

# VITA

## Brian E. Hemphill

### ADDRESS

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### EDUCATION

Ph.D. 1991 University of Oregon  
M.S. 1984 University of Oregon  
B.S. 1982 Portland State University  
Two Degrees: Anthropology & History (with Honors)

### HONORS AND AWARDS

2019 Fulbright Specialist Program, "Establishment of Modern Dental Anthropological Investigation in Northeast India: Training and Application." North-east Hill University, Shillong, Meghalaya (\$10,846.00)

2014-15 Fulbright-Nehru Senior Research Fellowship, "A Dental Morphometric Examination of the Distinctiveness and Affinities of Austro-Asiatic- and Tibeto-Burman-speaking Ethnic Groups of South Asia." Shillong, Meghalaya, Manipur, Assam, Nagaland, Arunachal Pradesh, Sikkim, Madhya Pradesh, Chhattisgarh, Jharkand, India. (\$42,000.00)

2011 Faculty Advisor Award. McNair Scholarship Foundation. Amber Barton (student). "An Odontometric Investigation of Biological Affinities of the Yashkuns of Northern Pakistan." (\$1,300.00)

2011 Faculty Advisor Award. McNair Scholarship Foundation. Maria del Carmen Guzman (student). "An Odontometric Investigation of the Baltis of Partuk, Gilgit-Baltistan, Pakistan: A Tibeto-Burman-speaking Population of the Karakoram Highlands." (\$1,300.00)

2010 Senior Research Award, "Ethnogenetic Elaboration of NWFP through Dental Morphology and DNA." Government of Pakistan, Higher Education Commission (Dr. Habib Ahmad, Co-Principal Investigator, \$62,060.00).

HONORS AND AWARDS (cont.)

- 2009 Faculty Research Award for research on the dental genetics of prehistoric and living ethnic groups of the Indian subcontinent and their implications for the population history of South Asia.
- 2009 Central Valley Tribal Collaboration "EJ" Planning GIS-based Archaeological Sensitivity Project. Tubatulabals of Kern County (\$44,300.00)
- 2007 Vice Chancellor's Discretionary Collaborative Research Award, "A Dental Investigation of the Biological Origins and Interactions of the Ethnic Groups of Northern Pakistan." Hazara University, Mansehra, NWFP, Pakistan (\$4,672.68).
- 2007 Research Council of the University Award, "A Dental Investigation of Biological Affinities among Ethnic Groups of Northern & Southern Pakistan." (\$5,000.00)
- 2007 Faculty Advisor Award. McNair Scholarship Foundation. Chad Willis (student), "An Odontometric Investigation of the Biological Origins of the Burusho: Speakers of a Language Isolate in the Karakoram Highlands of Northern Pakistan". (\$3000.00)
- 2007 Faculty Advisor Award. McNair Scholarship Foundation. Amanda Camp (student), "A Dental Morphological Investigation of the Chengazi: Are they the Descendants of Ghengis Khan's Army?" (\$3000.00)
- 2005 Research Council of the University Award, "An Examination of Population Dynamism in Chitral District, Northwest Frontier Province, Pakistan" (\$3,661.00)
- 2004 Research Council of the University Award, "A Skeletal Investigation of Population Interactions across the Indo-Iranian Borderlands during the Late Bronze Age and Early Iron Age. (\$4,311.80)
- 2001 University Research Council Award, "Assessment of Mobility among Fremont Culture Villagers: An Osteoarthritis Approach." (\$2,529.17)
- 1997 Mellon Foundation Research Award, "A Human Biological Investigation of the Rise and Fall of the Oxus Civilization Populations." (\$3,325.00)
- 1997 John Templeton Foundation Fellowship, for outstanding courses in natural science and religion (\$10,000.00)
- 1997 Special Commendation, College Program Committee, Social Science Division, Vanderbilt University, for outstanding treatment of written assignments in Anth 103: Origins and Evolution of Human Culture (Fall Semester, 1996).
- 1996 American Institute of Indian Studies, Senior Research Fellowship, "Biological Adaptations and Affinities among Social Groups of Southeastern and West-Central India." (\$12,000.00)
- 1996 University Research Council Award, "Investigation of Biological Adaptations and Affinities of the Inhabitants of Tepe Hissar (northwestern Iran)." (\$3,001.64)
- 1995-6 Lilly Teaching Fellowship. Lilly Foundation. (\$5,000.00)

HONORS AND AWARDS (cont.)

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| 1994 | University Research Council Award, Vanderbilt University, "Biological Interactions and Affinities of Ancient Urban Populations in south Central Asia (Uzbekistan)." (\$8,046.41) |
| 1994 | Mellon Foundation Research Award, "Inquiries into Biological Interactions among Ancient Populations across the Indo-Iranian Borderlands." (\$997.00)                             |
| 1988 | Certificate of Merit for Outstanding Performance as District Archaeologist. USDA Forest Service, Lakeview Ranger District, Lakeview, Oregon.                                     |
| 1986 | Homer G. Barnett Fellowship for Outstanding Graduate Student in Anthropology. University of Oregon, Department of Anthropology (Academic Year 1986-87).                          |
| 1983 | Member of Phi Gamma Mu, Honor Society for Social Scientists.   |
| 1982 | Member of Pi Alpha Theta, Honor Society for Historians.  |
| 1982 | University Honors for Academic Excellence, Portland State University, Anthropology and History.  |

ADMINISTRATIVE AND SUPERVISORY EXPERIENCE**Chair, College of Liberal Arts Curriculum Council (2016-Present)**

Responsible for reviewing course proposals and proposals for programmatic changes arising from the College of Liberal Arts. This usually involves some 60 proposals per academic year and involves coordination with between one and three fellow members of the Curriculum Council.

**Member, Faculty Senate University-wide Undergraduate Curriculum Committee (2016-Present)**

Responsible for reviewing course proposals and proposals for programmatic changes across the university. This usually involves about 30 proposals per academic year and is largely undertaken as an individual effort.

**Director, Centre for South Asian Dental Research (2007-Present)**

Supervision of five individuals. Responsible for administration of a research center focusing on dental variation among members of the various ethnic groups of India, Pakistan, Nepal, Sikkim, Bhutan, Bangladesh, and Sri Lanka. The Centre houses the dental casts of over 5,000 living individuals from these countries. This cast collection, already one of the largest in the world, will triple in size as a result of my recent Senior Research Award from the Fulbright Foundation (see Principal Investigator below). The Centre has a modest operating budget of \$5,000 per annum not including various in-kind contributions from students, faculty, staff and the university. The Centre has been responsible for six (6) student research scholars, 12 presentations at national meetings, 16 presentations at international forums, and five (5) publications in only the five years of its existence.

