the external shape and internal bone structure of the StW 562 and StW 595 first metatarsals. American Association of Biological Anthropologists.

2021

Miller, C., Heard-Booth, A., **DeSilva, J.M.** The relationship between metatarsal torsion and arch height in humans. American Association of Physical Anthropologists (virtual presentation).

2020

Rosen, K., **DeSilva, J.M.,** The frequency of bipedalism in captive apes and cercopithecoid monkeys. Conference of the Northeastern Evolutionary Primatologists. (Virtual, November).

DeSilva, J.M., Miller, C., Deane, A.S., Fabian, K., Fannin, L., Gurtu, J., Gustafson, E., Hatala, K.G., Hill, A.C., Kallindo, S., Maley, B., McNutt, E.J., Prabhat, A., Rubin, S., Thornburg, R., Musiba, C. Rediscovery of original site A bipedal footprints at Laetoli, Tanzania. American Association of Physical Anthropologists (meeting cancelled).

2019

Zipfel, B., McNutt, E., **DeSilva, J.M.** Human evolution and its podiatric implications. Presented at the Podiatric Association Congress, Capetown, South Africa.

Prabhat, A.M., Miller, C., **DeSilva, J.M.** Joint proportions in early hominins. Presented at the meeting of the American Association of Physical Anthropologists. Cleveland, OH.

Chapman, T.J., Throckmorton, Z., Churchill, S.E., Congdon, K.A., Marchi, D., Zipfel, B., Walker, C., Hawks, J., Van Sint Jan, S., Sholukha, V., Semal, P., Berger, L.R., **DeSilva, J.M.** The gait of *Homo naledi*. Presented at the European Society for the study of Human Evolution, Liège, Belgium.

Harcourt-Smith, W.E.H., Webb, N., Swanson, Z., Pontzer, H., **DeSilva, J.M.** Predicting ankle mechanics in the fossil hominin record using FEA modeling. Presented at the European Society for the study of Human Evolution, Liège, Belgium.

2018

McNutt, E., Kilham, B., Casana, J., Hatala, K., Hill, A.C., Johnson, C., Kilham, P., Reader, J., Thompson, N., **DeSilva, J.M.** Reassessing the Ursid hypothesis for the Laetoli "A" bipedal trackway. Presented at the meeting of the PaleoAnthropology Society. Austin, TX.

DeSilva, J.M., McNutt, E., Zipfel, B., Kimbel, W. Associated *Australopithecus afarensis* second and third metatarsals (A.L. 333-133) from Hadar, Ethiopia. Presented at the meeting of the American Association of Physical Anthropologists. Austin, TX.

Friedl, L., Claxton, A.G., Walker, C.S., Churchill, S.E., Holliday, T.W., Hawks, J., Berger, L.R., **DeSilva, J.M.,** Marchi, D. Femoral neck and shaft structure in *Homo naledi*. Presented at the meeting of the American Association of Physical Anthropologists. Austin, TX.

McNutt, E., **DeSilva, J.M.** Geometric morphometric analysis of the hominin calcaneus. Presented at the meeting of the American Association of Physical Anthropologists. Austin, TX.

2017

Throckmorton, Z., Zipfel, B., Randolph-Quinney, P., Odes, E., Congdon, K., **DeSilva, J.M.,** Harcourt-Smith, W.E.H., Berger, L. *Homo naledi*'s pedal pathologies. Presented at the meeting of the American Association of Physical Anthropologists. New Orleans.

Swanson, Z., Webb, N.M., Pontzer, H., **DeSilva, J.M.**, Harcourt-Smith, W.E.H. Finite element modeling of talar loading in modern humans with applications to the hominin fossil. Presented at the meeting of the American Association of Physical Anthropologists. New Orleans.

2016

DeSilva, J.M., Zipfel, B. The foot of the last common ancestor of humans and chimpanzees. Presented at the meeting of the American Association of Physical Anthropologists. Atlanta.

Marchi, D., Walker, C.S., Wei, P., Holliday, T.W., Churchill, S.E., Berger, L.R., **DeSilva, J.M.** Thigh and leg remains of *Homo naledi*. Presented at the meeting of the American Association of Physical Anthropologists. Atlanta.

McNutt, E.J., **DeSilva, J.M.** The relationship between superior calcaneal facet area and Achilles tendon length in primates. Presented at the meeting of the American Association of Physical Anthropologists. Atlanta.

Swanson, Z.S., **DeSilva, J.M.**, Boyle, E.K., Joseph, K.M., McNutt, E.J. Variation in lateral plantar process position and functional implications in living humans. Presented at the meeting of the American Association of Physical Anthropologists. Atlanta.

Throckmorton, Z., Harcourt-Smith, W.E.H., Congdon, K., Zipfel, B., **DeSilva, J.M.,** Van Sickle, C., Williams, S., Meyer, M., Prang, T.C., Walker, C.S., Marchi, D., Garcia-Martinez, D., Churchill, S.E., Hawks, J., Berger, L.R. *Homo naledi* strides again: preliminary reconstructions of an extinct hominin's gait. Presented at the meeting of the American Association of Physical Anthropologists. Atlanta.

Walker, C.S., **DeSilva, J.M.,** Holliday, T.W., Marchi, D., Garvin, H.M., Cofran, Z., Hawks, J., Berger, L.R., Churchill, S.E. Relative length of the immature *Homo naledi* tibia U.W. 101-1070: evidence for elongation of the leg. Presented at the meeting of the American Association of Physical Anthropologists. Atlanta.

De Ruiter, D.J., Berger, L.R., Hawks, J., Churchill, S.E., Schmid, P., Delezene, L.K., Kivell, T.L., Garvin. H.M., Williams, S.A., **DeSilva, J.M.**, Skinner, M., Musiba, C.M., Cameron, N., Holliday, T.W., Harcourt-Smith, W., Ackermann, R.R., Bastir, M., Bogin, B., Bolter, D., Brophy, J.K., Cofran, Z.D., Congdon, K.A., Deana, A.S., Dembo, D., Drapeau, M., Elliot, M.C., Feuerriegel, E.M., Garcia-Martinez, D., Green, D.J., Gurtov, A., Irish, J.D., Kruger, A., Laird, M.F., Marchi, D., Meyer, M.R., Nalla, S., Negash, E.W., Orr, C.M., Radovic, D., Schroeder, L., Scott, J.E., Throckmorton, Z., Tocheri, M., VanSickle, C., Walker, C.S., Wei, P., Zipfel, B. *Homo naledi*: a new species of hominin from the Dinaledi Chamber, South Africa. Presented at the meeting of the Paleoanthropology Society. Atlanta.

2015

DeSilva, J.M. The evolutionary history of the human hip joint. Presented in the *Hip Evo Devo: Adaptation of the hip in phylogeny and ontogeny* (Organizer: S. Shefelbine) workshop at the annual meeting of the Orthopaedic Research Society, Las Vegas.

Boyle, E., Zipfel, B., **DeSilva, J.M.** Variation in lateral plantar process morphology and implications for bipedalism in *Australopithecus*. Presented at the meeting of the American Association of Physical Anthropologists. St. Louis.

DeSilva, J.M. Brains, birth, bipedalism and the mosaic evolution of the helpless human infant. Presented at the meeting of the American Association of Physical Anthropologists. St. Louis.

Sylvester, A., **DeSilva, J.M.,** Churchill, S.E., Berger, L.R. Three dimensional shape analysis of the distal femur of *Australopithecus sediba*. Presented at the meeting of the American Association of Physical Anthropologists. St. Louis.

2014

DeSilva, J.M., Bonne-Annee, R., Gill, C., Swanson, Z., Gill, S. 2014. Reconstructing foot function in early hominins using modern human models. From the Ground Up: Integrative Research in Primate Locomotion. *American Journal of Physical Anthropology*. Supplement S58: 104.

Harcourt-Smith, W., Thomas, O., **DeSilva, J.M.,** Frost, S., Patel, B., Orr, C. 2014. The Kromdraai "hominin" cuboid KB 3133. A new assignation based on comparative anatomical techniques and 3D geometric morphometrics. *American Journal of Physical Anthropology*. Supplement S58: 136.

2013

Gill, S., **DeSilva, J.M.**, Kelty-Stephen, D., Keimig, S. 2013. The medial longitudinal arch as an adaptation to increase step length in children. Presented at the International Society for Developmental Psychobiology annual meeting.

Patel, B., **DeSilva, J.M.**, Steininger, C. 2013. New cercopithecoid primate postcranial fossils from Cooper's D, South Africa. Presented at the Society for Vertebrate Paleontologists.

Cofran, Z., **DeSilva, J.M.** 2013. Early postnatal brain growth in *Homo erectus*: Incorporating uncertainties. *American Journal of Physical Anthropology*. Supplement S56: 99.

Kuo, S., Devlin, M.J., **DeSilva, J.M.** 2013. The effect of the Achilles tendon on trabecular structure in the primate calcaneus. *American Journal of Physical Anthropology*. Supplement S56: 174.

Romano, J., Claxton, A., **DeSilva, J.M.** 2013. A reconstruction of the Sts 65 *Australopithecus africanus* pelvis with implications for birth in early hominins. *American Journal of Physical Anthropology*. Supplement S56: 235.

DeSilva, J.M. 2013. Starting off on the wrong foot. How our ape ancestry predisposes us to foot and ankle maladies. Presented at the American Association for the Advancement of Science (AAAS).

2012

DeSilva, J.M., Zipfel, B., Kidd, R., Carlson, K., Churchill, S., Berger, L. 2012. The primitive aspects of the foot and ankle of *Australopithecus sediba*. *American Journal of Physical Anthropology*. Supplement S54: 129.

O'Connell, C., **DeSilva, J.M.** 2012. Mojokerto revisited: Assessing brain growth patterns in *Homo erectus*. *American Journal of Physical Anthropology*. Supplement S54: 226.

Agoada, D., **DeSilva, J.M.** 2012. The application of the geometric mean in forensic analysis as demonstrated using the talus and calcaneus. *American Journal of Physical Anthropology*. Supplement S54: 80.

O'Connell, C., **DeSilva, J.M.** 2012. Mojokerto revisited: Assessing brain growth patterns in *Homo erectus*. Presented at the Sigma Xi conference.

