

SANG-HEE LEE, PHD

이상희 (李相僖)

Professor of Anthropology
Associate Dean of Social Sciences
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RESEARCH AREAS

Human evolution; Asia; gender in human evolution; higher education leadership

ACADEMIC POSITIONS

Professor, Associate Professor, Assistant Professor, Department of Anthropology,
University of California at Riverside (2001-current)

- Cooperating Faculty Member, Evolution, Ecology, and Organismal Biology Program,
Department of Biology, University of California at Riverside (2009-2015)
- Member, SDSU/UCR Joint Doctoral Program in Evolutionary Biology (2010-2015)

Visiting Assistant Professor, Department of Anthropology, Indiana University of
Pennsylvania (2000-2001)

Postdoctoral Research Associate, Department of Biosystems Science, Graduate University
for Advanced Studies, Hayama, Kanagawa 240-0193, Japan (Naoyuki Takahata,
supervisor) (1999-2000) 総合研究大学院大学 (総研大) · 先導科学研究科 · 生命共生体進化
学専攻, 葉山, 神奈川

EDUCATION

PhD in Anthropology, University of Michigan, Ann Arbor, Michigan (1999)

- Thesis: *Evolution of Human Sexual Dimorphism: Using Assigned Resampling Method to Estimate Sexual Dimorphism When Individual Sex is Unknown* (Milford H. Wolpoff, chair)

MA in Anthropology, University of Michigan, Ann Arbor, Michigan (1993)

BA in Archaeology, Seoul National University, Korea (1989)

- Thesis: *Mineral Analysis of Korean Prehistoric Potsherds Using SEM (Scanning Electron Microscopy) and XRD (X-Ray Diffraction) Methods* (Mong-Ryong Choi, advisor)

LEADERSHIP & ADMINISTRATIVE EXPERIENCE

Associate Dean of Social Sciences, College of Humanities, Arts, and Social Sciences, University of California at Riverside (2017-2018) (Milagros Peña, dean)

- Oversee six social sciences departments (anthropology, economics, ethnic studies, political science, psychology, sociology): about 150 senate faculty, 5,100+ undergraduate students
- Review personnel files for faculty: 80+ files (2017-2018)
- Review and recommend temporary budget requests from departments and programs
- Participate in graduate and undergraduate program reviews
- Participate in the recruitment of senate faculty and non-senate faculty for instruction
- Participate in staff recruitment for the college
- Organized Humanities+: International Undergraduate Research Conference: joint conference between undergraduate humanities majors from Korea University and Mellon Mays Fellows at UCR
- Work with Academic Senate:
 - CHASS Executive Committee, *ex officio* (Kate Sweeny, chair)

Associate Dean of Student Academic Affairs, College of Humanities, Arts, and Social Sciences, University of California at Riverside (2016-2017) (Milagros Peña, dean)

- Oversaw undergraduate education in the college: 11,000 undergraduate students; 60 majors and minors
- Chaired recruitment committee for CHASS F1RST Director (unsuccessful)
- Supervised First-year programming (CHASS F1RST): Learning Communities
- Supervised academic advising: 30 academic advisors and supervisors, directors
- Selected recipients for At Home in the World award, commencement speakers
- Led restructuring and reorganizing of academic advising in the college
- Participate undergraduate program reviews
- Participated in campus-level efforts:
 - Assessment and accreditation: WASC Reaccreditation Workgroup (Cindy Larive, chair)
 - Admissions: enrollment for California residents and transfers (2:1 Transfer Task Force, Tom Smith, chair)
 - Course Scheduling Workgroup (Ken Baerenklau, chair)
 - North District Development Project
 - North Campus Development (Cindy Larive, chair)
 - Orientations, convocations, and commencements
 - Recruitment: Discovery Day, Highlander Day
- Worked with Academic Senate:
 - Committee on Preparatory Education, *ex officio* (Bill Gary, chair)
 - CHASS Executive Committee, *ex officio* (Jason Weems, chair)

Chair, Women's Faculty Association, University of California at Riverside (2017-2018)

Chair, Department of Anthropology, University of California at Riverside (2012-2015)

- Oversaw medium-sized department: about 15 senate faculty, about 500 undergraduate and graduate students, staff (Anthropology/Sociology administrative cluster)
- Recruitment and review of faculty: 4 recruitments, 21 personnel actions over 3 years
- Program reviews: Graduate program (2012); undergraduate program (2015)
- Developed and assessed Learning Outcomes
- Engaged in development:
 - Established FATA (Friends of Anthropology Travel Award) for anthropology graduate students
 - Selected recipients for Moses Family Scholarship
 - Worked with Development to set up Steven Mandeville-Gamble Scholarship in Anthropology

Graduate Advisor, Department of Anthropology, University of California at Riverside (2009-2010, 2011-2012, 2015-2016)

- Led graduate student recruitment and admissions: annual incoming cohort of 8-10
- Reviewed curriculum and petitions for the graduate program
- Led assessment: Developed Learning Outcomes

SELECTED PUBLICATIONS*Representative Publications by Research Topic***Human evolution for the general audience:**

- Lee S-H with Yoon S-Y (2018) Close Encounters with Humankind: A Paleoanthropologist Investigates Our Evolving Species. New York, NY: W.W. Norton.
- Lee S-H (2018) Where do we come from? *Anthropology News*, September 18, 2018. DOI: 10.1111/AN.972

Human evolution in Asia:

- Lee S-H (2015) Patterns of human evolution in northeast Asia: *Homo erectus* in Salkhit, Mongolia? *HOMO – Journal of Comparative Human Biology* 66(4):287-298. (DOI: 10.1016/j.jchb.2015.02.002)
- Wolpoff MH, Lee S-H (2014) WLH 50: How Australia informs the worldwide pattern of Pleistocene human evolution. *PaleoAnthropology* 2014:505-564. (DOI: 10.4207/PA.2014.ART88)