**WASC Committee 1B Co-Chair —Academic Programs (2009-2010)**

I have served as the co-chair of the committee responsible for reporting the educational effectiveness of the academic programs at CSUB for the Western Association of Colleges and Schools (WASC). I oversaw a committee of 18 individuals and shepherded through the Capacity and Performance Review.

**Chair, University Program Review Committee (2005-2007, 2009, 2012)**

Supervision of committee of nine individuals. Review of all academic programs on campus. Formulation of recommendations to the Provost for program improvement. During my tenure as chair the performance of this committee attained its greatest efficiency in university history, increasing its productivity by 42%.

## ADMINISTRATIVE AND SUPERVISORY EXPERIENCE (cont.)

### **Director, Southern San Joaquin Valley Information Center (2008-2013)**

The Southern San Joaquin Valley Information Center is responsible, under the direction of the State of California Office of Historic Preservation, to maintain the archaeological and historic site records for five (5) counties (Fresno, Kern, Kings, Madera, and Tulare). The Center generates nearly \$200,000 in revenue per year. When appointed as Coordinator, the Center was \$71,000 in debt. Over the course of the last two fiscal years this debt has been retired, the Center is now profitable, we have converted site records of our largest county (Kern) to digital records, and the Center can now afford an additional part-time employee.

### **Anthropology Program Coordinator (2001-2013)**

Supervision of four colleagues. Responsible for course planning, enrollment management and liaison with the Department Chair. Responsible for five-year program review, approval of articulation agreements, and student petitions (both undergraduate and graduate). Under my direction, the Anthropology faculty has received three university-wide awards for teaching and research excellence, 11 student papers have been delivered at national meetings, five students have received McNair awards, and 14 students have received Student Research Scholarships. Further, two students received grants under the National Science Foundation for participation in the Ernst Mayr gathering for population genetic research at University of California, Irvine, while 11 students have had the opportunity to either conduct research in the field overseas in Egypt, Pakistan and India or at the University of Pennsylvania.

### **Principal Investigator (1994-Present)**

Over the course of the last 27 years I have administered an array of grants and supervised individuals under a wide array of challenging environments in Uzbekistan, Turkmenistan, Russia, Pakistan and India. I have brought every project in under budget and have supervised an array of individuals from many countries. Overall, these activities involved nearly \$270,000. I was awarded a Senior Research Award from the Higher Education Commission, Government of Pakistan with a budget of Rs 6,000,000 (\$62,060). This research involved the collection of thousands of dental casts and DNA samples from a wide array of ethnic groups of Khyber Pakhtunkhwa Province, Pakistan. I will be co-supervising the overall project with Dr. Habib Ahmad (Vice Chancellor, Hazara University), which will involve a staff of some 25 individuals, encompassing four (4) field collection teams and five (5) laboratory staff. I was recently awarded a Senior Research Fellowship from the Fulbright Foundation that provided the financial support for in nine months of fieldwork in northeastern and east-central India and which resulted in the collection of dental casts of some 10,196 individuals.

### **Community Forensic/NAGPRA Coordinator (1984-Present)**

Over the course of the last 25 years I have served as a liaison between Native American tribes, archaeologists, and law enforcement agencies in the treatment and repatriation of human skeletal remains. These activities have involved negotiations between parties often at odds under emotionally charged circumstances. I have been successful at resolving potential conflicts to the satisfaction of all parties concerned in four states (Oregon, Washington, Tennessee, California). These activities have involved supervision of Native American, archaeological and law enforcement personnel, instruction and application of appropriate federal and state statutes, analysis of human skeletal and dental remains, and their ultimate disposition to the mutual satisfaction of all concerned parties.

### **President, Dental Anthropology Association (2007-2010)**

I have served as the president of the largest association of dental anthropologists in the world. I am responsible for setting forth policy, conducting annual meetings, soliciting manuscripts for the journal *Dental Anthropology*, encouraging membership in the association, and supervising selection of the annual Albert Dahlberg Award for the most outstanding student manuscript in dental anthropology.

### **Grant Coordinator (2008-2010)**

I served as the grant coordinator for an environmental justice contract from the Tubatulabals of Kern County for the development of a GIS-based archaeological sensitivity map for Kern County. This activity has led to management of a budget of \$44,000, supervision of five (5) individuals and coordination with an array of Native American and governmental entities in the southern San Joaquin Valley.

ADMINISTRATIVE AND SUPERVISORY EXPERIENCE (cont.)**Faculty Advisor (1994-Present)**

Over the course of the last 15 years I have served as faculty advisor for a number of student clubs. I served as the faculty advisor for the Indian Student Union at Vanderbilt University from 1994 to 1999. I served as the faculty advisor for the Anthropology Club at California State University from 2003 to 2007 and from 2008 to 2013.

TEACHING EXPERIENCE

- 2013-Present Associate Professor, University of Alaska, Fairbanks. Courses taught: \*ANTH F221: Fundamentals of Biological Anthropology, \*ANTH F352: Native Peoples of North America, \*ANTH F411: Senior Seminar in Anthropology, ANTH F422/F625: Human Osteology, \*ANTH F424/F624: Analytical Techniques, \*ANTH F423/F623: Human Origins, \*ANTH F426: Bioarchaeology, \*ANTH F427/F627: The Anthropology of Death.
- Courses marked with an asterisk are completely online and hence are available for the new online BA program in Anthropology.
- 2007-2013 Professor, California State University, Bakersfield. Courses taught: ANTH 100: Introduction to Cultural Anthropology, ANTH 102: Introduction to Biological Anthropology, ANTH 121: Critical Thinking in Anthropology—Amazing Archaeology, ANTH 252: Native Peoples of North America, ANTH 302: Human Osteology, ANTH 306: Primate Behavior, ANTH 404: Human Evolution, ANTH 405: Bioarchaeology, ANTH 406: Primate Evolution, ANTH 410: The Archaeology of Death, ANTH 475: Prehistory of North America, ANTH 490: Senior Seminar in Anthropology, ANTH 535: Seminar in Biological Anthropology.
- 2001-2007 Associate Professor, California State University, Bakersfield. Courses taught: ANTH 100: Introduction to Cultural Anthropology, ANTH 102: Introduction to Biological Anthropology, ANTH 121: Critical Thinking in Anthropology—Amazing Archaeology, ANTH 252: Native Peoples of North America, SOC 300: Research Methods, ANTH 302: Human Osteology, ANTH 306: Primate Behavior, ANTH 404: Human Evolution, ANTH 405: Bioarchaeology, ANTH 406: Primate Evolution, ANTH 535: Seminar in Biological Anthropology.
- 1999-2001 Instructor, California State University, Bakersfield. Courses taught: ANTH 100: Introduction to Cultural Anthropology, ANTH 102: Introduction to Biological Anthropology, ANTH 120: Critical Thinking and the Evolution/Scientific Creationism Debate, ANTH 252: Native Peoples of North America, ANTH 404: Human Evolution, SOC 300: Research Methods.
- 1993-9 Assistant Professor, Vanderbilt University. Courses taught: ANTH 103: Origins and Evolution of Human Culture, ANTH 106: Evolution and Creationism, ANTH 235: Peoples of South Asia, ANTH 270: Human Osteology, ANTH 271: Human Evolution, ANTH 272: Human Variation, ANTH 370: Graduate Seminar in Biological Anthropology.
- 1992-3 Assistant Professor, Moorhead State University. Courses taught: ANTH 111: Introduction to Human Evolution and Prehistory, ANTH 310: Human Evolution, ANTH 401: Seminar on the Anthropology of Warfare, ANTH 305: Primate Behavior, ANTH 335: Humans, Culture and Environment, ANTH 235: Peoples and Cultures of South Asia, ANTH 445: Seminar in Palaeoprimatology.