2011

DeSilva, J.M. 2011. Starting off on the wrong foot. How our ape ancestry predisposes us to foot and ankle maladies. Presented at the American Anthropology Association meeting.

Berger, L., Carlson K., Churchill S., de Klerk B., de Ruiter D., **DeSilva J.**, Gurche J., Holliday T., Kibii J., Kidd R., Kivell T., Schmid P., Zipfel B. 2011. New remains of *Australopithecus sediba* from the Malapa site, South Africa. *American Journal of Physical Anthropology*. Supplement S52: 88.

Throckmorton, Z., **DeSilva, J.M.** 2011. A new bent on hominin ankle evolution. *American Journal of Physical Anthropology*. Supplement S52: 294.

2010

DeSilva, J.M., Papakyrikos, A. 2010. A case of valgus ankle in an early Pleistocene hominin. *American Journal of Physical Anthropology*. Supplement S50: 93-94.

Fajardo, R., **DeSilva, J.M.**, MacLatchy. L. 2010. Does the amount of bone dictate the trabecular bone structure in strepsirhine lumbar vertebrae? *American Journal of Physical Anthropology*. Supplement S50: 102.

2009

DeSilva, J.M., Tocheri, M., Zipfel, B., van Arsdale, A. 2009. Is the OH 8 hominin a sub-adult? Implications for the holotype of *Homo habilis*. *Journal of Vertebrate Paleontology*. 29: 87A.

MacLatchy, L., **DeSilva, J.M.** 2009. The postcranial anatomy of *Proconsul major*. *Journal of Vertebrate Paleontology*. 29: 139A.

DeSilva, J.M. 2009. Why we sprain our ankles. *American Journal of Physical Anthropology*. Supplement 48: 118.

Zipfel, B., **DeSilva, J.M.**, Kidd, R.S.. 2008. Evolution of the lateral column of the hominin foot: evidence from the StW 114/115 fifth metatarsal. Presented at the Paleoanthropology Society of South Africa Meetings, Matjiesfontein, South Africa.

2008

DeSilva, J.M. 2008. Ankle morphology in the earliest hominins. Romer Prize Candidate. *Journal of Vertebrate Paleontology*. 28:

DeSilva, J.M., MacLatchy, L. 2008. Revisiting the midtarsal break. *American Journal of Physical Anthropology*. Supplement 46: 89.

2007

Caspari, R., Meganck, J., **DeSilva, J.M.**, Radovcic, J., Goldstein, S.A. 2007. Assessing adult age at death in Neandertal dental remains: Preliminary applications of a new approach using three dimensional micro computed tomography. *PaleoAnthropology*. 2007: A6.

DeSilva, J.M. 2007. Foot dorsiflexion and vertical climbing in wild chimpanzees. *American Journal of Physical Anthropology*. Supplement 44: 97.

Pobiner, B., **DeSilva, J.M.**, Sanders, W., Mitani, J. 2007. Taphonomic analysis of skeletal remains from chimpanzee hunts at Ngogo, Kibale National Park, Uganda. *American Journal of Physical Anthropology*. Supplement 44: 190.

2006

DeSilva, J.M., Strassmann, B. 2006. Relationship between neonatal brain and body mass and menstrual bleeding in primates. *American Journal of Physical Anthropology*. Supplement 42: 83.

2005

Wood, A., **DeSilva, J.M.**, Eiting, T., Rountrey, A., Whitlock, J., Zelditch, M. 2005. Multivariate tests of evolutionary mode in *Ectocion* teeth. *Journal of Vertebrate Paleontology*. 25: 132A.

Fajardo, R., **DeSilva, J.M.**, MacLatchy, L., Bouxsein, M. 2005. Relationships between body weight and vertebral bone architecture in primates that exhibit a 48-fold range in body weight. *Bone*. Supplement 36: S380.

DeSilva, J.M., MacLatchy, L., Bouxsein, M., Fajardo, R. 2005. Vertebral body bone mineral density decreases as a function of body weight in strepsirhine primates. *American Journal of Physical Anthropology*. Supplement 40: 94.

DeSilva, J.M., Shoreman, E., MacLatchy, L. 2005. A fossil hominoid proximal femur from Kikorongo crater, Southwestern Uganda. *PaleoAnthropology*. 2005: A24.

2004

DeSilva, J.M., Shoreman, E., MacLatchy, L. 2004. A fossil *Pan* proximal femur from the ?Plio-Pleistocene of Southwestern Uganda. *Journal of Vertebrate Paleontology*. 24: 52A.

Quibria, N., Fajardo, R., **DeSilva, J.M.**, Alexander, J.M. 2004. Transgenic expression of constitutively active mutant estrogen receptor-alpha (CAMERA) in osteoblasts leads to increased trabecular bone mass. *Journal of Bone and Mineral Research*. 19: S74.

DeSilva, J.M., Shoreman, E. 2004. A hominoid proximal femur from the ?Plio-Pleistocene of southwestern Uganda. New England Biological Anthropology Symposium.

GUEST EDITOR

Australopithecus sediba special issue—PaleoAnthropology. 2018.

Special issues of the pelvis—Anatomical Record. April & May, 2017

CONTRIBUTIONS TO EDITED VOLUMES AND TEXTBOOKS

Updated Powerpoint Lecture Presentations for Instructors for Larsen *Essentials of Physical Anthropology,* 3rd ed. 2015.

Updated Powerpoint Lecture Presentations for Instructors for Boyd & Silk *How Humans Evolved*, 7th ed. 2014

Created Powerpoint Lecture Presentations for Instructors for Larsen *Our Origins*, 3rd ed. 2013.

Created Lecture Presentations for Instructors and wrote script in field notes for Larsen *Essentials of Physical Anthropology*, 2nd ed. 2012.

Created Lecture Presentations for Instructors for Boyd & Silk *How Humans Evolved*, 6th ed. 2011.

Contributing editor for *Blackwell's Encyclopedia of Human Evolution*, Primary Editor: Bernard Wood.

MEMBERSHIP AND SERVICE IN PROFESSIONAL SOCIETIES

American Association of Biological Anthropologists. 2004-present
*Judge for student presentations/poster prizes at meetings. 2018-2019
*Judge for W. Montague Cobb Professional Development Grants. 2019-2022
*Member of AABA publications committee.
American Association for the Advancement of Science. 2017-present
Center for Academic Research and Training in Anthropogeny (CARTA). 2011-present
Paleoanthropology Society. 2005-present. Intermittent.
Society of Vertebrate Paleontologists. 2004-present. Intermittent.

PEER REVIEW

Book proposal reviews for Princeton University Press, Oxford University Press, MIT Press
Textbooks: Reviewer for *How Humans Evolved*, 5th ed. Boyd & Silk. & *Biological Anthropology*, 6th ed. Park.
Chapter in Building Babies. 2013. Clancy, K., Hinde, K., Rutherford, J. (Eds.) Springer
Wenner-Gren Foundation reviewer of proposals (2017-2018)
Ad hoc review for National Science Foundation, Leakey Foundation, and The Royal Society, London
Reviewed submitted journal articles at the following publications:
American Journal of Human Biology, *American Journal of Physical Anthropology*, *Anatomical Record*, *Anatomy Research International*, *Biological Journal of the Linnean Society, Brain & Cognition, Clinical Anatomy*, *Comptes Rendus Palevol*, *Current Anthropology*, *Current Biology*, *Evolutionary Anthropology*, *Evolution, Medicine, and Public Health*, *International Journal of Osteoarchaeology*, *Journal of Comparative Human Biology*, *Journal of Human Evolution*, *Journal of Anatomy*, *Journal of the American Podiatric Medical Association*, *Nature, Nature Communications*, *Nature Education*, *Nature Scientific Reports*, *Oxford University Press, PLoS One*, *Proceedings of the National Academy of Sciences, Proceedings of the Royal Society B*, *Quaternary International, Quaternary Science Reviews, Science*, *Science Advances, Seminars in Cell and Developmental Biology, South African Journal of Science.*

FELLOWSHIPS, GRANTS, AND AWARDS

2025 Named Fellow of the American Association for the Advancement of Science (AAAS).

2024 Professor John Rassias Faculty Award from Dartmouth Alumni Council's Committee on Lifelong Learning, Dartmouth College

National Geographic (NGS-105328R-24) "Hominin Recovery, Documentation and Conservation of Animal Trackways at Laetoli, Tanzania." P.I. Charles Musiba. **$70,000**.

2022 Jack E. Thomas 1974 Family Fellowship Award, Dartmouth College

John M. Manley Huntington Award for Newly Promoted Faculty, Dartmouth College.

National Science Foundation DDRIG (Co-PI Catherine Miller): "Doctoral Dissertation Research: The Evolutionary History of the Hominoid and Hominin Knee." **$23,162**

2019 DCAL experiential learning initiative mini-grant awarded for an Anthropology department teaching retreat. **$4,680**

2018 Fannie and Alan Leslie Dartmouth Conference Fund. Award to host *Human Evolution 150 Years After Darwin* in 2021. **$47,260**

Rockefeller Center Classroom Enhancement Grant, Dartmouth College. Awarded to bring Dr. Carol Ward to my Anth 41 class. **$500**

2017 National Science Foundation DDRIG (Co-PI Ellie McNutt): "Doctoral Dissertation Research: Plantigrady in the Primate Foot." **$21,705**

Rockefeller Center Classroom Enhancement Grant, Dartmouth College. Awarded to bring Drs. Yohannes Haile-Selassie and Denise Su to my Anth 41 class. **$500**

2016 DCAL Experiential Learning Initiative Grant. "Anthropology 70. Experiencing Human Origins and Evolution." **$40,000**

2015 DCAL Experiential Learning Initiative Pilot Project. "ANTH 6: Introduction to biological anthropology." **$7,650**

2013 Boston University Grants for Undergraduate Teaching and Scholarship Program (GUTS). "3D printer for the biological anthropology laboratory." **$1,299**

The Leakey Foundation. "The midtarsal break and locomotor diversity in early hominins." **$17,000**

2012 Winner of the Boston University Templeton Prize for Excellence in Student Advising.

2011 Corporate sponsorship from Clarks shoe company (Newton, MA) to collect plantar pressure data on children at the Boston Museum of Science. **$15,000**

The Leakey Foundation. "Multidisciplinary laboratory research on the DIK-1-1 (Selam) skeleton at the National Museum of Ethiopia, Addis Ababa." P.I. Zeresenay Alemseged. Covered travel and living expenses for workshop in Addis Ababa.