Evolution of longevity:

- Caspari R, Lee S-H (2006) Is human longevity a consequence of cultural change or modern biology? *American Journal of Physical Anthropology* 129(4):512-517. (DOI: 10.1002/ajpa.20360)
- Caspari RE, Lee S-H (2004) Older age becomes common late in human evolution. *Proceedings of the National Academy of Sciences of the United States of America*

101(30):10895-10900. (DOI:10.1073/pnas.0402857101)

Evolution of sexual dimorphism:

- Lee S-H (2005) Patterns of size sexual dimorphism in *Australopithecus afarensis*: Another look. *Homo-Journal of Comparative Human Biology* 56(3):219-232.

Evolution of brain size:

- Lee S-H, Wolpoff MH (2003) The pattern of Pleistocene human brain size evolution. *Paleobiology* 29(2):186-196.

Human evolution and genetics:

- Takahata N, Lee S-H, Satta Y (2001) Testing multiregionality of modern human origins. *Molecular Biology and Evolution* 18(2):172-183.
- Hawks J, Hunley K, Lee S-H, Wolpoff MH (2000) Population bottlenecks and Pleistocene human evolution. *Molecular Biology and Evolution* 17(1):2-22.

HONORS AND AWARDS

AAAS Fellow (2019-)

Book Awards

Close Encounters with Humankind: A Paleoanthropologist Investigates Our Evolving Species
(2018, Norton)

W.W. Howells Book Award (2018)

New Scientist, Forbes, New York Times, BBC, Smithsonian (2018)

Emory Elliott Book Award (2018)

인류의 기원

한국출판문화상 교양부문 후보 (2015)

시사 IN 올해의 책 자연과학분야 (2015)

<https://www.sisain.co.kr/?mod=news&act=articleView&idxno=25143>

한국과학창의재단 우수과학도서 (2016)

이상희 선생님이 들려주는 인류 이야기

한국과학창의재단 우수과학도서 (2018)

COMPLETE LIST OF PUBLICATIONS

Books

1. Willermet C, Lee S-H, editors (in progress) *Evaluating Evidence in Biological Anthropology: The Strange and the Familiar*. Signed contract with Cambridge University Press (Cambridge, UK).
2. 이상희 (2018) 이상희 선생님이 들려주는 인류 이야기. 서울: 우리학교. Lee S-H. Stories of Humankind Told by Sang-Hee Lee. Seoul, Korea: WooriHakyo. (ISBN: 978-11-87050-56-8) (in Korean)
3. Lee S-H with Yoon S-Y (2018) *Close Encounters with Humankind: A Paleoanthropologist Investigates Our Evolving Species*. New York, NY: W.W. Norton. (ISBN 978-0-393-63482-2) (translated from Korean into English by Lee S-H)
 - a. Lee S-H, and Yoon S-Y (2019) *Close Encounters with Humankind: A Paleoanthropologist Investigates Our Evolving Species*. New York, NY: W.W. Norton. Paperback (ISBN 978-0-393-35676-2)
 - b. Lee S-H, Yoon S-Y (2018) *¡No Seas Neandertal! – Y Otras 21 Historias sobre la Evolucion Humana*. Barcelona: Debate, Penguin Random House (ISBN 978-8-499-92802-9) (translated from English into Spanish by Joandomènec Ros)
 - c. Lee S-H, Yoon S-Y (2018) *人類との遭遇-はじめて知るヒト誕生のドラマ*. Tokyo: Hayakawa (ISBN 978-4-15-209583-1) (translated from English into Japanese by Matsui Nobuhiko 松井 信彦)
4. 이상희, 윤신영 (2015) 인류의 기원. 서울: 사이언스북스. Lee S-H, and Yoon S-Y. Human Origins. Seoul, Korea: ScienceBooks. (ISBN: 978-8-983-71754-2) (in Korean)
 - a. 李相僖、尹信榮 (2018) 人類的起源：最受美國大學生歡迎的 22 堂人類學課·關於你是誰、你從哪裡來又該往哪裡去. 台北, 台灣: 三采文化. (ISBN 978-9-863-42944-9) (translated from Korean into Traditional Chinese by 陳建安)

Articles

1. Lee S-H (2018) Where do we come from? *Anthropology News* 59(5(September/October 2018)):18-20. DOI: 10.1111/AN.972
2. 이상희 (2018) 흥수아이 1 호는 과연 구석기시대 매장 화석인가? 한국상고사학보 100:xxx-xxx. (영문초록) Lee S-H (2018) Is Hungsu Child No. 1 a Paleolithic Fossil Burial? *Korean Ancient Historical Society Journal* 100:205-217. (in Korean with English abstract) (DOI: 10.18040/sgs.2018.100.205)
3. Lee S-H (2018) Women in leadership: non-Asian context with a focus on higher education. In: *Korean Women in Leadership*. Cho Y, McLean GN, editors. Cham, Switzerland: Palgrave Macmillan, Springer International Publishing. Pp.257-271. (DOI: 10.1007/978-3-319-64271-0)
4. Lee S-H, Khorasani DG (2017) Spread of hominins in Asia. eLS. Chichester: John Wiley & Sons. Pp.1-7.
5. Lee S-H (2017) Current and future state of paleoanthropology in the 21st century. Proceedings of the 7th International Symposium of Science Museums. Daejeon, Korea: National Science Museum of Korea. Pp.153-153.
6. Tseveendorj D, Gunchinsuren B, Gelegdorj E, Yi S, and Lee S-H (2016) Patterns of human evolution in northeast Asia with a particular focus on Salkhit. *Quaternary International* 400(2):175-179. (DOI: 10.1016/j.quaint.2015.08.074)
7. Lee S-H (2015) Patterns of human evolution in northeast Asia: Homo erectus in Salkhit, Mongolia? *HOMO - Journal of Comparative Human Biology* 66(4):287-298. (DOI: 10.1016/j.jchb.2015.02.002)
8. Wolpoff MH, Lee S-H (2014) WLH 50: How Australia informs the worldwide pattern of