TEACHING EXPERIENCE

- 1985-7 Instructor, University of Oregon. Courses taught: ANTH 322: Human Biological Variation, ANTH 323: Human Osteology, ANTH 110: Introduction to Physical Anthropology.
- 1983-5 Graduate Teaching Fellow, University of Oregon. Courses taught: ANTH 105: Monkeys and Apes, ANTH 110: Introduction to Physical Anthropology, ANTH 375: Monkey and Ape Societies, ANTH 320: Human Evolution.

FIELD RESEARCH

- 2019 Principal Investigator, "Investigation of Three Ethnic Groups of Nagaland, Northeastern India: A Comparative Odontometric and Dental Morphological Investigation. Shillong, Meghalaya, India. 05/25/2019 – 07/22/2019.
- 2014-15 Principal Investigator, "A Dental Morphometric Examination of the Distinctiveness and Affinities of Austro-Asiatic- and Tibeto-Burman-speaking Ethnic Groups of South Asia." Shillong, Meghalaya, Manipur, Assam, Nagaland, Arunachal Pradesh, Sikkim, Madhya Pradesh, Chhattisgarh, Jharkand, India. 8/27/2014 – 6/12/2015.
- 2012 Co-Principal Investigator, "Ethnogenetic Elaboration of NWFP through Dental Morphology and DNA." Abbottabad, Battagram, Haripur, Mansdehra, Khyber Pakhtunkhwa, Pakistan. 8/02/2012 – 9/14/2012..
- 2009 Principal Investigator, Building Collaborative Dental Casting Partnerships, New Delhi, Pune, Baroda, Chandigarh, Kolkata, Shillong, Visakhpatnam, Hyderabad, Kochi, Madurai, Chennai, Bangalore, India. 7/01/2009 – 8/16/2009.
- 2008 Principal Investigator, A Dental Investigation of Biological Affinities among Ethnic Groups of the Northern Areas, Pakistan, Gilgit, Skardu, Khaplu, Tse Tsetang, Daghoni, Sost, Karimabad, Northern Areas, Pakistan. 7/03/2008 – 8/31/2008
- 2007 Principal Investigator, A Dental Investigation of Biological Affinities among Ethnic Groups of Northern & Southern Pakistan, Mansehra, Balakot, N.W.F.P, Chitral, Madaklasht, Mastuj, Drosh, Chitral District, Gilgit, Skardu, Hunza, Northern Areas, Pakistan. 04/11/2007 – 09/04/2007
- 2005 Principal Investigator, Ethnic Diversity in the Hindu Kush Borderlands and Ethnic Identity of the Gandharan Grave Culture, Chitral, Booni, Rumbhur, Peshawar, Northwest Frontier Province, Pakistan. 07/01/2005 – 7/31/2005.
- 2004 Principal Investigator, Ethnic Diversity in the Hindu Kush Borderlands and Ethnic Identity of the Gandharan Grave Culture, Chitral, Mastuj, Peshawar, Northwest Frontier Province, Pakistan. 06/21/2004 – 7/28/2004.
- 1997 Principal Investigator, Vanderbilt University Expedition to Central Asia. Gonur depe, Turkmenistan, Moscow, Russia. 09/05/1997 – 11/18/1997.
- 1994 Principal Investigator, Vanderbilt University Expedition to Central Asia and Russia. Samarkand, Uzbekistan, Moscow and St. Petersburg, Russia. 05/10/1994 – 7/10/1994.

FIELD RESEARCH (cont.)

- 1994 Principal Investigator, Mellon Foundation Expedition to Pakistan. Karachi, Sindh Province, Pakistan.
- 1992 Forensic Anthropological Consultant, Eugene Police Department, Eugene, Oregon.
- 1991 Physical Anthropologist, Newport Burial Recovery Project, Heritage Research Associates.
- 1991 Forensic Anthropological Consultant, Deer Creek Site Investigation, USDI Bureau of Land Management, Baker City, Oregon.
- 1990 Physical Anthropologist, Malheur Lake Burial Recovery Project, State of Oregon, Historic Preservation Office.
- 1989 Physical Anthropologist, Crate's Point Archaeological Project, Heritage Research Associates.
- 1989 Physical Anthropologist, Malheur Lake Burial Recovery Project, U.S. Dept. of Interior, Fish and Wildlife Service.
- 1989 Physical Anthropologist, Williamson River Project, Oregon State Museum of Anthropology.
- 1989 District Archaeologist (GS-7), Lakeview Ranger District, Fremont National Forest.
- 1988 Physical Anthropologist, Malheur Lake Project, Heritage Research Associates.
- 1988 District Archaeologist (GS-7), Lakeview Ranger District, Fremont National Forest.
- 1988 Physical Anthropologist, National Geographic Society Research Project to India. University of Allahabad, Allahabad, Uttar Pradesh, India.
- 1988 Physical Anthropologist, University of California Expedition to Pakistan. Harappa, Punjab Province, Pakistan.
- 1987 District Archaeologist (GS-7), Lakeview Ranger District, Fremont National Forest.
- 1987 Physical Anthropologist, Narrows Site, Roseburg District, U.S. Dept. of Interior, Bureau of Land Management.
- 1987 Physical Anthropologist, University of California Expedition to Pakistan. Harappa, Punjab Province, Pakistan.
- 1987 Physical Anthropologist, National Geographic Society Research Project to Pakistan. Karachi, Sindh Province, Pakistan.
- 1986 Physical Anthropologist, Elk Creek Dam Project (35JA27a) Infotec Research Inc.
- 1986 Physical Anthropologist, Yaquina Head Project (35LNC63), Heritage Res. Assoc.
- 1986 Archaeologist, Christmas Valley Project, Heritage Research Associates.
- 1985 District Archaeologist (GS-5), Lakeview Ranger District, Fremont National Forest.