2008 National Science Foundation Dissertation Improvement Grant. "Functional Morphology of the Talocrural Joint in Hominoids and Hominins- a Study of the Internal Structure of the Talus." **$4,113**.

The Leakey Foundation. "Functional Morphology of the Talocrural Joint in Hominoids and Hominins." June 2007-May 2008. **$13,500**.

2003-2006 International Institute Individual Fellowship. University of Michigan. Summer 2006. **$2,000**.
Helen McKaig Spuhler Fellowship. University of Michigan. March 2006. **$2,000**.
Rackham Graduate Student Research Grant. University of Michigan. February 2006. **$1,500.**
Travel grants from Rackham School of Graduate Studies. October 2004-January 2006. **$1,200**
Outstanding Graduate Student Instructor Award. University of Michigan. 2005.
National Science Foundation Graduate Fellow. 2005-2008.
Presidential Fellowship. Boston University. 2003-2004.

INVITED TALKS AT ACADEMIC/PROFESSIONAL INSTITUTIONS

2024

Old footprints, new questions. Invited lecture given at the University of Pennsylvania Department of Anthropology (October)

First Steps: How Upright Walking Made Us Human. Virtual talk delivered to Fitchburg State University Food for Thought program (October)

First Steps: How Upright Walking Made Us Human. Virtual talk delivered to Boston University Anthropology Graduate Students (September)

Old footprints, new questions. Invited lecture given at the Max Planck Institute for Evolutionary Anthropology. Leipzig, Germany (June)

The (ancient) apes and us: a view from the fossils. Invited lecture at Stanford University as part of conference: The Apes & Us: A Century of Representations of Our Closest Relatives (February)

2023

Old footprints, new questions. Invited lecture given at the University of Tennessee (October)

First Steps: How Upright Walking Made Us Human. Virtual talk delivered to the University of Cambridge Archaeology Field Club (March)

Organized **Darwin and Human Evolution** and gave introductory addresses for a two-day symposium reflecting on the 150 years since Darwin published *Descent of Man*. Dartmouth College (February).

Darwin and the Human Fossil Record. Virtual talk delivered at the *Darwin and Human Evolution* symposium. Dartmouth College (February).

2022

***Homo naledi* and the Chamber of Secrets.** Plenary talk delivered to the Annual Meeting of the American Society for Mass Spectrometry in Minneapolis, MN (June).

First Steps: How Upright Walking Made Us Human. Virtual talk through the Binghamton University Evolutionary Studies (EVOS) Seminar Series (February).

2021

All walks of life. Bipedal diversity in *Australopithecus*. Virtual talk presented as part of Matariki lecture series *Is human evolution more complicated than we thought?* (March).

Darwin and the Origins of Upright Walking. Webinar presented with Yohannes Haile-Selassie to the donors and trustees of the Leakey Foundation. (February).

2019

First Steps. The evolution of the human foot. Talk presented at the University of Tübingen, Germany (November).

***Homo naledi* and the Chamber of Secrets.** Plenary talk presented at the 50th anniversary of the anthropology department at the University of Massachusetts, Amherst (October).

First Steps. How upright walking made us human. Talk presented to the Smithsonian Institution Human Origins Program, National Museum of Natural History, Washington D.C. (April).

Monkeys, apes, and bears, oh my! Using animal models to understand the evolution of upright walking. Talk presented to Northern Mountain Branch of the American Association of Laboratory Animal Science (AALAS). Dartmouth Hitchcock. (April)

***Homo naledi* and the Chamber of Secrets.** Talk presented to joint meeting of the New Hampshire and Vermont Archaeological Societies, Dartmouth College. (March)

Lucy. Extinct cousin or grandmother of us all? Talk presented to Pontzer Lab at Duke University, Durham, NC. (March)

***Australopithecus sediba*: new insights from old bones.** Talk presented at Seattle Pacific University, Seattle, WA. (February)

First Steps. What the Dikika foot tells us about locomotion in *Australopithecus*. Talk presented to the Natural History Museum, London. (February).

2018

On being human: mythic and scientific perspectives. Dialogue with T. Husain, D. Grinspoon, and M. Gleiser. Institute for Cross-Disciplinary Engagement (ICE) at Dartmouth. (November).

The evolution of the human foot. Presidential Guest Speaker at the Annual Meeting of the American Orthopaedic Foot & Ankle Society (AOFAS). Boston, MA. (July).

2017

The complex evolutionary history of bipedalism: What new fossils from South Africa are revealing. Talk presented at Saint Michael's College. Burlington, VT. (March)

All walks of life: Bipedal diversity in early human ancestors. Topical lecture presented at the meeting of the American Association for the Advancement of Science (AAAS), Boston. (February)

Meet *Homo naledi*, a new human ancestor. O.C. Marsh Fellows Lecture at Yale University. (February).

Underground astronauts and the search for fossils of human ancestors in South Africa. Talk presented at Pathology grand rounds at Dartmouth Hitchcock Medical Center. (January).

2016

The evolution of the human foot: what the fossils tell us. Talk presented at grand rounds at Dartmouth Hitchcock Medical Center. (April).

The gait of *Australopithecus sediba*. Talk presented to the Evolutionary Studies Institute, University of the Witwatersrand, Johannesburg, South Africa (March).

The complex evolutionary history of bipedalism: What new fossils from South Africa are revealing. Talk presented to the Anthropology Department, University of Michigan (February).

***Light will be thrown*: What new fossils from South Africa are revealing about human evolution**. Talk presented to the University of Delaware campus in celebration of Darwin Day (February).

2015

Making great strides: the leg and foot of *Homo naledi*. Talk presented to NYCEP. NY, NY. (December)

Digging deeper into the anatomy of *Homo naledi*. Talk presented to the Anthropology Department, Dartmouth College (December).

Why walk on two legs? The pros and cons of bipedalism. Talk presented at the American Museum of Natural History (April)

The complex evolutionary history of bipedalism. What new fossils from South Africa are revealing. Talk presented to the Anthropology Department, Rutgers University. (February)

The complex evolutionary history of bipedalism. What new fossils from South Africa are revealing. Talk presented to the Anthropology Department, Johns Hopkins University. (March)

Underground astronauts and the search for fossils of human ancestors in South Africa. Talk presented to the African Studies Center, Boston University (March)

2014

The complex evolutionary history of bipedalism. What new fossils from South Africa are revealing. Talk presented to the Anthropology Department, Dartmouth College. (October)

Unintelligent design and the scars of human evolution. European Molecular Biology Laboratory (EMBL) Forum seminar on Science and Society. Heidelberg, Germany. (May)

Surprising new fossils from South Africa and the mosaic nature of human evolution. Talk presented to the Anatomy and Neurobiology Department at the Boston University Medical School. (March)

Human evolution: New surprises from South Africa. The Keville-DePalma Founders keynote lecture presented at 35th annual Salem State University Darwin Festival. (February)

2013

Locomotor adaptations of early *Australopithecus*. Invited talk for the public symposium *On the Trail of Lucy: A Collaborative Exploration of* Australopithecus. Cleveland Museum of Natural History. (October)

The evolution of a scientist. Presented to Boston University Undergraduate Research Opportunity Program (UROP) participants. (June)

Walk like a *sediba*: Locomotor variation in the australopiths. Talk presented at the *Function and Evolution of the Human Foot* workshop organized by the Center for the Advanced Study of Hominid Paleobiology (CASHP) at The George Washington University. (April)

Human Evolution: A 2-million-year-old surprise from South Africa. Talk presented at Mercyhurst College (March)

2012

***Australopithecus sediba*: A 2-million-year-old surprise from South Africa**. Talk presented to the Anthropology Department, Boston University (November)

The surprising foot and ankle of *Australopithecus sediba*. Talk presented to Anthropology Department at Dartmouth University. (May)

The surprising foot and ankle of *Australopithecus sediba*. Talk presented to Anthropology Department at Yale University. (February)

The surprising foot and ankle of *Australopithecus sediba*. Talk presented to Anthropology Department at the University at Albany- SUNY. (January)

2011

Foot and ankle diversity in *Australopithecus*. CARTA Symposium "The Upright Ape: Bipedalism and Human Origins." La Jolla, California (December)

The surprising foot of *Australopithecus sediba*. Talk presented to Anthropology Department at Penn State University (November)

Recently discovered foot fossils from South Africa and the evolution of upright walking. Talk presented to Sargent College, Boston University (September)

***Australopithecus*: A new look at an old ancestor.** Talk presented at Stonehill College. (March)

***Australopithecus* babies and the origins of human alloparenting.** Talk presented for the interdisciplinary seminar series on the evolution and development of human behavior at Harvard University. (March)

Human Evolution 140 Years After "The Descent of Man". Talk presented at 32nd annual Salem State University Darwin Festival. (February)

2010
Grounded: How anatomical and behavioral changes forced our ancestors out of the trees. Tufts University Department of Biomedical Engineering.

2009
Ankles, arches, australopiths, and arboreality. Talk presented at Harvard University Human Evolutionary Biology Department.

***Ardipithecus*. Human Evolution Takes a Step Back**. Talk presented at Wellesley College Anthropology Department.

Ankles, arches, australopiths, and arboreality. Talk presented at Biology Department, Holy Cross College.

2008
Brain size at birth throughout human evolution: a method for estimating neonatal brain size in hominins. Talk presented at the Anthropology Institute and Museum, University of Zürich-Irchel, Switzerland.

PANEL DISCUSSANT

2016. American Association of Physical Anthropologist luncheon "How to be a good ally", sponsored by AAPA Women's Mentoring Network.

2014. American Association of Physical Anthropologist session on the Obstetric Dilemma (with K. Rosenberg). April, 2014.

2013. December. Moderator for 8th Boston University "Dialogues in Biological Anthropology", a discussion of *Ardipithecus* with B. Kimbel, B. Jungers, and M. Cartmill.

April. Panel discussant for 7th Boston University "Dialogues in Biological Anthropology", a discussion on the origins of fire with J. Shea, F. Berna, and M. Cartmill.

February. Participant for 6th Boston University "Dialogues in Biological Anthropology", a discussion on Unintelligent Design with R. Caspari, K. Rosenberg, B. Latimer, A. Mann, M. Wolpoff, and M. Cartmill.