- Pleistocene human evolution. *PaleoAnthropology* 2014:505-564. (DOI: 10.4207/PA.2014.ART88)
9. Lee S-H (2013) Patterns of human evolution in northeast Asia. *Journal of the Hoseo Archaeological Society (Hoseo Gogohak)* 29:4-31.
 - 이상희 (2013) 인류 진화사의 관점에서 바라본 동북아시아. *호서고고학* 29:32-57. (translated from English into Korean by Ko I-H)
 10. Wolpoff MH, Lee S-H (2012) The African origin of recent humanity. In: *African Genesis: Perspectives on Hominid Evolution*. Reynolds SC, Gallagher A, editors. Cambridge, UK: Cambridge University Press. Pp. 347-364.
 11. Lee S-H (2011) How many variables are too few? Effect of sample size in STET, a method to test conspecificity for pairs of unknown species. *PaleoAnthropology* 2011:260-267. (DOI: 10.4207/PA.2011.ART56)
 12. Zhu Q, Wang X, Keogh E, Lee S-H (2011) An efficient and effective similarity measure to enable data mining of petroglyphs. *Data Mining and Knowledge Discovery* 23(1):91-127.
 13. Lee S-H (2010) Human longevity and world population. In: *21st Century Anthropology: A Reference Handbook*. H. James Birx, editor. Thousand Oaks, CA: Sage. Pp. 970-976.
 14. Keogh E, Wei L, Xi X, Vlachos M, Lee S-H, Protopapas P (2009) Supporting exact indexing of shapes under rotation invariance with arbitrary representations and distance measures. *The VLDB Journal* 18(3):611-630. (DOI: 10.1007/s00778-008-0111-4)
 15. Keogh E, Ye L, Rampley T, Lee S-H (2009) Automatic construction of typologies for massive collections of projectile points. In: *Making History Interactive: Computer Applications and Quantitative Methods in Archaeology. Proceedings of the 37th Annual International Conference*. Frischer B, Crawford JW, Koller D, editors. Williamsburg, VA: Archaeopress. Pp. 146-157.
 16. Zhu Q, Wang X, Keogh E, Rampley T, Lee S-H (2009) Towards indexing and data mining all the world's rock art. . In: *Making History Interactive: Computer Applications and Quantitative Methods in Archaeology. Proceedings of the 37th Annual International Conference*. Frischer B, Crawford JW, Koller D, editors. Williamsburg, VA: Archaeopress. Pp. 397-408.
 17. Keogh E, Lin J, Lee S-H, Van Herle H (2007) Finding the most unusual time series subsequence: algorithms and applications. *Knowledge and Information Systems* 11(1):1-27. (DOI: 10.1007/s10115-006-0034-6)
 18. Keogh E, Lonardi S, Ratanamahatana CA, Wei L, Lee S-H, Handley H (2007) Compression-based data mining of sequential data. *Data Mining and Knowledge Discovery* 14(1):99-129. (DOI: 10.1007/s10618-006-0049-3)
 19. 이상희 (2007) 고인류학 연구의 최근 동향을 중심으로 본 인류의 진화. *한국고고학보* 64:122-171. (영문초록) Lee S-H. Hominid evolution: new research trends in paleoanthropology. *Journal of the Korean Archaeological Society* 64:122-171. (in Korean with English abstract)
 20. Lee S-H, Wolpoff MH (2007) Herto and the Neandertals: What can a 160,000-year-old African tell us about European Neandertal evolution? In: *Human Origins, Genome and People of India: Genomic, Palaeontological and Archaeological Perspectives*. AR Sankhyan and VR Rao, editors. New Delhi (India): Allied Publishers. Pp. 329-336.
 21. Wei L, Keogh E, Xi X, Lee S-H (2007) Supporting anthropological research with an efficient rotation invariant shape similarity measurement. *Journal of Royal Society Interface* 4(13):207-222. (DOI: 10.1098/rsif.2006.0168)
 22. Caspari R, Lee S-H (2006) Is human longevity a consequence of cultural change or modern biology? *American Journal of Physical Anthropology* 129(4):512-517. (DOI: 10.1002/ajpa.20360)
 23. Keogh E, Wei L, Xi X, Lee S-H, Vlachos M (2006) LB_Keogh supports exact indexing of shapes under rotation invariances with arbitrary representations and distance measures. *Proceedings of the 32nd International Conference on Very Large Data Bases*. Pp. 882-893.