FIELD RESEARCH (cont.)

- 1984 Field Assistant, Lake Abert Lowland Archaeological Survey, Oregon State Museum of Anthropology.
- 1983 Field Worker, Marysville Dump Site Excavation, Oregon State Museum of Anthropology.
- 1983 Field Worker, Northern Arizona University Field School, Flagstaff, Arizona.
- 1983 Field Worker, Dietz Site Project, Oregon State Museum of Anthropology.

MUSEUM RESEARCH

- 2010 Principal Investigator, Health, Trade and Inter-regional Contacts among Early Iron Age Inhabitants of the Solduz-Ushnu Valley, Azerbaijan Province, Iran. Laboratory of Biological Anthropology, University Museum of Anthropology and Archaeology, University of Pennsylvania, Philadelphia.
- 2001 Principal Investigator, Mobility and Dietary Behavior among Fremont Complex Horticulturalists. University of California, Los Angeles, Laboratory of Physical Anthropology, Los Angeles, California and University Museum, University of Utah, Salt Lake City, Utah.
- 1998 Principal Investigator, Great Salt Lake Wetlands Project. Utah State University, Laboratory of Physical Anthropology, Logan, Utah.
- 1997 Principal Investigator, Microevolutionary Differentiation and Continuity at Tel al-Duweir (Lachish), Palestine. British Museum of Natural History, London, Great Britain.
- 1996 Principal Investigator, Biological Adaptations and Affinities of the Bronze Age Inhabitants of Tepe Hissar (Northwestern Iran). University Museum of Archaeology and Anthropology, University of Pennsylvania, Philadelphia, Pennsylvania.
- 1991-2 Physical Anthropologist, Malheur Lake Project, U.S. Fish and Wildlife Service.
- 1990 Osteological Consultant, Oregon State Police, Coos Bay District Office.
- 1989 Research Assistant, Pistol River Project (35CU61), Oregon State Museum of Anthropology.
- 1988 Research Assistant, Wildcat Canyon Project (35GM9), Oregon State Museum of Anthropology.
- 1987 Osteological Consultant, North Bonneville Project (45SA11), Heritage Research Associates.
- 1987 Research Assistant, Wildcat Canyon Project (35GM9), Oregon State Museum of Anthropology.
- 1987 Osteological Consultant, Round Butte Dam Project (35JE41, 35JE52), Prineville District, U.S. Dept. of Interior, Bureau of Land Management.



MUSEUM RESEARCH (cont.)

1986 Research Assistant, Odontometry of Modern Gujaratis (Northwest India) Project, Laboratory of Physical Anthropology, University of Oregon.

PROFESSIONAL ASSOCIATION MEMBERSHIPS

1985-Present American Association of Physical Anthropologists  
 1988-Present Society for the Study of Evolution  
 1991-Present Dental Anthropology Association  
 1991-2020 American Academy of Forensic Sciences

UNIVERSITY AND PROFESSIONAL SERVICE

2017-Present Chair, Curriculum Council, College of Liberal Arts, UAF  
 2017-Present Member, University-wide Undergraduate Curriculum Committee, UAF  
 2010-Present Director, Centre for South Asian Dental Research  
 2009-Present Associate Editor, *Pakistan Heritage*  
 2018-2022 Coordinator, Bachelor of Science, Department of Anthropology, UAF  
 2012-2020 Associate Editor, *American Journal of Physical Anthropology*  
 2015-2018 Graduate Program Coordinator, Anthropology Department, UAF  
 2001-2013 Anthropology Program Coordinator, California State University, Bakersfield  
 2008-2013 Coordinator, Southern San Joaquin Valley Information Center  
 2011-2013 Member, Academic Senate  
 2012-2013 Chair, Faculty Affairs Committee, Academic Senate  
 2009-2014 Associate Editor, *Dental Anthropology*  
 2009-2010 Chair, University Program Review Committee  
 2007-2010 President, Dental Anthropology Association  
 2006-2007 President-elect, Dental Anthropology Association  
 2016-2017 Member, University Program Review Committee, UAF  
 2015-2017 Member, Curriculum Council, College of Liberal Arts, UAF  
 2009-2010 Co-chair WASC Committee 1B—Academic Programs  
 2006-2008 Member, College of Humanities & Social Sciences Curriculum Committee  
 2005-2007 Chair, University Program Review Committee  
 2003-2005 Member, University Program Review Committee  
 2001-2004 Chair, Gender, Race and Ethnicity Committee

BOOKS AND MONOGRAPHS

1999 B.E. Hemphill and C.S. Larsen (eds.), *Understanding Prehistoric Lifeways in the Great Basin Wetlands: Bioarchaeological Reconstruction and Interpretation*. Salt Lake City: University of Utah Press.

1994 Hemphill, B.E. *An Osteological Analysis of the Human Remains from Malheur Lake, Oregon. Volume I: HRA Field Seasons 1988-90*. Portland: U.S. Fish & Wildlife Service, Cultural Resource Series Number 6a.

1994 Hemphill, B.E. *An Osteological Analysis of the Human Remains from Malheur Lake, Oregon. Volume II: Refuge Field Season 1990*. Portland: U.S. Fish & Wildlife Service, Cultural Resource Series Number 6b.

1994 Hemphill, B.E. *An Osteological Analysis of the Human Remains from Malheur Lake, Oregon. Volume III: Refuge Field Season 1991*. Portland: U.S. Fish & Wildlife Service, Cultural Resource Series Number 6c.

BOOKS AND MONOGRAPHS (cont.)

- 1992 R. Minor, B.E. Hemphill and R. Greenspan. *Archaeological Investigations at the Oregon Coast Aquarium, Yaquina Bay, Oregon*. Eugene, Heritage Research Associates Report No. 120.
- 1991 Hemphill, B.E. *A Forensic Analysis of the Skeletal Remains of Case No. 90-8564*. Eugene: Heritage Research Associates, Forensic Report No. 91-1.
- 1991 Hemphill, B.E. *An Osteological Analysis of Burials from 35LNC16, Yaquina Bay, Central Oregon Coast*. Eugene: Heritage Research Associates, Report No. 108.
- 1990 Minor, R. and B.E. Hemphill. *Archaeological Assessment of the Crates Point Site (35WS221), Wasco County, Oregon*. Eugene: Heritage Research Associates, Report No. 90.
- 1987 Hemphill, B.E. *An Osteological Analysis of Skeletal Remains from 45SA11, North Bonneville, Washington*. Eugene: Heritage Research Associates, Report No. 66.