2012. April. Moderator for 5th Boston University "Dialogues in Biological Anthropology", a

discussion on human sexual dimorphism with J. M. Plavcan, P. Reno, C. Knott, and M. Cartmill.

2011. October. Participant in 4th Boston University "Dialogues in Biological Anthropology", a discussion on the evolution of the human pelvis with S. Churchill, K. Rosenberg, C. Knott, and M. Cartmill.

April. Moderator for 3rd Boston University "Dialogues in Biological Anthropology", a discussion on the origins of genus *Homo* with L. Berger, A. van Arsdale, and M. Cartmill.

2010. April. Moderator for 1st Boston University "Dialogues in Biological Anthropology", a discussion on the "hobbit" *Homo floresiensis* with Robert Martin, Fred Smith, and Matt Cartmill.

2009. February. "Climate Change and Human Evolution" given as panel discussant at Worcester State College for National Teach-In on Global Warming Solutions.

2003. November. Panel discussant in session "Evolution and Public Perception" at American Science and Technology Center (ASTC) conference.

INVITATIONS TO ACADEMIC WORKSHOPS/REVIEW COMMITTEES

2026

Member of External Review Committee for Yale University Department of Anthropology (February)

2025

Invitee to University of Chicago Department of History to review Professor Emily Kern's Princeton University Press manuscript: Cradle of Humanity: Science and the Making of African Origins.

2017

Invitee to the African Rift Valley Research Consortium (ARVRC) workshop. Arizona State University, Tempe, AZ. April 4-5 and October 6 & 7.

2016

Invitee to the African Rift Valley Research Consortium (ARVRC) workshop. New York University, New York, NY. October 7-8

2015

Invitee to the African Rift Valley Research Consortium (ARVRC) workshop. Cleveland Museum of Natural History, Cleveland, OH. September 24-27

2014

Invitee to Rising Star Workshop. April 29-May 6, 2014. Johannesburg, South Africa

Invitee to the School for Advanced Research (SAR) in Santa Fe, New Mexico for *Costly and Cute: How Helpless Newborns Made Us Human* workshop. May 11-15.

Invitee to California Academy of Sciences, San Francisco, CA for second *Selam Workshop*, a scientific meeting designed to discuss progress and ways forward in describing the skeleton of a juvenile *Australopithecus*. May 26-28.

2013
Invitee to scientific workshop *The Paleobiology, Taxonomy, and Paleoecology of Early Australopithecus: A Collaborativn Approach to Synthesizing the Evidence* hosted by the Cleveland Museum of Natural History (September)

Invitee to two day scientific workshop *Function and Evolution of the Human Foot* organized by the Center for the Advanced Study of Hominid Paleobiology (CASHP) at The George Washington University. (April).

2011
Invitee to CARTA Symposium *The Upright Ape: Bipedalism and Human Origins*, La Jolla, California (December)

Invitee to scientific workshop on *Selam*- a juvenile skeleton of *Australopithecus afarensis*. Addis Ababa, Ethiopia. (October)

DIVERSITY AND INCLUSIVITY IN ACADEMIA

2018. **Responsible Stewardship of Academic Environments.** Organized and participated in two-day workshop at Dartmouth College designed to help create safe and inclusive field and laboratory environments. Led by Dr. Robin Nelson (Santa Clara University) and Dr. Katie Hinde (Arizona State University).

FIELD & MUSEUM EXPERIENCE

2026. **South Africa.** Studied hominin foot fossils from Malapa, Kromdraai, and the 105 site.
2025. **Kromdraai, South Africa.** Excavated Early Pleistocene cave locality. September. PIs: Bernhard Zipfel & José Braga. Studied hominin fossils from Kromdraai, Malapa, Gladysvale, and 105 at ESI.
2024. **Vindija & Krapina, Croatia.** Site visits to Neanderthal localities. September.
Schöningen, Germany. Site visit to Middle Pleistocene Neanderthal locality. June.
Le Rozel, France. Site visit to Late Pleistocene Neanderthal footprint site. June.
Atapuerca, Spain. Site visit to Pleistocene hominin site. June.
2023. **Kromdraai, South Africa**. Excavated Early Pleistocene cave locality. April. PIs: Bernhard Zipfel & José Braga.
Cambridge, UK. Studied West Tofts handaxe at the Museum of Archaeology and Anthropology.
Leiden, Netherlands. Studied *Homo erectus* fossil and cultural material at the Naturalis Biodiversity Center.
2022. **Kromdraai, South Africa**. Excavated Early Pleistocene cave locality. May. PIs: Bernhard Zipfel & José Braga. Studied postcranial fossils from Kromdraai and 105 at ESI Wits.
Laetoli, Tanzania. Mapped Pliocene footprints and fossil localities. June. PI: Charles Musiba.
Lapa da Picareiro, Portugal. Site visit to Middle and Upper Paleolithic cave.
Tübingen, Germany. Studied Miocene ape fossils from *Danuvius* at University of Tübingen, Germany. Excavated fossils at **Hammerschmiede** locality, Bavaria, Germany.
2021. **Mt. Holly, Vermont**. Worked with team utilizing GPR to survey for mammoth remains first discovered in 1848.
2019. **Tübingen, Germany**. Studied Miocene ape fossils from *Danuvius* at University of Tübingen, Germany.
Paris, France. Studied *Orrorin tugenensis* casts at M. Pickford and B. Senut's lab at the Museum of Natural History
Laetoli, Tanzania. Excavated hominin fossil footprints and surveyed for Pliocene fossils. June. P.I. Charles Musiba.
Raleigh, NC. Studied crocodilian *Carnufex carolinensis* (Carolina butcher) fossils at the North Carolina Museum of Natural Sciences.
2018. **New York.** Studied Pleistocene Sthenurine (kangaroo) fossils from Australia.

2017. **Ethiopia & Kenya.** Studied hominin material from hominin (Hadar, Aramis, Burtele, Omo, Koobi Fora) and hominoid (Songhor, Rusinga) fossil localities at the National Museums of Ethiopia (Addis Ababa) and Kenya (Nairobi). March.

2016. **South Africa.** Studied hominin material from Rising Star, Malapa, Sterkfontein, Swartkrans, Kromdraai Caves at Evolutionary Studies Institute, University of the Witwatersrand, Johannesburg and Ditsong Museum, Pretoria, South Africa. Visited Rising Star and Malapa caves. March.

2014. **South Africa.** Studied hominin material from Rising Star and Malapa Caves at Institute for Human Evolution, University of the Witwatersrand, Johannesburg. Visited Rising Star and Malapa caves. Both January and May.

2012. **South Africa.** Studied *Australopithecus sediba* lower limb fossils at Institute for Human Evolution, University of the Witwatersrand, Johannesburg.
South Africa. Studied *Australopithecus* foot bones from Sterkfontein at Department of Anatomy, University of the Witwatersrand, Johannesburg.
South Africa. Studied *Australopithecus* lower limb and pelvic material at Ditsong Museum, Pretoria.
Chicago. Studied pelvis and foot bones of Magdalenian Girl from Le Cap Blanc, France at Chicago Field Museum.

2011. **Ethiopia.** Studied *Australopithecus afarensis* fossils from Dikika and Hadar at the National Museum in Addis Ababa.
South Africa. Studied *Australopithecus sediba* foot fossils at Institute for Human Evolution, University of Witwatersrand, Johannesburg.
South Africa. Visited Malapa Cave and Cooper's Cave.
South Africa. Studied *Australopithecus* foot bones from Sterkfontein at Department of Anatomy, University of Witwatersrand, Johannesburg.
Cleveland. Studied casts of *Ardipithecus ramidus* foot bones at Cleveland Museum of Natural History.

2010. **France**. Studied *Australopithecus* fossils being scanned at the European Synchrotron Radiation Facility (ESRF) in Grenoble, France.

2009. **Uganda**. Studied Early Miocene ape fossils at Uganda National Museum.
South Africa. Studied *Australopithecus* lower limb and pelvic bones from Sterkfontein at Department of Anatomy, University of Witwatersrand, Johannesburg.
South Africa. Studied *Australopithecus* lower limb and pelvic material at Transvaal Museum, Pretoria.
South Africa. Visited Sterkfontein and Swartkrans Cave localities.
Cambridge, MA. Studied Skhul lower limb material at the Harvard Peabody Museum.

2007. **Uganda.** Studied Early Miocene ape fossils at Uganda National Museum.
Uganda. Wild chimpanzee observations at Ngogo study site, Kibale National Park.
Kenya. Studied Early Miocene ape and Plio-Pleistocene hominin foot bones at Kenya National Museum.
Tanzania. Studied Plio-Pleistocene hominin foot and lower limb bones at Tanzania National Museum.
South Africa. Studied *Australopithecus* foot bones from Sterkfontein at Department of Anatomy, University of Witwatersrand, Johannesburg.
South Africa. Studied *Australopithecus* foot bones at Transvaal Museum, Pretoria.

2006. **Uganda.** Exploration and excavation of Pliocene and Pleistocene hominoid and hominid fossil sites in Queen Elizabeth National Park, P.I. Laura MacLatchy.
Uganda. Wild chimpanzee observations at Ngogo study site, Kibale National Park
Uganda. Exploration and excavation of Early Miocene hominoid fossil sites of Moroto and Napak, P.I. Laura MacLatchy.

2005. **Kenya.** Participant in Olorgesailie Microstratigraphy and Taphonomy Field Course. Smithsonian Institution and the Kenya National Museum.

2002. **South Dakota.** Exploration and excavation of Oligocene "Brian Maebius site". Badlands National Park. South Dakota School of Mines and Technology.

2000. **New York State.** Mastodon excavation. Hyde Park, NY. Paleontological Research Institute (Ithaca, NY) and Boston Museum of Science.

College Teaching Experience

Dartmouth College (2015-present)

Introduction to Biological Anthropology. ANTH 6
Fall 2015; 2016; Summer 2017; Spring 2019; Fall 2020 (remote teaching); Fall 2021; Fall 2022; Spring 2025.

Primate Biomechanics. ANTH 25
Winter 2016; Fall 2017

Human Evolution. ANTH 41
Winter 2016, Spring & Fall 2017; Fall 2018; Spring & Fall 2020 (remote teaching); Spring 2022. Winter 2024.