24. Lee S-H (2006) Patterns of dental sexual dimorphism in Krapina and Předmostí: a new approach. *Periodicum Biologorum* 108(4):417-424.
25. Wolpoff MH, Lee S-H (2006) Variation in the habiline crania—must it be taxonomic? *Human Evolution* 21(1):71-84. (DOI: 10.1007/s11598-006-9007-8)
26. Ahern JCM, Hawks JD, Lee S-H (2005) Neandertal taxonomy reconsidered . . . again: a response to Harvati *et al* (2004). *Journal of Human Evolution* 49(6):647-652. (DOI: 10.1016/j.jhevol.2004.10.008)
27. Caspari R, Lee S-H (2005) Taxonomy and longevity: a reply to Minichillo (2005). *Journal of Human Evolution* 49(5):646-649. (DOI: 10.1016/j.jhevol.2005.07.003)
28. Caspari R, Lee S-H (2005) Are OY ratios invariant? A reply to Hawkes and O'Connell (2005). *Journal of Human Evolution* 49(5):654-659. (DOI: 10.1016/j.jhevol.2005.08.005)
29. Lee S-H (2005) Is variation in cranial capacity of the Dmanisi sample too high to be from one species? *American Journal of Physical Anthropology* 127(3):263-266.
30. Lee S-H (2005) Patterns of size sexual dimorphism in *Australopithecus afarensis*: Another look. *Homo-Journal of Comparative Human Biology* 56(3):219-232.
31. Lee S-H, Wolpoff MH (2005) Habiline variation: a new approach using STET. *Theory in Biosciences* 124(1):25-40. (DOI: 10.1016/j.thbio.2005.01.004)
32. Caspari RE, Lee S-H (2004) Older age becomes common late in human evolution. *Proceedings of the National Academy of Sciences of the United States of America* 101(30):10895-10900. (DOI:10.1073/pnas.0402857101)
33. Lee S-H, Wolpoff MH (2003) The pattern of Pleistocene human brain size evolution. *Paleobiology* 29(2):186-196.
34. Ahern JCM, Lee S-H, Hawks JD (2002) The Late Neandertal supraorbital fossils from Vindija Cave, Croatia: a biased sample? *Journal of Human Evolution* 43(3):419-432. (DOI: 10.1006/jhev.2002.0586)
35. Wolpoff MH, Lee S-H (2001) The Late Pleistocene human species of Israel. *Bulletins et Memoires de la Société d'Anthropologie de Paris* 13(3/4):291-310.
36. Lee S-H (2001) Assigned Resampling Method: A new method to estimate size sexual dimorphism in samples of unknown sex. *Przegląd Antropologiczny – Anthropological Review* 64(1):21-39.
37. Takahata N, Lee S-H, Satta Y (2001) Testing multiregionality of modern human origins. *Molecular Biology and Evolution* 18(2):172-183.
38. Hawks J, Hunley K, Lee S-H, Wolpoff MH (2000) Population bottlenecks and Pleistocene human evolution. *Molecular Biology and Evolution* 17(1):2-22.

Book Chapters

1. Khorasani DG, and Lee S-H. in progress. Women in Human Evolution Redux. In: Willermet CM, and Lee S-H, editors. *Evaluating Evidence in Biological Anthropology: The Strange and the Familiar*. Cambridge: Cambridge University Press.
2. Lee S-H, and Willermet CM. in progress. Introduction: (Re)Discovery of the strange and familiar. In: Willermet CM, and Lee S-H, editors. *Evaluating Evidence in Biological Anthropology: The Strange and the Familiar*. Cambridge: Cambridge University Press.
3. Willermet CM, and Lee S-H. in progress. Discussion and Conclusion: Move forward, critically. In: Willermet CM, and Lee S-H, editors. *Evaluating Evidence in Biological Anthropology: The Strange and the Familiar*. Cambridge: Cambridge University Press.

Book Reviews

1. Lee S-H (2011) Book review: THE BONE READERS: SCIENCE AND POLITICS IN HUMAN ORIGINS RESEARCH, by Claudio Tuniz, Richard Gillespie, and Cheryl Jones (2009) Walnut Creek, CA: Left Coast Press. *Journal of Anthropological Research* 67(1):109-110.

2. Lee S-H (2001) Book review: HUMAN PALEOBIOLOGY, by Robert B. Eckhardt (2000) New York: Cambridge University Press. ISBN 0-521-45160-4. *American Journal of Physical Anthropology* 115(4):388-389.