PUBLISHED ARTICLES (Names in **Bold** represent students or former students)

- 2022 **Tariq, M.**, Ahmad, H., Hemphill, B.E., Farooq, U., and Schurr, T.G. Contrasting Maternal and Paternal Genetic Histories among Five Ethnic Groups from Khyber Pakhtunkhwa, Pakistan. *Current Reports* **12**: 1027
- 2021 **Zubair, M.**, Ahmad, H., Hemphill, B.E., **Tariq, M.**, and Shah, M. Identification of Genetic Lineage of Peshawar and Nowshera Tribes through Dental Morphology. *Pakistan Journal of Zoology* **28**: 1-11
- 2020 **Zubair, M.**, Hemphill, B.E., Schurr, T.G., **Tariq, M.**, Ilyas, M., and Ahmad, H. Mitochondrial DNA diversity in the Khattak and Khesghi of the Peshawar Valley, Pakistan. *Genetica* **148**(3-4): 195-206.
- 2018a Hemphill, B.E. In: Frenez, D., Jamison, G.M., Law, R.W., Vidale, M. and Meadow, R.H. (eds.), Who Were the 'Massacre Victims' at Mohjenjo-daro? A Craniometric Investigation. *Walking with the Unicorn: Social Organization and Material Culture in Ancient South Asia*. Oxford: Archaeopress, pp. 210-250.
- 2018b Hemphill, B.E. Origins and Interactions of the Ethnic Groups of Greater Dardistan I: A Tooth Size Allocation Analysis of the Khow of Chitral District. *Ancient Pakistan* **29**: 1-78.
- 2018c de Barros Damgaard, P, Martiniano, R., Kamm, J., Moreno-Mayar, J. (and 47 others) The first horse herders and the impact of early Bronze Age steppe expansions in Asia. *Science* **360**(6396): eaar7711.
- 2017a Hemphill, BE, Zahir, M, Ali I. Skeletal analysis of Gandharan graves at Shah Mirandeh, Singoor, Chitral. *Ancient Pakistan* **28**: 1-59.
- 2017b Ullah, I., Olofsson, J.K., Margaryan, A., Ilardo, M. (and 10 others). High-Y-chromosomal differentiation among ethnic groups of Dir and Swat districts, Pakistan. *Annals of Human Genetics* **81**: 234-248.

PUBLISHED ARTICLES (cont.)

- 2017c **Ullah, I.**, Ahmad, H. Hemphill, B.E., Nadeem M.S., **Tariq, M.**, **Tabassum, S.** Mitochondrial Genetic Characterization of Gujar Population Living in the Northwest Areas of Pakistan. *Advancements in Life Sciences* 4(3):84-91.
- 2016a Hemphill, BE. Measurement of Tooth Size (Odontometrics). In Irish JD & Scott GR (eds.), *A Companion to Dental Anthropology*. Malden, MA: John Wiley & Sons, pp. 287-310.
- 2016b Hemphill, BE. Assessing Odontometric Variation among Populations. In Irish JD & Scott GR (eds.), *A Companion to Dental Anthropology*. Malden, MA: John Wiley & Sons, pp. 311-336.
- 2016c Irish, J.D., Hemphill, B.E., de Ruiter D.J., Berger, L.R. The Apportionment of Tooth Size and its Implications in *Australopithecus sediba* versus other Plio-pleistocene and Recent African Hominins. *American Journal of Physical Anthropology* 161(3):398-413.
- 2016d **Akbar, N.**, Ahmad, H., Nadeem, M.S., Hemphill, B.E., Muhammad K., Ahmad, W., Ilyas M. HVSI Polymorphism Indicates Multiple Origins of mtDNA in the Hazarewal Population of Northern Pakistan. *Genetics and Molecular Research* 15(2): gmr.15027167.
- 2016e **Tariq, M.**, Ahmad, A., Hemphill B.E., Sadia, N. Ilyas M., **Inamullah**, Fazal N. Genetic Variation among Members of the Major Ethnic Groups of the Himalayan Region of Khyber Pakhtunkhwa. *Conservation Biology of Pakistan* 1(1):1-8.
- 2014 Hemphill, B.E. A Fool's Mission? A Test of Three Common Assumptions in Dental Metric Analyses. *Dental Anthropology* 26(3): 16-30.
- 2013a Hemphill, B.E. Grades, Gradients, and Geography: A Dental Morphometric Approach to the Population history of South Asia. In: G.R. Scott and J.D. Irish (eds.), *Anthropological Perspectives on Tooth Morphology: Genetics, Evolution, Variation*. Cambridge: Cambridge University Press, pp. 341-387.
- 2013b Hemphill, B.E. A View to the North: Biological Interactions across the Intermontane Borderlands during the Last Two Millennia B.C. In: M. Tosi and D. Frenez (eds.), *South Asian Archaeology 2008, Volume I*. Oxford: Archaeopress-BAR, pp. 117-126.
- 2013c Hemphill, B.E., I. Ali, **S. Blaylock**, **N. Willits**. Are the Kho an Indigenous Population of the Hindu Kush?: A Dental Morphometric Approach. In: M. Tosi and D. Frenez (eds.), *South Asian Archaeology 2008, Volume I*. Oxford: Archaeopress-BAR, pp. 127-137.
- 2012 Hemphill, B.E. Tooth Size, Crown Complexity, and the Utility of Combining Archaeologically-Derived Samples with Living Samples for Reconstruction of Population History. *Pakistan Heritage* 4: 49-85.
- 2011 Hemphill, B.E. Dental Anthropology of the Madaklasht: II. A Comparative Analysis of Morphological Variation—Are the Madaklasht an Intrusive Population in Northern Pakistan? *Pakistan Heritage* 3: 1-77.

PUBLISHED ARTICLES (cont.)