Gross Anatomy: Scars of Medical Evolution. ANTH 42
Summer 2017; Summer 2018

Darwin and Human Evolution. ANTH 50.44
Spring 2022; Winter 2023

Experiencing Human Origins and Evolution. ANTH 70
Fall 2016

The Evolution of Upright Walking: Culminating Experience in Anthropology. ANTH 76
Spring 2017; Spring 2019; Spring 2020 (remote); Winter 2021 (remote). Winter 2024.

MOOC: BipedalismX
September, 2017→ ongoing open enrollment for archived course.

South Africa Revealed. Faculty leader of Dartmouth Alumni trip to South Africa
Nov-Dec 2017; 2023

Osher Lifelong Learning Institute
Spring 2016 (co-taught **Humankind in the Making** with N. Miller, C. Ehret, L. Greenstein)
Spring 2017 (guest lecture in **African Roundtable**)
Winter 2018 (guest lecture in S. Tofel course on **Bears of New England**)
Winter 2021 (guest lecture. **Gorillas, Charles Darwin, and Human Evolution**).

Informal: Arranged student excavation of New England Mammal skeletons.
August 2016 & October 2018. Belchertown State Forest, MA.

Boston University (2004; 2009-2015)

Human Biology, Behavior & Evolution. AN 102
Summer 2004; Spring 2010-2012; Summer II 2013; Summer I 2014; Fall 2014

Origins. CC 106/111
Spring 2015.

Human Origins. AN 331
Spring 2013

The Ape Within. AN 335
Fall 2009

The Oldest Women: Lucy & Ardi. AN 338
Fall 2010-2013

Primate Biomechanics. AN 339
Spring 2011; Fall 2012; Fall 2014

The Human Skeleton. AN 550
Fall 2010

Primate Evolution and Anatomy. AN 552
Spring 2010-2011; 2013; 2015

Methods in Biological Anthropology. AN 595
Fall 2011

Special Topics in Biological Anthropology: *Australopithecus sediba*. AN 597

Fall 2013

Special Topics in Biological Anthropology: Bipedalism. AN 598

Spring 2012

Guest Lectures:

March 2011-2013. BI 224: Seminar in Behavioral Biology. "Reconstructing behavior in *Australopithecus*"

September 2012. AN 335: The Ape Within. "Miocene Apes"

Harvard University (2011-2013)

Guest Lectures:

2011-2013. Human Evolutionary Biology 1377- Birth. "*Australopithecus* infants and the evolution of shared parental care." February 2013 & September 2011.

Worcester State College (2008-2009)

Organismal Biology. BI 140

Fall 2008

Human Anatomy & Physiology I & II. BI 161 & 162

Fall 2008, Spring 2009

Human Origins and Evolution. BI 401

Spring 2009

Guest Lectures:

2008. Social Biology: BI 111. "Chimpanzee behavior"

University of Michigan (2005-2008)

Topics in Biological Anthropology: Mysteries of Ancient Bones. AN 297

Summer 2008

Evolution of Genus *Homo*. AN 565. Laboratory Instructor (Lecturer: M. Wolpoff)

Winter 2005

Guest Lectures:

2006. Hominid Origins: AN 564. "Dentition of the earliest hominins."

2004-2005. Introduction to African Studies. "The African human fossil record."

Northwest State Community College- Ohio (2008)

Principles of Biology. BI 101

Winter 2008

Northeastern University (2003)

Introduction to Paleontology

Fall 2003

STUDENTS ADVISED

Current

Michelle Farley (University of Illinois). Ph.D. external committee member.

Kayla Genord (Arizona State University). Ph.D. external committee member.

Graduated

2025. Luke Fannin, Ph.D. *C4 grasslands and hominin paleoecology: comparative, functional, and evolutionary perspectives.* Dartmouth College. Committee Member.

2025. Catherine Miller, Ph.D. *Functional morphology of the primate knee and its implications for hominin bipedal mechanics*. Dartmouth College. Primary advisor.

2024. Andrea Lukova, Ph.D. *Functional Morphology of the Hominin Knee: Locomotor Signals in the Trabecular Structure of the Distal Femur and Proximal Tibia in Extant and Extinct Hominoids*. University of Kent. External examiner.

2023. Marla MacKinnon, Ph.D. *Form and Function: An Ontogenetic Study of Adaptive Responses in Human Pelvic Morphology*. University of Victoria. External examiner.

2020. Christine M. Harper, Ph.D. *External Morphological Variation of Extant and Fossil Hominid Calcanei*. Johns Hopkins University. External reader.

2019. Ellison McNutt, Ph.D. *Plantigrade Adaptations in the Primate Calcaneus*. Dartmouth College. Primary advisor.

T. Cody Prang, Ph.D. *The Origin and Evolution of Human Bipedalism as Revealed by Foot Morphology*. New York University. External reader.

2018. Alexander Claxton, Ph.D. *A re-assessment of femoral neck cortical thickness.* Boston University. First reader.

2016. Nicole Squyres, Ph.D. *Shape variation in the distal femur of modern humans and fossil hominins.* Johns Hopkins University. 2016. External reader.

2014. Kevin Hatala, Ph.D. *Fossil Hominin Footprints and the Dynamics of Footprint Formation*. George Washington University. External reader.

2013. Jacqueline Smilg, Ph.D. *Application of CT imaging technologies to fossil-bearing rocks from South African early hominin sites*. University of the Witwatersrand. 2013. External reader.

Lara Saipe Durgavich, Ph.D. *Ovarian function and reproductive behaviors across the female orangutan life cycle* Boston University. 2013. Second reader.

2012. Naoki Morimoto, Ph.D. *Comparative Morphometric Analysis of Long Bone Ontogeny in Hominoid Primates* University of Zürich. 2012. External reader.

Master's Students: Reader for Tyler Dunn (Forensic Anthropology, Boston University). 2014. *"Examination of body mass from the metrics of the first metatarsal."*

Outside reader for Benjamin Shepard (Biotechnology, Worcester State University). 2013. *"Knee biomechanics in humans and early hominins*."

Outside reader for David Agoada (Forensic Anthropology, Boston University). 2012. "*The significance of tarsal variation: sex determination using the talus and calcaneus*"

Outside reader for Aviva Cormier qualifying exams (Archaeology, Boston University)

Primary advisor for Rami Salem (Anthropology, Boston University 2013).

Undergraduates: Dartmouth Presidential Scholars: Jessica Kittelberger (2016), Olivia Wiener (2017), Anjali Prabhat (2018), Mary Joy (2019), Sovi-Mya D. Wellons (2021), Amogh Pande (2022), Lauren Halsey (2024)

Dali research lab: Amey Zhang (2016-2017)

UGAR: Megan Larkin (2017), Isabelle Cheney (2022), Sovi-Mya D. Wellons (2023)

Boston University UROP award winners: Sara Keimig (2011 x2), Sharon Kuo (2011-2012 x2), Jeanelle Uy (2012 x2), Meagan Sobel (2012 x2), Corey Gill (2013), Zane

Swanson (2013), Rachel Bonne-Annee (2013 x2), Frankee Rodriguez (2013), Katie Joseph (2014)

Honors Thesis: Lauren Halsey (2026)

Isabelle Cheney (2024)

Sovi-Mya Wellons (2024)- Co-supervisor with Z. Thayer.

Mary Joy (2021)- "*Upper limb morphology and climbing kinematics in a monkey (*Cercocebus atys*) and ape (*Pan troglodytes*)*. Primary Advisor. Winner of the Mary E. Westbrook prize for outstanding thesis.

Zane Swanson (2014)- "*The relationship between the characteristics of bony anatomies of the foot and the mode of walking in humans."* Primary Advisor

Corey Gill (2014)- "*Ontogenic morphology of medial cuneiform curvature and angulation in extant apes and* Homo*."* Primary Advisor

Julia Romano (2012)- "*A reconstruction of the Sts 65* Australopithecus africanus *pelvis with implications for birth in early hominins*" Primary Advisor

Kathleen Downey (2011)- "*Excavating and Recording Human Burials of Early Bronze Age Sites in the Northwestern Region of the Euphrates Valley in Syria*" Outside reader

High School: Supervised research by science honors student at Horace Greeley High School (Chappaqua, NY)

Hosted interns from Hanover High School (Hanover, NH). Summer 2017-2018; Spring 2022.

Hosted intern from New London High School (NH). Summer 2018

Hosted two summer interns from North Country Union High School (Newport, VT). Summer 2017.

Boston University Academy student Nathan Hyde (2013): *"The relationship between tooth size and brain enlargement during human evolution."*

ADVANCING THE PUBLIC UNDERSTANDING OF SCIENCE

PUBLIC OR K-12 PRESENTATIONS

2026. **The biocultural ape.** Talk presented to senior biology students at Kimball Union Academy High School (April).

First Steps: How Upright Walking Made Us Human. Talk presented to the Woodlands community in Lebanon, NH (March).

Paleoanthropology lab tour. Hosted 4th grade class from Springfield, VT (February)

2025. **The Golden Age of Paleoanthropology**. Virtual talk delivered to TIES (Teacher Institute for Evolutionary Studies) (December)

Human evolution. Hosted Kimball Union High School students (November) in the Dartmouth Paleoanthropology Laboratory for a survey of the fossil record; Zoom meeting with Shutesbury, MA middle school science class (November).

Paleoanthropology lab tour. Hosted Robotics junior high school teams from Hartford and Norwich, VT (October). Dartmouth Tour Tuesdays welcoming members of the Upper Valley community into my lab. (February x2, May, August x2, October x2). Hosted New England middle school teacher professional development through the Montshire Museum of Science (December).

Underground astronauts and the search for fossils of human ancestors in South Africa. Presentation for the Rotary club of Lebanon, NH (February).

First Steps: How Upright Walking Made Us Human. Talk presented to the 1892 club of Hartford, CT (March).

2024. **Human evolution.** Hosted Kimball Union High School students (October) in the Dartmouth Paleoanthropology Laboratory for a survey of the fossil record

First Steps: How Upright Walking Made Us Human. Virtual talk delivered to the MIT alumni association book club (September).

Paleoanthropology lab tour. Dartmouth Tour Tuesdays welcoming members of the Upper Valley community into my lab. (July, August x2, October x3, November x2).