Abstracts

1. Cade JW, Lee S-H, Keogh E, Rampley TT (2012) Clovis tools or Clovis people? A new approach using time-series conversion and dynamic time warping. *American Journal of Physical Anthropology* 147(S54):109.
2. Lee S-H, Yi S (2012) Salkhit and modern human origins in northeast Asia. *American Journal of Physical Anthropology* 147(S54):191.
3. Lee S-H, Cade JW, Zhang Y (2011) Patterns of sexual dimorphism in *Gigantopithecus blacki* dentition. *American Journal of Physical Anthropology* 144(S52):197.
4. Caspari R, Lee S-H, van Arsdale A (2010) Implications of reduced mortality risk for late Pleistocene humans. *American Journal of Physical Anthropology* 141(S50):79.
5. Lee S-H, Caspari R (2009) Extracting adult survivorship information from fossil samples: the uses and limitations of OY ratios. *American Journal of Physical Anthropology* 138(S48):264.
6. Lee S-H (2007) Exploring STET: a new method for examining variation and species. *American Journal of Physical Anthropology Supplement* 44:153.
7. Lee S-H (2006) A new approach to dental sexual dimorphism in the Krapina Neandertals. *American Journal of Physical Anthropology Supplement* 42:119-120.
8. Caspari R, Lee S-H (2005) Longevity in the Middle Paleolithic: Did modern humans live longer than Neandertals? *American Journal of Physical Anthropology Supplement* 40:85.
9. Kesterke M, Ahern JCM, Lee S-H, Hawks JD (2005) Is the Vindija late Neandertal mandibular sample biased? *American Journal of Physical Anthropology Supplement* 40:129.
10. Lee S-H, Frayer DW (2005) Changes in sexual dimorphism in Europeans in the last 30,000 years. *American Journal of Physical Anthropology Supplement* 40:136.
11. Caspari R, Lee S-H (2004) Longevity and the evolution of modernity. *American Journal of Physical Anthropology Supplement* 38:73-74.
12. Lee S-H, Frayer DW (2004) Continuous changes in lower limb lengths of Upper Paleolithic Mesolithic Europeans. *PaleoAnthropology* 1:A74.
13. Lee S-H (2004) Sexual dimorphism in the Hadar *A. afarensis* sample: Another look. *American Journal of Physical Anthropology Supplement* 38:133.
14. Lee S-H (2003) Is the variation in cranial capacity of the Dmanisi sample too high to be from one species? (available on the web: <http://www.paleoanthro.org/abst2003.htm>)
15. Caspari R, Lee S-H (2003) Is old age really old? An analysis of longevity in the hominid fossil record. (available on the web: <http://www.paleoanthro.org/abst2003.htm>)
16. Lee S-H, Wolpoff MH (2003) The Late Pleistocene human species of Levant. *American Journal of Physical Anthropology Supplement* 36:137-138.
17. Hofbauer A, Ahern JCM, Lee S-H (2003) Craniofacial remodeling during adulthood: the supraorbital region. *American Journal of Physical Anthropology Supplement* 36:115.
18. Lee S-H, Wolpoff MH (2002) Evolutionary patterns in Pleistocene human brain size. *American Journal of Physical Anthropology Supplement* 34:100.
19. Lee S-H, Wolpoff MH (2002) Pattern of brain size increase in Pleistocene *Homo*. *Journal of Human Evolution* 42(3):A19-A20.
20. Lee S-H (2001) Patterns of skeletal sexual dimorphism in human, chimpanzee, and gorilla. *Journal of Human Evolution* 40(3):A13.
21. Lee S-H (1998) A new method to estimate sexual dimorphism in samples of unknown sex. *American Journal of Physical Anthropology Supplement* 26:148.
22. Ahern JCM, Hawks JD, Lee S-H (1998) Patterns of variation within two samples of south-central European Neandertals. *American Journal of Physical Anthropology Supplement* 26:61-62.

23. Lee S-H (1998) Evolutionary trends in sexual dimorphism of cranial capacity in Pleistocene Homo. *Journal of Human Evolution* 34(3):A12.
24. Lee S-H (1995) Variability in Australopithecus afarensis: Does sexual dimorphism explain the humeral variability in Australopithecus afarensis? *American Journal of Physical Anthropology Supplement* 20:132.
25. Lee S-H (1994) Patterns of evolution in Homo erectus cranial capacity. *American Journal of Physical Anthropology Supplement* 18:127-128.

FELLOWSHIPS AND GRANTS

1. National Research Foundation of Korea (한국연구재단) (2015) "Sociality of Funerary Remains: Collaborative Research of Physical Anthropology, and Quantitative and Spatial Archaeology with Reference to Prehistoric and Ancient Mortuary Practice of Korea" \$27,000 (co-PI)
2. Committee on Research Fellowship, University of California at Riverside (2013) "Modern Human Evolution in Northeast Asia" \$4,500
3. Resident Fellowship, Center for Ideas and Society, University of California at Riverside (2012) "Beyond Biology: Evolution of Culture, Politics, and Religion"
4. Information and Intelligent Systems, NSF #0803410 (2008-2011) "Tools to Mine and Index Trajectories of Physical Artifacts" \$805,000 (co-PI)
5. Committee on Research Fellowship, University of California at Riverside (2009, 2013, 2015)
6. Interdisciplinary Teams and Networks, University of California at Riverside (2007) "Data Mining in Native American Artifact Data Collections" \$9,751 (co-PI)
7. Regents' Faculty Fellowship, University of California (2002, 2005)
8. Academic Senate Research and Travel Grant, University of California at Riverside (2001, 2002, 2003, 2004, 2005, 2006, 2009, 2010, 2011, 2012, 2013, 2014, 2016)
9. Grants-in-Aid of Research, Sigma Xi (1997)
10. Barbour Scholarship, University of Michigan (1992)
11. Graduate Fellowship, Korean Foundation of Advanced Studies, Korea (1990-1992, 1994-1997)

PRESENTATIONS AT PROFESSIONAL MEETINGS

1. (with D Khorasani) Women in human evolution redux. Annual Meeting of the Paleoanthropology Society. Austin, Texas. 2018.
2. (with H Moon) Bioarchaeology of community in Korea: Is it feasible? Annual Meeting of the Western Bioarchaeology Group. Rohnert, California. 2016.
3. (with J Kim) Catacomb burials and mortuary practice in Caucasian Albania (Gabala, Azerbaijan). World Archaeology Congress, Kyoto, Japan. 2016.
4. (with K Reed, K Richardson) Pathologies from the human remains of the Early Bronze IB dolmen at Tall al-'Umayri, Jordan. Annual Meeting of the Western Bioarchaeology Group. Rohnert, California. 2016.
5. (with HW Lee) Defamiliarizing, unpacking, and rethinking modernity: a case of the Korean early Late Paleolithic. Annual Meeting of the American Anthropological Association. Denver, Colorado. 2015.
6. Archaic traits, modern humans. 7th International Symposium of the Asian Paleolithic Association. Kongju, Korea. 2014.