- 2010 Hemphill, B.E. Dental Anthropology of the Madaklasht I: A Description and Analysis of Variation in Morphological Features of the Permanent Tooth Crown. *Pakistan Heritage* 2: 1-36.
- 2009 Hemphill, B.E. Bioarchaeology of the Hindu Kush Borderlands: A Dental Morphology Investigation. *Pakistan Heritage* 1: 19-36.
- 2008 Hemphill, B.E. Dental Pathology Prevalence and Pervasiveness at Tepe Hissar: Statistical Utility for Investigating Inter-relationships between Wealth, Gender and Status. In J. Irish and G.C. Nelson (eds.), *Technique and Application in Dental Anthropology*. Cambridge: Cambridge University Press, pp. 178-215.
- 2007 Larsen, C.S., Kelly, R.L., Ruff, C.B., Schoeninger, M.J., Hutchinson, D.L., Hemphill, B.E. Biobehavioral Adaptations in the Western Great Basin. In: E.J. Reitz, S.J. Scudder and C.M. Scarry (eds.), *Case Studies in Environmental Archaeology*. 2<sup>nd</sup> Edition. New York: Springer Science, pp. 161-189.
- 2006 Larsen, C.S. and B.E. Hemphill. Bioarchaeology of the North American Great Basin. In: D.H. Ubelaker (ed.), *Handbook of North American Indians, Volume 3: Environment, Origins, and Population*. Washington, D.C.: Smithsonian Institution Press, 581-589.
- 2005 Ali, I., B.E. Hemphill and M. Zahir. Skeletal Analysis of Gandharan Graves at Parwak, Chitral (2003-04). *Frontier Archaeology* 3:183-226.
- 2004a Hemphill, B.E. and J.P. Mallory. Horse-Mounted Invaders from the Russo-Kazakh Steppe or Agricultural Colonists from Western Central Asia? A Craniometric Investigation of the Bronze Age Settlement of Xinjiang. *American Journal of Physical Anthropology* 124(3):199-222.
- 2004b Irish, J.D. and B.E. Hemphill. An Odontometric Investigation of Canary Islander Origins. *Dental Anthropology* 17(1):8-18
- 2002 Hemphill, B.E. Review of The Anthropology of Modern Human Teeth: Dental Morphology and Its Variation in Recent Human Populations by G.R. Scott and C.G. Turner II. *Journal of Anthropological Research* 58(3):412-414.
- 2001a Hemphill, B.E. Do Foreign Artifacts Mean Foreign People? A Technique for analyzing Anomalous Burials in a Bronze Age Cemetery. In: M. Taddei and G. De Marco (eds.), *South Asian Archaeology 1997*. Rome: Istituto Italiano per L'Africa e L'Oriente, pp. 409-435.
- 2001b Review of God-Apes and Fossil Men: Paleoanthropology in South Asia by K.A.R. Kennedy. *American Journal of Physical Anthropology* 116(4): 303-305.
- 2001c Irish, J. and B.E. Hemphill. Les Canaries Ont'elles été Colonisés par les Berbères d'Afrique du Nord? La Contribution de l'Analyse Odontométrique. In D. Hadjouis and B. Mafart (eds.), *La Paléo-Odontologie: Analyses et Méthodes d'Étude*. Collection Paléoanthropologie et Paléopathologie Osseuse. Paris: Editions Artcom, pp. 122-137.

PUBLISHED ARTICLES (cont.)

- 2000a Hemphill, B.E., J.R. Lukacs and S.R. Walimbe. Ethnic Identity, Biological History and Dental Morphology: Evaluating the Indigenous Status of Maharashtra's Mahars. *Antiquity* 74: 671-681.
- 2000b Kennedy, K.A.R., B.E. Hemphill and J.R. Lukacs. Bring Back the Bones: The Hard Evidence. *Man and Environment* 26(1): 105-109.
- 1999a Hemphill, B.E. Wear and Tear: Osteoarthritis as an Indicator of Mobility Among Great Basin Hunter-Gatherers. In: B.E. Hemphill and C.S. Larsen (eds.), *Understanding Prehistoric Lifeways in the Great Basin Wetlands: Bioarchaeological Reconstruction and Interpretation*. Salt Lake City: University of Utah Press, pp. 241-289.
- 1999b Hemphill, B.E. and C.S. Larsen. A Bioarchaeological Perspective on Precontact Lifeways among Inhabitants of Great Basin Wetlands. In: B.E. Hemphill and C.S. Larsen (eds.), *Understanding Prehistoric Lifeways in the Great Basin Wetlands: Bioarchaeological Reconstruction and Interpretation*. Salt Lake City: University of Utah Press, pp. 1-7.
- 1999c Hemphill, B.E. Foreign Elites from the Oxus Civilization?: A Craniometric Study of Anomalous Burials From Bronze Age Tepe Hissar. *American Journal of Physical Anthropology* 110: 421-434.
- 1999d Hemphill, B.E. Adaptations and Affinities of Bronze Age Bactrians: IV. A Craniometric Examination of the Origins of Oxus Civilization Populations. *American Journal of Physical Anthropology* 108: 173-192.
- 1998a Hemphill, B.E. Biological Affinities and Adaptations of Bronze Age Bactrians: III. An Initial Craniometric Assessment. *American Journal of Physical Anthropology* 106: 329-348.
- 1998b Hemphill, B.E., **Christensen, A.F.** & Mustafakulov, S.I.. Biological Adaptations and Affinities of Bronze Age Bactrians: II. Dental Morphology. In: J.R. Lukacs (ed.), *Human Dental Development, Morphology, and Pathology*. Eugene: University of Oregon Anthropological Papers No. 54, pp. 51-77.
- 1998c Lukacs, J.R., Hemphill, B.E., & Walmibe, S.R. Are Mahars Autochthonous Inhabitants of Maharashtra?: A Study of Dental Morphology and Population History in South Asia. In: J.R. Lukacs (ed.), *Human Dental Development, Morphology, and Pathology*. Eugene: University of Oregon Anthropological Papers No. 54, pp. 119-153.
- 1997 Hemphill, B.E., **Christensen, A.F.**, & Mustafakulov, S.I.. Trade or Travel: An Assessment of Interpopulational Dynamics among Bronze Age Indo-Iranian Populations. In: F.R. Allchin and B. Allchin (ed.), *South Asian Archaeology 1995*. New Delhi: Oxford-IBH, pp. 863-879.
- 1996 Schultz, M., Lukacs, J.R., & Hemphill, B.E. Results of Palaeopathological Investigations in Iron Age Skeletons from Sarai Khola (Pakistan). *Homo* 47: 85-110.

PUBLISHED ARTICLES (cont.)