Underground astronauts and the search for fossils of human ancestors in South Africa. Auditorium presentation delivered to Kimball Union Academy. Meriden, NH (April)

Out of the Darkness. Part of panel discussion about Neanderthal behavior. Hop Film, Loew Auditorium, Dartmouth College (April)

2023. **Human evolution.** Hosted Kimball Union High School students (November) and Marion Cross Elementary 6th grade students (May) in the Dartmouth Paleoanthropology Laboratory for a survey of the fossil record

***Homo naledi* and the Chamber of Secrets.** Talk delivered to Union Street Elementary School (Springfield, VT)

First Steps. How Upright Walking Made Us Human. Talk presented to the meeting of the Country Squires of New London, NH (March).

Organized **A Community Conversation on Race** at the Montshire Museum of Science (February)

First Steps. How Upright Walking Made Us Human. Virtual talk delivered to TIES (Teacher Institute for Evolutionary Studies)

2022. **Old footprints, new questions.** Talk on the Laetoli footprints delivered virtually to Union Street Elementary School (Springfield, VT), Holten Richmond Middle School (Danvers, MA).

Human evolution. Hosted Kimball Union High School students (October) in the Dartmouth Paleoanthropology Laboratory for a survey of the fossil record

First Steps: How Upright Walking Made Us Human. Talk presented for the Science Pub series at Colby-Sawyer College. New London, NH (October)

Skype with a Scientist. Jupiter, FL (March)

2021. ***First Steps: How Upright Walking Made Us Human.*** Book talks
Book launch sponsored by the Montshire Museum of Science and Norwich Bookstore.
Harvard Bookstore event in conversation with Kate Wong.
Boston Museum of Science Ask a Scientist.
California Academy of Sciences

***A Most Interesting Problem*. Leakey Foundation Webinar.**

Lunch Break Science #20/ Jeremy DeSilva. Leakey Foundation webinar.

Skype with a Scientist. During COVID lockdown, I zoomed with K-12 students from Fieldstone Middle School (NJ), Lee R. Foster Elementary (IL), South Jefferson Elementary (WV), Crossroads Middle School (Grand Rapids, MI) x5. The King Alfred School and Academy (TKASA) in Somerset, England.

Teacher Professional Development session on human evolution at Montshire Museum of Science (June).

2020. **First Steps. How Upright Walking Made Us Human.** Human Origins Topic (HOT) presented virtually to the National Museum of Natural History, Smithsonian. (September).

Skype with a Scientist. During COVID lockdown, I zoomed with K-12 students in Oakland, CA; South Hadley, MA; Munhall, PA; Bangalore, India; Jupiter, FL; Kimball Union Academy, NH; Montclair Public Library, NJ.

Race and Human Evolution. During COVID lockdown, I zoomed with 7th graders at Woodstock, VT Middle School about the biological fallacy of race.

Learning from Bones. During COVID lockdown, I pre-recorded a video on bones and fossils for the Montshire Museum's *Montshire at Home* and then participated in a live Q&A.

Human evolution. Hosted Kimball Union High School students (March) in the Dartmouth Paleoanthropology Laboratory for a survey of the fossil record

Ancient Bones and Fossils. Presentation with author Erin Rounds on fossils at The Nature Museum, Grafton, VT (February).

Dig Deeper. Public talk and keynote address at the Science Communication workshop at the Perot Museum of Nature and Science presented at the St. Mark's school, Dallas, TX (January).

2019. **Celebrating *Danuvius*.** Brief remarks delivered to audience in Pforzen, Germany in recognition of the newly discovered Miocene ape fossils from the area (November).

First Steps. How upright walking made us human. Webinar presented to the Smithsonian Natural History Museum. Human Origins Today (HOT) Topic. (September).

Science Night—*Origins*. Delivered presentation on human evolution at evening event exploring the science of human origins in Windsor, VT (September).

Human evolution. Hosted Montshire Museum of Science staff and volunteers (September) and Kimball Union High School students (October) in the Dartmouth Paleoanthropology Laboratory for a survey of the fossil record

Meet "Little Foot", a new human fossil from South Africa. Boston Museum of Science presentation on Current Science & Technology Stage. (August).

***Homo naledi* and the Chamber of Secrets**. Leakey Foundation sponsored talk at the Houston Museum of Natural Science.
Next day outreach presentation at the Chinquapin Preparatory School (May). Same presentation done at Kimball Union High School (November); Grantham Village Middle School (November); Holten Richmond Middle School Danvers, MA (December).

Skeletons of New England animals. Activity based presentation with 1st grade students at the Ray School, Hanover, NH (May) and 2nd graders at Marion Cross School, Norwich, VT (November)

The evolution of human running. Boston Museum of Science presentation given in celebration of the 123rd Boston Marathon. (April)

Our Origins—My work in Human Evolution. STEM pathways presentation at Hanover High School. (April & October).

Race and human evolution. Presentation for 7-12 graders at Woodstock Middle and High Schools in recognition of Martin Luther King Jr. Day (January).

Skype with a scientist. Skyped with K-12 students: Saint Stephens, FL (February); Dallas Center, IA x2 (February); Clara Barton, NJ (March); Winnetka, IL (September); Charlton, MA (November); Yorkville, IL (December); Dalton High School (December)

2018. **Underground astronauts and the search for fossils of human ancestors in South Africa.** Classroom presentation to 6th grade students at Grantham Village Elementary School. Grantham, NH (November) and to 7th grade history and science students at Marblehead Veterans Middle School. Marblehead, MA (January)

National Fossil Day. Gave presentation on early human fossils at Union Street Elementary School, Springfield, VT (October).

Every bone tells a story. Activity based presentation with K-2 students at the Ray School, Hanover, NH (October). Made a *Kids and Community* honoree for 2018-2019 school year. Marion Cross School, Norwich, VT (November).

Human evolution. Hosted students in the Dartmouth Paleoanthropology Laboratory for a survey of the fossil record. Hanover High School (February); Randolph Union High (March). Visit to Hartford Memorial Middle School (April). Mansfield, MA STEAM talk (May).

Puzzle of the bones. Boston Museum of Science Current Science & Technology talk followed by Boston-area teacher professional development meeting (March).

Skype with a scientist. Skyped with Elementary school students: Yorkville, IL (April & November);

Black Hawk Middle School science classes (n=2), South Bend, WI (February). Winnetka, IL (September). High school classes (n=2): Peachtree City, GA (October). Baltimore, MD (November). Connections Academy/Pearson (N=160 K-12 students) (December).

2017. **Underground astronauts and the discovery or fossils of human ancestors in South Africa.** Talk presented to the 1892 Club, Hartford, CT (December); to Newport, VT community through Vermont Students to Africa program (June); to Londonderry Middle School, Londonderry, NH (June); to Junior High and High School students at Randolph Union High School (April)

***Homo naledi*: A new human ancestor from the Cradle of Humankind in South Africa**. Talk presented to the meeting of the Country Squires of New London, NH (September).

The stories bones tell. Professional development workshop with school teachers at the Ray School, Hanover, NH (August).

New fossils and dates for *Homo naledi*. Human Origins Topic (HOT) presented in the National Museum of Natural History (Smithsonian) Human Origins exhibit (May).

The evolution of human running. Boston Museum of Science in celebration of the 121st Boston Marathon. (April)

Human evolution. Hosted students in the Dartmouth Paleoanthropology Laboratory for a survey of the fossil record. Hanover High School (April); Randolph Union High (March).

Bones and Genes: How two sciences converge to unravel the mysteries of human evolution. Auditorium lecture presented to science students at Hanover High School (March).

2016. **Introducing *Homo naledi*.** Suds & Science talk presented for Vermont Center for Ecostudies. Norwich, VT (November).

Human evolution. A survey of the fossil record presented to Kimball Union Academy, Plainfield, NH. (November).

Underground astronauts and the search for fossils of human ancestors in South Africa. Talk to 7th grade history and science students at Marblehead Veterans Middle School. Marblehead, MA (October); STEM talk to 8th grade at Qualters Middle School. Mansfield, MA (June); STEM talk and VSTA talk to North Country Union High School. Newport, VT. (May); Public talk at the North Branch Nature Center (NBNC). Montpelier, VT. (January)

***Homo naledi*: A new human ancestor from the Cradle of Humankind**. Talk presented for the Science Pub series at Colby-Sawyer College. New London, NH (September); Presented at the Lyme Library, Lyme, NH. (January)

The stories bones tell. Professional development workshop with elementary school teachers at Marion Cross Elementary. Norwich, VT (August).

Human evolution. A survey of the fossil record presented to the Albert Bridge School. (March)

The evolution of walking: the perils of bipedalism. Presented in conjunction with the *Human Plus* exhibit at the Montshire Museum. Norwich, VT. (March)

2015. **Underground astronauts and the search for fossils of human ancestors in South Africa.** Auditorium presentation delivered to Kimball Union Academy. Meriden, NH (December); Classroom presentation to biology students at Grantham Village Elementary School. Grantham, NH (December); Auditorium presentation to students at Marion Cross Elementary. Norwich, VT. (November); Classroom presentation to Anthropology students at Kimball Union Academy. Meriden, NH (October); Presented to P.S. 086 Kingsbridge Heights (Bronx, NY) and Kipp Charter School (April)

***Homo naledi*.** Informal discussion with visitors to the Montshire Museum at the gifting of casts from Professor Lee Berger. (November).

***Homo naledi.* A new human ancestor from South Africa.** Boston Museum of Science Current Science & Technology presentation (October).

Take a walk on the wild side. Walking with our ancestors. Presented at the Teen SciCafe at the American Museum of Natural History. (April)

2014. **Underground astronauts and the search for fossils of human ancestors in South Africa.** Classroom presentation. Amherst, MA. (October).

The cons of bipedalism: Is upright walking such a good idea after all? California Academy of Sciences, San Francisco, CA. (May)

The evolution of human running. Boston Museum of Science in celebration of the 118th Boston Marathon. (April)

Human evolution: New surprises from South Africa. STEM talk to 8th grade at Qualters Middle School. Mansfield, MA (April); Auditorium presentations (2x) at Lexington High School (April).

2013. **A 2 million-year-old surprise from South Africa.** Talk presented to Middle School-aged children in Mansfield, MA (November); Auditorium presentation delivered to students at Cambridge Ridge & Latin High School. (June); Talk on *Australopithecus sediba* for Boston Museum of Science high-school lecture series. (January)

Teaching human evolution. Gave seminar on human evolution to K-12 teachers at Professional Development workshop on teaching evolution at Northeastern University (July).