7. Patterns of human evolution in northeast Asia. International Symposium in Commemoration of the 90th Anniversary of the Discovery of the Shuidonggou. Yinchuan, China. 2013.
8. (with S Yi and D Tseveendorj) Salkhit and Human Evolution in Northeast Asia. Annual Meeting of the Society for American Archaeology. Honolulu, Hawaii. 2013.
9. (with JW Cade, E Keogh, and TT Rampley) Clovis tools or Clovis people? A new approach using time-series conversion and dynamic time warping. Annual Meeting of the American Association of Physical Anthropologists. Portland, Oregon. 2012.
10. (with Yi S) Salkhit and modern human origins in northeast Asia. Annual Meeting of the American Association of Physical Anthropologists. Portland, Oregon. 2012.
11. (with J Cade and Y Zhang) Patterns of sexual dimorphism in *Gigantopithecus blacki* dentition. Annual Meeting of the American Association of Physical Anthropologists. Minneapolis, Minnesota. 2011.
12. (with R Caspari and A van Arsdale) Implications of reduced mortality risk for late Pleistocene humans. Annual Meeting of the American Association of Physical Anthropologists. Albuquerque, New Mexico. 2010.
13. (with E Keogh, L Ye, and T Rampley) Automatic construction of typologies for massive collections of projectile points and other cultural artifacts. Annual International Conference on Computer Applications and Quantitative Methods in Archaeology, Williamsburg, Virginia. 2009.
14. (with R Caspari) Extracting adult survivorship information from fossil samples: the uses and limitations of OY ratios. Annual Meeting of the American Association of Physical Anthropologists. Chicago, Illinois. 2009.
15. Origin of modern humans in Northeast Asia. International Symposium on Paleoanthropology in Commemoration of the 80th Anniversary of the Discovery of the First Skull of Peking Man and the First Asian Conference on Quaternary Research. Beijing, China. 2009.
16. (with E Keogh, Q Zhu, X Wang, T Rampley) Towards indexing and data mining all the world's rock art. Annual International Conference on Computer Applications and Quantitative Methods in Archaeology, Williamsburg, Virginia. 2009.
17. Variation in life history variables. Annual Meeting of the American Association for the Advancement of Science. Chicago, Illinois. 2009.
18. A new approach to dental sexual dimorphism in the Krapina Neandertals. Annual Meeting of the American Association of Physical Anthropologists. Anchorage, Alaska. 2006.
19. How musical were the Neandertals? Call for an interdisciplinary collaboration. Sound, Environment and Connective Technology Symposium, Riverside, California. 2006.
20. (with D Frayer) Changes in sexual dimorphism in Europeans in the last 30,000 years. Annual Meeting of the American Association of Physical Anthropologists. Milwaukee, Wisconsin. 2005.
21. (with M Kesterke, JCM Ahern, and JD Hawks) Is the Vindija late Neandertal mandibular sample biased? Annual Meeting of the American Association of Physical Anthropologists. Milwaukee, Wisconsin. 2005.
22. (with R Caspari) Longevity in the Middle Paleolithic: Did modern humans live longer than Neandertals? Annual Meeting of the American Association of Physical Anthropologists. Milwaukee, Wisconsin. 2005.
23. (with D Frayer) Continuous changes in lower limb lengths of Upper Paleolithic Mesolithic Europeans. Annual Meeting of the Paleoanthropology Society. Montreal, Quebec, Canada. 2004.
24. (with R Caspari) Longevity and the evolution of modernity. Annual Meeting of the American Association of Physical Anthropologists. Tampa, Florida. 2004.
25. Sexual dimorphism in the Hadar *A. afarensis* sample: Another look. Annual Meeting of the American Association of Physical Anthropologists. Tampa, Florida. 2004.
26. (with R Caspari) Where in time are old hominids? Annual Meeting of the American Anthropological Association. Atlanta, Georgia. 2004.
27. (with A Hofbauer and JCM Ahern) Craniofacial remodeling during adulthood: the supraorbital

- region. Annual Meeting of the American Association of Physical Anthropologists. Tempe, Arizona. 2003.
28. (with R Caspari) Is old age really old? An analysis of longevity in the hominid fossil record. Annual Meeting of the Paleoanthropology Society. Tempe, Arizona. 2003.
 29. Is the variation in cranial capacity of the Dmanisi sample too high to be from one species? Annual Meeting of the Paleoanthropology Society. Tempe, Arizona. 2003.
 30. (with MH Wolpoff) The Late Pleistocene human species of Levant. Annual Meeting of the American Association of Physical Anthropologists. Tempe, Arizona. 2003.
 31. (with MH Wolpoff) Evolutionary patterns in Pleistocene human brain size. Annual Meeting of the American Association of Physical Anthropologists. Buffalo, New York. 2002.
 32. (with MH Wolpoff) Pattern of brain size increase in Pleistocene Homo. Annual Meeting of the Paleoanthropology Society. Denver, Colorado. 2002.
 33. Patterns of skeletal sexual dimorphism in human, chimpanzee, and gorilla. Annual Meeting of the Paleoanthropology Society. Kansas City, Missouri. 2001.
 34. (with Y Satta and N Takahata) Testing the multiregionality of modern human origins. Germany-Japan Seminar in Methods of Reconstructing Evolutionary History of Genes, Mishima, Japan. 2000.
 35. (with N Takahata) Constructing a database of human nucleotide diversity and a demographic model of the Multiregional hypothesis on modern human origins. Annual Meeting of the Genetics Society of Japan, Hiroshima, Japan. 1999.
 36. A new technique for estimating sexual dimorphism in samples of unknown sex. Annual Meeting of the American Association of Physical Anthropologists. Salt Lake City, Utah. 1998.
 37. Evolutionary Trends in sexual dimorphism of cranial capacity in Pleistocene *Homo*. Annual Meeting of the Paleoanthropology Society. Seattle, Washington. 1998.
 38. Human sexual dimorphism: an evolutionary approach. Korean Society of Cultural Anthropologists Meeting, Seoul, Korea. 1998. (in Korean)
 39. (with JCM Ahern and JD Hawks) Patterns of variation within two samples of south-central European Neandertals. Annual Meeting of the American Association of Physical Anthropologists. Salt Lake City, Utah. 1998.
 40. Variability in *Australopithecus afarensis*: Does sexual dimorphism explain the humeral variability in *Australopithecus afarensis*? Annual Meeting of the American Association of Physical Anthropologists. Oakland, California. 1995.
 41. Patterns of evolution in *Homo erectus* cranial capacity. Annual Meeting of the American Association of Physical Anthropologists. Denver, Colorado. 1994.
 42. Evolutionary trends in *Homo erectus* cranial capacity. Annual Meeting of the Paleoanthropology Society. Toronto, Canada. 1993.