- 1995 In: R.R. Musil, *Adaptive Transitions and Environmental Change in the Northern Great Basin: A View from Diamond Swamp*. Eugene: University of Oregon Anthropological Papers No. 51, pp.
- 1994 Hemphill, B.E., Lukacs, J.R., Joshi, M.R., & Lal, R.B. Odontometric Variation in Northwest India: Biologic Interrelationships among the Bhils, Garasias and Rajputs. *Indian Journal of Physical Anthropology and Human Genetics* 18: 1-48.
- 1993a Lukacs, J.R., & Hemphill, B.E. Odontometry and Biological Affinities among South Asians: An Analysis of Three Ethnic Groups from Northwest India. *Human Biology* 65: 279-324.
- 1993b Kennedy, K.A.R., Lovell, N.C., Lukacs, J.R., & Hemphill, B.E. Scaphocephaly in a 5000-Year-Old Skeleton from Harappa, Pakistan. *Anthropologischer Anzeiger* (West Germany) 51: 1-18.
- 1993c Hemphill, B.E., & Lukacs, J.R. Hegelian Logic and the Harappan Civilization: An Investigation of Harappan Biological Affinities in Light of Recent Biological and Archaeological Research. In: A.J. Gail and G.J.R. Mevissen (eds.), *South Asian Archaeology 1991*. Stuttgart: Franz Steiner Verlag, pp. 101-120.
- 1992a Hemphill, B.E., Lukacs, J.R., & Rami Reddy, V. Tooth Size Apportionment among Contemporary Indians: Factors of Caste, Language, and Geography. *Journal of Human Ecology* 2 (Special Issue): 231-253.
- 1992b Lukacs, J.R., & Hemphill, B.E. Dental Anthropology of Mesolithic South Asians: A Descriptive and Analytic Study of the Mahadaha Dentition. In: K.A.R. Kennedy (ed.), *Mesolithic Human Remains from the Gangetic Valley*. Ithaca: Cornell University South Asia Program, Occasional Papers and Theses No. 11, pp. 157-270.
- 1992c Hemphill, B.E. A Statistical Analysis of Site-Types, Artifact Richness, and Sample Size in the Umpqua Basin. In: S.D. Beckham and R. Minor (eds.), *Cultural Resource Overview of the Umpqua National Forest, Southwestern Oregon*. Eugene: Heritage Research Associates, Report No. 125. Pp. 237-257.
- 1991a Hemphill, B.E., Lukacs, J.R., & Kennedy, K.A.R. Biological Adaptations and Affinities of Bronze Age Harappans. In: R. Meadow (ed.), *Harappa Excavations 1986-1990: A Multidisciplinary Approach to Third Millennium Urbanism*. Madison: Prehistory Press. Pp. 137-182.
- 1991b Hemphill, B.E. Human Remains from 35KL677. In: D. Cheatam (ed.), *Archaeological Investigations at the Williamson River Bridge Site (35KL677): A Riverside Fishing Camp in Klamath County, Oregon*. Oregon State Museum of Anthropology Report 91-7. Eugene: University of Oregon. Pp. 123-124.
- 1991c Lukacs, J.R., Hemphill, B.E. The Dental Anthropology of Prehistoric Baluchistan: A Morphometric Approach to the Peopling of South Asia. In: C.S. Larsen and M.A. Kelley (eds.), *Recent Advances in Dental Anthropology*. New York: Alan R. Liss. Pp. 77-119.

PUBLISHED ARTICLES (cont.)

- 1990a Lukacs, J.R., & Hemphill, B.E. Traumatic Injuries of Prehistoric Teeth: New Evidence from Baluchistan and Punjab Provinces, Pakistan. *Anthropologischer Anzeiger* (West Germany) 48: 351-363.
- 1990b Hemphill, B.E. Human Remains. In: A.C. Oetting (ed.), *An Archaeological Survey of the Recently Flooded Shores of Malheur Lake, Harney County, Oregon*. Eugene: Heritage Research Associates, Report No. 97. Pp. 95-117.
- 1989a Hemphill, B.E. Physical Anthropology and the Interpretation of Past Lifeways from Skeletal Material. *Current Archaeological Happenings in Oregon* 14: 9-16.
- 1989b Lukacs, J.R., Schultz, M., & Hemphill, B.E. Dental Pathology and Dietary Patterns in Iron Age Northern Pakistan. In K. Freifelt and P. Sørensen (eds.), *South Asian Archaeology 1985*. London: Curzon Press. Pp. 475-496.
- 1989c Hemphill, B.E. Osteological Analysis of the Skeletal Remains from the Narrows Site. In: B.L. O'Neill (ed.), *Archaeological Investigations at the Narrows and Martin Creek Sites, Douglas County, Oregon*. Portland: USDI Bureau of Land Management, Cultural Resource Series No. 4. Pp. 92-105.
- 1987a Hemphill, B.E. Human Remains. In: R. Minor et al. (eds.), *Archaeological Investigations at Yaquina Head, Central Oregon Coast*. Portland: USDI Bureau of Land Management, Cultural Resource Series No. 1. Pp. 67-83.
- 1987b Hemphill, B.E. Osteological Report on the Human Remains Recovered from Feature 2, Site 35JA27A, Elk Creek, Oregon. In: R.M. Pettigrew and C.G. Lebow (eds.), *Data Recovery at Sites 35JA27, 35JA59, and 35JA100, Elk Creek Lake Project, Jackson County, Oregon*. Volume 2, K14-K24.

PUBLISHED ABSTRACTS (Names in **Bold** represent students or former students)

- 2022a **Cotrona, S.S., Fisher, B.**, and Hemphill, B.E. Assessment of Inter- and Intraobserver Variability in Dental Measurements. *American Journal of Physical Anthropology* **177**(S73): 38.
- 2022b **Fisher, B.A.**, and Hemphill, B.E. A tooth Size Apportionment Investigation of Bodo Origins. *American Journal of Physical Anthropology* **177**(S73): 59.
- 2020 **Pojar, T.**, Langstieh, B.T., and Hemphill, B.E. A Second Dental Morphology Examination of Biological Affinities of Northeastern Indian Populations Relative to Other South Asians. The Case of Chakkesang, Pochury and Rengma Nagas. *American Journal of Physical Anthropology* **171**(S69): 220.
- 2019 Hemphill, B.E., **Pojar T.**, and Langstiegh, B.T. An Initial Examination of Biological Affinities of Northeastern Indian Populations relative to Other South Asians. A Dental Morphology Investigation. *American Journal of Physical Anthropology* **168**(S68): 100-101.

PUBLISHED ABSTRACTS (cont.)