Almost human. Science on Screen presentation on human evolution prior to showing of the film *Edward Scissorhands* at the Coolidge Corner Theater, Cambridge, MA. (February)

The life of a fossil: A tale of discovery. Talk on the discovery and study of *Australopithecus sediba* delivered at Family Science Day at the meeting of the American Association for the Advancement of Science (AAAS). (February)

2012. **The role of technology in an old science**. The use of technology in the discovery and study of the Malapa skeletons presented to the Boston Museum of Science Annual Meeting of the Board of Trustees and Overseers. (June)

A new discovery of a human ancestor from South Africa. Auditorium presentation delivered to students at Cambridge Ridge & Latin High School. (May)

***Australopithecus sediba*: a new kind of ancient human**. Presented to High School teachers for professional development session at Boston Museum of Science. (March)

Human evolution 140 years after "The Descent of Man" given as Keynote address on Darwin Day at meeting of the Worcester Humanists Society. (February)

2011. Featured in Boston Museum of Science fundraising video "Stars Among Us" (April)

***Australopithecus* babies and the origins of the family.** Discussed recent publication on *Australopithecus* infants and the origins of human alloparenting in a Boston Museum of Science Current Science and Technology presentation. (February)

2010. Scientific, educational, and exhibit consultant and contributor to the Smithsonian National Museum of Natural History human evolution exhibit *What does it mean to be human*?

Appeared in 4 classrooms (K-4) in Amherst and Mansfield, MA public school classrooms to discuss bones and fossils. (May)

2009. ***Ardi:* Our newest, oldest ancestor.** Discussed implications of *Ardipithecus* hominid discovery in a Current Science and Technology presentation at the Boston Museum of Science. (October)

Keynote talk: **Apes, bones, and genes. The science of human origins**. for the annual meeting of the Worcester Humanists Society. (October)

Thoughts on science, and being a scientist featured in Boston Museum of Science exhibit *Investigate*. (Fall-present)

Forensic Anthropology. Taught high school and middle school teacher professional development session on Forensic Anthropology. Worcester, MA (August).

Ancient fossils and modern apes. Discussed how scientists reconstruct the locomotion of extinct human ancestors and relatives in a Current Science and Technology presentation at the Boston Museum of Science. (May)

New discoveries of "the hobbit" from Flores. Discussed the Flores hobbit foot in a Current Science and Technology presentation at the Boston Museum of Science. (May)

Taught human evolution and paleontology to elementary school children. Mansfield, MA (May).

2008. **Brains, birth, and bipedalism.** Discussed the Gona *Homo erectus* pelvis in a Current Science and Technology presentation at the Boston Museum of Science. (November)

Brains, birth, and bipedalism. Discussed the Mesmaiskaya Neandertal infant in a Current Science and Technology presentation at the Boston Museum of Science. (November)

Human evolution. Talk at Rudolf Steiner High School of Ann Arbor, MI on fundamentals of human evolution. (February).

2007. Discussed current chimpanzee research with staff, volunteers, and visitors at the Boston Museum of Science to supplement their traveling exhibit "Discovering Chimpanzees: The Remarkable World of Jane Goodall." (May)

Evolution 150 years after Darwin. Keynote speaker for Boston Museum of Science volunteer training for traveling exhibit "Darwin." (January)

2006. Taught human evolution and paleontology to elementary school children. Amherst, MA.

2002. Educational and content advisor for IMAX film *Jane Goodall's Wild Chimpanzees*.

PODCASTS

2025. What Moves Us? Big Picture Science podcast (June)

Tracing Our Footsteps through Time. Talking Apes podcast (March)

2024. First Steps: How Upright Walking Made Us Human. The Dissenter podcast (January)

2023. Bipedalism. AnthroBiology podcast (April)

Walking towards the Human Condition. On Humans. (May)

2022. The Pedestrian. War on Cars podcast (April)

Why Did Our Brains Shrink 3000 Years ago? Many Minds (February)

First Steps: How Upright Walking Made Us Human. The Neanderthal Mind Podcast (January)

Made of Stronger Stuff. Feet. (January)

2021. Nature & Nurture #41: Dr. Jeremy DeSilva—First Steps (December)

Why do Humans Walk Upright? The Sydcast (September)

Lindy talk w/ Jeremy DeSilva. Paul Skallas podcast (June)

Walk the Walk podcast (recorded in May)

How Upright Walking Made Us Human. Alain Guillot podcast (May)

A Most Interesting Problem and First Steps with Jeremy DeSilva. Sausage of Science podcast (May)

Walking Tall. Big Picture Science podcast (May)

First Steps. How Upright Walking Made Us Human. Converging Dialogues podcast (April).

Science Night with Jeremy DeSilva. First Steps podcast (April).

A poorly Darwin and prehistoric bunions with Jeremy DeSilva. *Bunch of Apes* podcast. (February).

First Steps. How Upright Walking Made Us Human. New Books Network podcast. (March).

2020. *A Most Interesting Problem*. Books on Pod with Trey Elling.

2019. You have to walk before you can run. Running for Science: Science for Running (host: Adam van Arsdale). (January & April).

2017. Discussed new *Homo naledi* fossils in Boston Museum of Science podcast. (May)

2015. Discussed new human fossils from *Homo naledi* in Boston Museum of Science podcast. (September)

2013. Discussed *Rising Star* expedition in South Africa in Boston Museum of Science podcast. (December)

Discussed *Australopithecus sediba* fossils in a Boston Museum of Science podcast. (May)

Science magazine podcast on *Australopithecus sediba* fossils (April):

Science magazine podcast with Bruce Latimer and Ann Gibbons on the Scars of Human Evolution (February):

2011. Discussed *Australopithecus sediba* fossils in a Boston Museum of Science podcast. (October)

2009. Discussed *Ardipithecus ramidus* fossils in a Boston Museum of Science podcast. (October)

Discussed research on locomotion in early hominins in a Boston Museum of Science podcast. (May)

2008. Discussed *Homo erectus* female pelvis and evolution of human birth in a Boston Museum of Science podcast. (November)

2007. Discussed latest research on chimpanzees in a Boston Museum of Science podcast. (May)

RADIO INTERVIEWS

2021. Let's Talk with Bill Padley (Spain). Interview about *First Steps* (September).

Moncrieff Show with Seán Moncrieff (Ireland) interview about *First Steps* (May).

2018. Canadian Broadcast Corporation (CBC) interview about discovery of ancient toddler foot.

2017. Interviewed about recent discoveries in human evolution for "The Briefing" on Sirius XM.

2015. Vermont Public Radio interview on *Homo naledi* coming to the Montshire Museum of Science.

Sirius XM "The Briefing" interview on *Homo naledi* (September)

2013. BBC radio interview on the Scars of Human Evolution:

Interviewed on Voice America radio show "Indiana Jones: Myth, Reality and 21st Century Archaeology" on early hominin evolution.

Interviewed on As it Happens with Carol Off on human foot research (part 2).

2011. Research on *Australopithecus* infants covered on NPR.

Documentary Appearances

2026. Research on bipedal evolution featured in ***Made to Walk***. Director: Vali Fugulin. Trailer here.

2012. Appeared in National Geographic film ***The Two-Million-Year-Old Boy***, on the *Australopithecus sediba* fossils.

2011. Research on *Australopithecus* locomotion featured in BBC documentary ***Origins of Us***

Video/Television

2021. Dartmouth Short Talks on Big Ideas. *On the Evoltuion of Upright Walking*.
First Steps: How Upright Walking Made Us Human. C-Span.
Evolution Soup with Mark Torrender
The Fossil Vault with Lee Berger interview about *First Steps*.
World of Paleoanthropology interview about *First Steps* and Darwin.

2019. CBS interview on the *Australopithecus sediba* fossils.

2018. Making a MOOC: Behind the scenes of digital learning at Dartmouth.

2016. Study of *Australopithecus sediba* and *Homo naledi* featured on Dartmouth Alumni webpage

2015. Research on *Homo naledi* featured in Dartmouth News here and here.

2013. Research on *Australopithecus sediba* featured in BU Today, Bostonia, and in BU Annual Report

2010. Nature Education "Simply Science" webcast on the fossil evidence for human evolution.

Research on ankle functional morphology featured in Bostonia with video.

Print/Web Media

2026. January. Quoted in *Live Science* on *Sahelanthropus* femur and origins of bipedalism.
2025. November. Quoted in *Live Science* on new hominin fossils from Ethiopia
October. Quoted in *Nautilus*. Evolution is Written in our Joints.
May. Quoted in *Wall Street Journal* on hominin footprints discovered in Kenya.

2024. November. Research and book *First Steps* highlighted in El Pais USA.
November. Quoted in two *Live Science* (here and here) articles on the 50th anniversary of Lucy's discovery.

November. Quoted in *Science*, *Science News*, and LiveScience on new discovery of *Paranthropus* footprints in Kenya.

April & July. Quoted in article on brain size changes in recent humans. *Salon* and *New Scientist*.

2023. October. Research on Acheulean hand axe in 15th century painting in phys.org, Hyperallergic, and Smithsonian.

September. Research on recent human brain evolution featured in *The Wall Street Journal*.

September. Research on ape shoulder and elbow evolution reported in *The New York Times*, *Popular Science*, *Science Daily*, and NHPR.

April. Research on home runs in baseball and climate change published by AP, CNN, NBC News, *Science*, and many others.

2022. May. Research on brain reduction in Holocene humans appeared in BBC.

2021. December. Research on Laetoli footprints appeared in *New York Times*, *CNN*, *Science*, *ScienceNews*, *Reuters*, *AP*, and many other news outlets.

November. Research on brain reduction in Holocene humans appeared in *SciNews*, *SyFy*, *SciTech Daily*

July. Research featured in an article "What Made Early Humans Smart" in *Nautilus Magazine*.

April. *First Steps* release featured in *Upper Valley News*.

March. Research on Mt. Holly, Vermont mammoth appeared in *Science Daily*, *Boston Globe*, CBS Boston, *Upper Valley News*, *Barre Montpelier Times Argus*

2020. April. Quoted in *Gizmodo* article on brain development in *Australopithecus afarensis*:

2019. November. Opinion on new fossil ape *Danuvius* quoted in *Nature*, *ScienceNews*, *Smithsonian*.

October. Quoted in *Gizmodo* article on top discoveries of the decade.