TEACHING EXPERIENCE

Undergraduate Courses: Introduction to anthropology; Introduction to biological anthropology; Biomedical anthropology; Human evolution; Human microevolution; Human osteology; Research methods in biological anthropology

Undergraduate Seminars: Cannibalism; Myths, histories, and science of origins; Neandertals

Graduate Seminars: Breakthroughs in paleoanthropology in the 21st century; Darwinian medicine; Denisovans; Evolution of human life history; Modern human origins; Recent human evolution; Sex and human evolution; Women in human evolution

PROFESSIONAL SERVICE

1. American Anthropological Association (1997-), *life-time member*
 - Co-Chair, Co-Organizer, Scientific Approaches to Biological Anthropology: The Strange and Familiar, Executive Committee Sponsored Session, Annual Meeting of the American Anthropological Association. Executive Committee Sponsored Session. 2015.
 - Co-Chair, Co-Organizer, (Re)Discovery of Evidence in Biological Anthropology: A Critical View. Executive Committee Sponsored Session. 2016.
 - Secretary/Treasurer, Biological Anthropology Section, American Anthropological Association (December 2014-November 2017). Elected.
 - Member, W. W. Howells Book Prize Committee, Biological Anthropology Section, American Anthropological Association (December 2014-November 2017)
2. American Association of Physical Anthropologists (1990-), *life-time member*
 - Student Award Committee, Annual Meeting of the American Association of Physical Anthropologists. 2004, 2005, 2006.
 - Chair, Symposium on Sexual Dimorphism, Annual Meeting of the American Association of Physical Anthropologists. 2005.
 - Member, Program Committee, Annual Meeting of the American Association of Physical Anthropologists. 2011, 2012, 2014.
3. American Association for the Advancement of Science (2008-), member
 - Council Member, Pacific Division of the American Association for the Advancement of Science (June 2015-May 2018)
 - Chair, Anthropology/Archaeology Section, Pacific Division, AAAS (March 2015-June 2018). Elected.
4. European Society for the Study of Human Evolution (2012-), member
5. International Union of Anthropological and Ethnological Sciences (2013-), member
6. Korean Archaeological Society 한국고고학회 (2013-), member
7. Paleoanthropology Society (1992-), member
8. Paleopathology Association (1992-), member
9. Sigma Xi, The Scientific Research Society (2002-), member
 - Associate Director, Southwest Region, Sigma Xi (July 2015-June 2018). Elected.
10. Society for American Archaeology (2012-), member

UNIVERSITY SERVICE

1. Mentor, Association for Women in Science at UCR (2018-19)

PUBLIC OUTREACH

Talks

1. "Close Encounters with Humankind" Department of Anthropology, Colorado State University, Fort Collins, Colorado (10/11/18)

2. "Close Encounters with Humankind" Annual Marie Wormington Lecture, Denver Museum of Nature & Science, Denver, Colorado (10/11/18)
3. Human Origins 인류의 기원, Special Lecture, Korea Foundation for the Advancement of Science & Creativity (KOFAC; 한국과학창의재단) (8/30/18) (in Korean)
4. "Adaptation, Resilience, and Evolution" Annual Meeting of the Korean Women in Science and Engineering West Coast, San Diego, California (5/19/18)
5. "Close Encounters with Humankind" Cellar Door Books, Riverside, California (3/1/18)
6. "Close Encounters with Humankind" Town Hall Seattle, Seattle, Washington (2/21/18) (audio at <http://scienceths.libsyn.com/sang-hee-lee> or <https://townhallseattle.org/event/sang-hee-lee/>)
7. "Close Encounters with Humankind" Science on Tap, Vancouver, Washington (2/20/18)
8. "홍수아이 1 호의 인류학적 검토" 소로리범씨와 홍수아이: 우리 역사에 대한 인문학적 성찰. CBNU 학술포럼. 청주. "Anthropology of Hungsu Child No. 1" CBNU Special Forum, Chungbuk National University 충북대학교, Cheongju, Korea (1/18/18) (in Korean)
9. "Human Evolution in the 21st Century: Present and Future" 7th International Symposium of Science Museums, Daejeon, Korea (11/8/17) (in Korean)
10. "Turning Points in Paleoanthropology of the 21st Century" School of Dentistry, Yonsei University 연세대학교, Seoul, Korea (6/11/17) (in Korean)
11. "Turning Points in Paleoanthropology in 21st Century" Keynote Lecture, Annual Meeting of the Korean Association of Physical Anthropologists, Daejeon, Korea (6/8/17) (in Korean)
12. "Women in Human Evolution" Annual Meeting of the Korean Women in Science and Engineering West Coast, Los Angeles, California (5/20/17)
13. "Conflict in Human Evolution" Doosan Humanities Theatre 두산인문극장, Seoul, Korea (4/10/17) (in Korean)
14. "New and Recent Developments in Paleoanthropology", UCR Affiliates, University of California at Riverside (3/6/17)
15. "Ardi, Denisova, Lee Berger, Hobbit: New and Recent Developments in Paleoanthropology", Chungbuk National University 충북대학교, Cheongju, Korea (12/18/16) (in Korean)
16. "Hot Topics in Human Evolution" Osher Lifelong Learning Institute, University of California at Riverside Extension (11/8/16)
17. "Where Did We Come From, Where Are We Going?" Science and People 과학과 사람들, Seoul, Korea (7/19/16) (in Korean)
18. "Where Did We Come From, Where Are We Going?" Aju Medix 아주메디кс, Seoul, Korea (7/14/16) (in Korean)
19. "Human Evolution" Good Neighborhood Church, Los Angeles (4/22/16) (in Korean)
20. "Paleoanthropology of the 21st Century: Present and Future" National Research Institute of Cultural Heritage 문화재연구소, Daejeon, Korea (3/25/16) (in Korean)
21. "After Lucy: Paleoanthropology of the 21st Century" Lecture Series in History and Culture, Central Research Institute of Cultural Heritage 중앙문화재연구원, Cheongju, Korea (3/23/16) (in Korean)
22. "Paleoanthropology: Current State of Affairs" Anthropology Café, Gwa Hak Dong A 과학동아, Seoul, Korea (3/22/16) (in Korean)
23. "Paleoanthropology of the 21st Century: Present and Future" Department of Archaeology and Art History, Seoul National University 서울대학교, Seoul, Korea (3/15/16) (in Korean)
24. "Human Evolution" Science Talk, Seoul, Korea (12/16/2015) (in Korean)
25. "Patterns of Human Evolution in Northeast Asia" International Workshop of Archaeology "Archaeologies of Bones", Department of Archaeology and Art History, Chungbuk National University 충북대학교, Cheongju, Korea (6/21/13) (in Korean)