September. Quoted in *Wall Street Journal* on Neandertal footprints.

May. Quoted in *Popular Science* on evolution of walking.

April. Comments on *Homo luzonensis* appeared in *Science*, PBS NOVA, and Business Insider.

April. Comment on Pleistocene *Homo* evolution appeared in *Inverse*.

February. Quoted in *PBS News Hour* article on Neandertal footprint

February. Quoted in *Science News* article on new *Ardipithecus* fossils.

January. Research on *Australopithecus sediba* skeletons appeared on CNN, Huffington Post, MSNBC, The Telegraph, Inverse, USA Today, Daily Maverick (ZA), Eureka Alert.

2018. July. Research on Dikika infant foot and walking in *Australopithecus* toddlers in National Geographic, CNN, Science News, The Atlantic, among others.

February. Quoted in Axios on the role of fire in human evolution.

2017. Quoted in *Sock* by Kim Adrian. Bloomsbury Publishing Inc.

2016. Fall. Quoted in Upper Valley Kids Stuff. "Why do kids love dinosaurs."

Research on downsides of human evolution published in *Gizmodo* and *Mental Floss*.

June. Quoted in *The New Yorker* piece "Digging for Glory"

April. Quoted in *Inside Science* article on evolution of bipedalism.

Spring. Research on *Homo naledi* published in University of Michigan LSA magazine.

2015. September. Research on *Homo naledi* published in Vice, Huffington Post, UPI, among many others:

January. Research on foot evolution highlighted in *New Scientist*.

2014. April. Research on the evolution of helpless infants discussed by R. Martin in *Psychology Today*.

January. Research on "Scars of Human Evolution" discussed in Science News for Students:

2013. Fall. Research on *Australopithecus sediba* featured in Boston University College of Arts & Sciences Magazine, and Inside Sargent

October. Comments on new Dmanisi skull published in *Boston Globe*.

May/June. Research on midtarsal break in human foot appeared in *New Scientist*, *Runner's World*, *Discovery News*, *The Telegraph* (UK), *The Daily Mail* (UK), *National Geographic* & *The Boston Globe*.

April. Research on walking in *Australopithecus sediba* appeared in the *Economist*, *New Scientist*, *Nature,* CNN, BBC, NPR, varies news agencies carried the Associated Press story including Boston Globe.

February. Participation in "Scars of Human Evolution" symposium at AAAS conference in *Science* magazine:

February. Quoted extensively in *Scientific American* piece by K. Harmon ("Shattered Ancestry") on early hominin diversity.

January. Quoted in *National Geographic* online article on tree climbing in modern human populations:

2012. December. Quoted in *Science News* article on locomotor diversity in early hominins:

October. Quoted on Scientific American blog on how bipedalism leaves us susceptible to injuries:

September. Interviewed by Peter Tyson for NOVA online article "Our improbable ability to walk".

May. AAPA presentation on *Australopithecus sediba* locomotion featured in *Science.* (Ann Gibbons, "For early hominins in Africa, many ways to take a walk").

April. AAPA presentation on *Australopithecus sediba* locomotion featured in *Science News*, and in *Scientific American* podcast.

March. Comments on Burtele, Ethiopia foot quoted in *Science.*

January. Comments on paper on birth scars in ancient pelves appear in *New Scientist*.

2011. November. Research on arch of the foot featured in BU Today.

Fall. Research on arch of the foot featured in InsideSargent, the magazine of Sargent College, Boston University.

April. Featured in The Quad: Boston University's online newspaper.

February. Quoted in *Nature* ("The Con of Convergence") regarding homoplasy in early hominin fossils.

February. Thoughts on *Australopithecus afarensis* foot fossil quoted in *Science*, *Nature*, and LiveScience.com.

January. Research on *Australopithecus* infants covered in *Time*, *Scientific American*, MSNBC.

2010. August. Interviewed by Earth magazine for story on earliest human foot bone discovered in the Philippines.

June. Interviewed by Cleveland Plain Dealer regarding new *Australopithecus* skeleton.

2009. May. Research featured in May 27, 2009 *Worcester Telegram*. "Searching for Early Man. Ankles Kept us Grounded"

May. Thoughts on Flores hobbit foot noted in *Nature* (R. Dalton, "'Hobbit' was a dwarf with large feet".)

April. Research on climbing in early hominins noted in *Science* (Michael Balter, "Our ancestors were no swingers"), *Discover*, MSNBC, and FoxNews.

2008. December. Featured in Boston Museum of Science quarterly magazine. "The education of Jerry DeSilva."

November. Research of brain development in juvenile hominins noted in *Science* (Ann Gibbons, "The Birth of Childhood").

Fall. Research on the "midtarsal break" noted in *Evolutionary Anthropology*.

2006. Fall. Research on ape evolution in East Africa featured in *The Journal of the International Institute*.

2004. November. Work on Kikorongo, Uganda femur reported in *The New Scientist*.

CONTRIBUTIONS TO DARTMOUTH PUBLICATIONS

2019. February. Role in The Call to Lead appeared in *Dartmouth News*.

February. Q&A with *The Dartmouth*.

January. News of analysis of *Australopithecus sediba* fossils published in *Dartmouth News*.

2018. July. News about new *Australopithecus* fossils published in *Dartmouth News*.

October. Work on addressing sexual misconduct in field research covered in *Dartmouth News*.

2017. January & February. News on Anthropology course and its discovery in South Africa featured in *The Dartmouth* here and here and the *Dartmouth News* here.

2016. September. Research highlighted in *The Dartmouth*.

INTERNAL TALKS TO MEMBERS OF DARTMOUTH COMMUNITY

2025. **Wild Galapagos Escape.** Faculty representative for alumni trip to Galapagos (October)

The Golden Age of Paleoanthropology. Talk for Reunion of Class of 1960. (October)

How did humans evolve? Deep Questions talk for Dartmouth faculty. (May)

First Steps. How Upright Walking Made Us Human. Q&A for Class of 1969 Casual Conversations series.

Jerry DeSilva on the Evolution of Upright Walking. Faculty research spotlight and Q&A session for Dartmouth parent and family talks webinar series.

2024. **Old footprints, new questions**. Talk presented to the Dartmouth Alumni Council Committee on Lifelong Learning (October).

2023. **Human Origins in South Africa.** Faculty representative for alumni trip to South Africa (Nov/Dec).

Ancient tools and transformed landscapes. Talk presented to the Irving Institute Symposium on Climate, Energy and Society (October).

First Steps. How Upright Walking Made Us Human. Talk presented at the Hot Plates, Hot Topic Lunch Series, Osher (March).

2022. **New discoveries in human evolution**. Talks presented to the Class of '62 and the class of '71 during reunion weekend (June).

Old footprints, new questions. Dartmouth Dimensions talk presented remotely to the admitted class of 2026. (April)

Old footprints, new questions. Talk presented with Anjali Prabhat '20 for the 1769 Society. (January)

2021. **Old footprints, new questions**. Dartmouth Dimensions talk presented remotely to the admitted class of 2025. (April)

2020. **Africa and Human Evolution**. Osher class *African Roundtable*. (October)

Dartmouth on Location Kids: Bones Tell the Story About Life.

Dartmouth on Location Kids: What Can We Learn From Fossils?

Old footprints, new questions. Dartmouth Dimensions talk presented remotely to the admitted class of 2024. (April)

2019. **Where is the cradle of humankind?** Presented to the African Roundtable at Norwich Inn, Norwich, VT (December).

3D representations in paleoanthropology. Short presentation at the Augmented Reality/Virtual Reality Workshop. Jones Media Center. (December).

Old footprints, new questions. Lunch seminar for the EEES (Ecology, evolution, environment, and society) graduate program (September).

Fossil footprints and the evolution of upright walking. Presented to the African Roundtable at Norwich Inn, Norwich, VT (July).

Call to Lead. Presented with valedictorian Katie Clayton '18 on teacher-student collaboration to Dartmouth community in Seattle, WA (February).

Underground astronauts and the search for fossils of human ancestors in South Africa. Dartmouth Dimensions talk presented to the admitted class of 2023. (April)

2018. **Underground Astronauts and the Search for Early Human Fossils in South Africa**. Talk given to Classes of '43, '48, and '53 for Senior Reunion weekend.

Underground Astronauts and the Search for Early Human Fossils in South Africa. Talk given to Sophomore Family Weekend (July).

Call to Lead. Presented with valedictorian Katie Clayton '18 on teacher-student collaboration at Reunions (June); and to Dartmouth community in Boston (November)

Human Odyssey. Dartmouth on location talk presented to alumni at the California Academy of Sciences, San Francisco (February).

2017. **South Africa Revealed.** Faculty representative for alumni trip to South Africa. Gave two talks:
Experiencing Human Origins. On Anth 70—an experiential learning course &
The Cradle of Humankind. On new discoveries of human fossils from S. Africa.

New Fossils of Early Humans from South Africa. Presented to Beta Alpha Omega fraternity (November).

Lifelong Learning Programs. Presented to the Academic Affairs Committee Meeting of the Alumni Council (October)

The Wilds of (Ancient) Africa. Dartmouth Alumni event at the zoo in Dallas, TX (October)

Rocking the Cradle of Humankind. Experiential learning in the South African desert. Talk presented with Professor Nathaniel Dominy to participants in the Presidential Summit (September)

Underground astronauts: The search for early human fossils in South Africa. Dartmouth Camp talk presented to alumni families. (July)

Experiencing Human Origins in Southern Africa. Talk presented with Professor Nathaniel Dominy during reunion weekend at Dartmouth College. Hanover, NH (June).

Underground astronauts and the search for fossils of human ancestors in South Africa. Dartmouth Dimensions talk presented to the admitted class of 2021. (April)

2016. ***Homo naledi*: A new human ancestor**. Talk presented to the Dartmouth Women's Club of Boston (October)

Underground astronauts: The search for early human fossils in South Africa. Talk presented during reunion weekend at Dartmouth College. Hanover, NH (June).

Discovering ourselves. Presented as the keynote address for the global forum on student learning. Dartmouth College. (January)

2015. **Underground astronauts and the search for fossils of human ancestors in South Africa.** Presented to the Dartmouth Class of 1961. White River Junction, VT. (October)