26. "Human Evolution in Northeast Asia" Department of Anthropology, University of California at San Diego (5/24/13)
27. "How Our Road to Humanity Began with Two Little Legs" Bowers After Hours, Bowers Museum (4/19/13)
28. "Modern Human Origins in Northeast Asia" EEOB Seminar, Department of Biology, University of California at Riverside (4/20/12)
29. "Paleoanthropology and Archaeology" Department of History, Kyunghee University 경희대학교, Seoul, Korea (9/14/11) (in Korean)
30. "Fundamentals of Human Evolution" Special Seminar, Department of Archaeology and Art History, Seoul National University 서울대학교, Korea (11/22/10~12/3/10)
31. "Changes in Brain Size and Human Evolution" Symposium *The Brain and Evolution*, Department of Anthropology, California State University at Fullerton (4/10/10)
32. "Evolution of Human Longevity" Biology Seminar, Department of Biology, University of California at Riverside (2/25/10)
33. "Excavating Data: Fossils in Human Evolution" Hewett Club Lecture Series, Department of Earth Sciences, University of California at Riverside (3/3/09)
34. "Old Is Young: Longevity in Human Evolution" Center for Behavior, Evolution, and Culture Speaker Series, UCLA (4/25/05)
35. "Old Is Young: Longevity in Human Evolution" Anthropology Club, Department of Anthropology, University of California at Riverside (2/10/05)
36. "Old Is Young: Longevity in Human Evolution" Biology Colloquium, Department of Biology, University of California at Riverside (11/18/04)
37. "Getting Old" Osher Lifelong Learning Institute, University of California at Riverside Extension (10/22/04)
38. "Biological Anthropology" Special Lectures, Department of Anthropology, Chonnam National University 전남대학교, Korea (Summer 2004)
39. "What Makes Us Humans?" GNUCR (Gangnam-University of California Riverside International Education Center), Korea (7/24/04)
40. "Bones" Honam Culture Research Center 호남문화재연구소, Korea (7/16/04) (in Korean)

Interviews

1. Science Fantastic, Michio Kaku, host (recorded 9/5/18, aired 9/8/18) (http://rss.gcnlive.com/scienceFantastic/media/2018-09-07_sciencefantastic0908181.mp3)
2. Cool Science Radio, John Wells and Lynn Ware Peek, hosts, KPCW, Park City, Utah (recorded 3/15/18) (<http://kpcw.org/post/cool-science-radio-march-15-2018>)
3. Pathways, Paul O'Brien, host (recorded 3/8/18) (<http://divination.com/pathways-podcast/our-evolving-species/>)
4. Arik Korman Show, Arik Korman, host, iHeartMedia (recorded 2/21/18) (<http://iheart.com/show/The-Arik-Korman-Show/>)
5. SisaIn, Kim Jong-Bae, host, Seoul, Korea (recorded live, aired 12/22/2015) (<http://www.podbbang.com/ch/7260?e=21854863>) (in Korean)
6. Let's Talk, Jerry Gordon, host, KVCR, Riverside, California (recorded live, aired 1/17/2005)
7. Don White, host, KFAX, Phoenix, Arizona (2003)
8. Invited panelist "Science Talk" Seoul, Korea (12/16/2015) (in Korean)

Interviews

1. Women News (여성신문), 9/12/2018 (in Korean) <http://www.womennews.co.kr/news/144517>
2. SisaIn (시사인), 4/8/2016 (in Korean)

<https://www.sisain.co.kr/?mod=news&act=articleView&idxno=25731>

Writings

1. 이상희. 2018. 인류의 기원. Horizon 5.
(<https://horizon.kias.re.kr/archives/allarticles/transdisciplinary/%EC%9D%B8%EB%A5%98%EC%9D%98-%EA%B8%B0%EC%9B%90/>)
2. Blog entry “For the love of....dog; or, a dog’s purpose” PowellsBooks.Blog (2/27/2018)
(<http://www.powells.com/post/original-essays/for-the-love-of-dog-or-a-dogs-purpose>)