- 2018 Hemphill, B.E., **Inamullah, Tariq, M., Zubair, M., Saadiq, N.**, Ahmad, H. Is there Evidence of a Medieval Intrusion of Pathans into the Vale of Peshawar, Pakistan? A Dental Morphology Approach. *American Journal of Physical Anthropology* **165**(S66): 116.
- 2017a **Ullah, I.**, Ahmad, H., and B.E. Hemphill. Historic Era Immigrants to Northern Pakistan? A Dental Morphology Investigation of Pathans, Gujars, and Kohistanis. *American Journal of Physical Anthropology* **162**(S64): 213-214.
- 2017b **Tariq, M.**, Ahmad, H. and B.E. Hemphill. Are the Socially Recognized Social Groups of Northern Pakistan Meaningful Biological Entities for Reconstruction of Population Histories? A Dental Morphology Investigation. *American Journal of Physical Anthropology* **162**(S64): 377.
- 2016 Hemphill, B.E. A 30-year Perspective on the Eclipse and Rejuvenation of Tooth Size Allocation Analysis for Reconstruction of Population Affinities. *American Journal of Physical Anthropology* (Suppl. 62): 171.
- 2014 Hemphill, B.E., **Akbar, N.**, & Ahmad, H. Passage to India: Do Contemporary Ethnic Groups of Northern Pakistan Yield Evidence of Central Asians into South Asia? A Dental Morphology Investigation. *American Journal of Physical Anthropology* (Suppl. 58): 140.
- 2013a **Guzman, M.C.**, and B.E. Hemphill. Are Socioethnic Groups Biologically Meaningful Entities? A Tooth Size Allocation Analysis of the Baltis of Northern Pakistan. *American Journal of Physical Anthropology* (Suppl. 56): 139.
- 2013b Hemphill, B.E., and L.J. Hlusko. Tansies in the Field: An Odontometric Assessment of Orthodox Perspectives on Dental Field Theory, Ontogenetic Canalization, and Sex Dimorphism. *American Journal of Physical Anthropology* (Suppl. 56):146-147.
- 2012a **Barton, A.M.**, and B.E. Hemphill. An Odontometric Investigation of Biological Affinities of the Yashkuns of Northern Pakistan. *American Journal of Physical Anthropology* (Suppl 54): 91.
- 2012b **Guzman, M.C.**, and B.E. Hemphill. An Odontometric Investigation of the Biological Origins of the Baltis: A Tibeto-Burman speaking Population of Northern Pakistan. *American Journal of Physical Anthropology* (Suppl 54): 157.
- 2012c Hemphill, B.E. The Awans of Northern Pakistan: Emigrants from Central Asia, Arabs from Western Afghanistan, or Colonists from Peninsular India? A Dental Morphometric Investigation. *American Journal of Physical Anthropology* (Suppl 54): 163.
- 2012d **O'Neill, P.W.**, and B.E. Hemphill. Odontometric Investigation among Three Ethnolinguistic Groups from the Rugged Mountain Highlands of Gilgit-Baltistan, Pakistan: Testing Historical Hypotheses with Tooth Size Allocation Analysis. *American Journal of Physical Anthropology* (Suppl 54): 228.
- 2012e **Thompson, N.H., Mejia, M.**, and B.E. Hemphill. I Am Hot! No You're Not: An Investigation of the Complex Relationship between Self-Perception of Mate Value and the Assignment of Mate Value by Others. *American Journal of Physical Anthropology* (Suppl 54): 285-286.



PUBLISHED ABSTRACTS (cont.)

- 2012f            **Wright, C.A.**, and B.E. Hemphill. Determination of Sex from Differences in Tooth Size in a Modern Admixed Population from New Mexico: Relative Efficacy of Permanent and Deciduous Teeth. *American Journal of Physical Anthropology* (Suppl 54): 306-307.
- 2011a            **Barton, A.M.**, and B.E. Hemphill. A Craniometric Investigation of Biological Contacts between Populations of the Iranian Plateau and Central Asia during the Last Three Millennia B.C. *American Journal of Physical Anthropology* (Suppl. 52):82-83.
- 2011b            Hemphill, B.E. To the West! A Dental Morphology Investigation of Gene Flow between Populations of the Iranian Plateau and the macro-Mesopotamian Interaction Sphere during the Last Three Millennia B.C. *American Journal of Physical Anthropology* (Suppl. 52):160.
- 2011c            **O'Neill, P.** and B.E. Hemphill. An Assessment of Biological Affinities among the Prehistoric Inhabitants of the Iranian Plateau and Adjacent Regions based on Allocation of Permanent Tooth Size. *American Journal of Physical Anthropology* (Suppl. 52):229-230.
- 2010a            Hemphill, B.E. Were the Bronze Age Inhabitants of Tepe Hissar Biological Participants in an Inter-regional Exchange Network across the Iranian Plateau? A Dental Morphometric Investigation. *American Journal of Physical Anthropology* (Suppl. 50): 125.
- 2010b            **O'Neill, P.W.** and B.E. Hemphill. Tracing Wakhi Origins: An Odontometric Approach. *American Journal of Physical Anthropology* (Suppl. 50):181-182.
- 2009a            Hemphill, B.E. The Swatis of northern Pakistan—Emigrants from Central Asia or Colonists from peninsular India?: A Dental Morphometric Investigation. *American Journal of Physical Anthropology* (Suppl. 48): 147.
- 2009b            **O'Neill, P.W.**, and B.E. Hemphill. Considerations for the Population History of the Wakhan Corridor: An Odontometric Investigation of Wakhi Biological Affinity and Diachronic Analysis of Biological Interaction between Northern Pakistan and South Asia. *American Journal of Physical Anthropology* (Suppl. 48): 203.
- 2008a            **Camp, A.**, and B.E. Hemphill. Indigenous Inhabitants of Pakistan or Intrusive Emigrants? An Odontometric Investigation of the Chengazi of Baltistan". *American Journal of Physical Anthropology* (Suppl. 46): 75.
- 2008b            Hemphill, B.E. Are the Inhabitants of Madaklasht an Emigrant Persian Population in Northern Pakistan?: A Dental Morphometric Investigation. *American Journal of Physical Anthropology* (Suppl. 46): 115.
- 2008c            **Willis, C.** and B.E. Hemphill. Are the Burusho an Indigenous Population of the Northern Areas, Pakistan? An Odontometric Investigation. *American Journal of Physical Anthropology* (Suppl. 46): 223.

PUBLISHED ABSTRACTS (cont.)

- 2007a        **Blaylock, S.** and B.E. Hemphill. Are the Koh Indigenous Inhabitants of the Hindu Kush? II. A Dental Morphology Investigation. *American Journal of Physical Anthropology* (Suppl. 44): 76.
- 2007b        B.E. Hemphill. Gender, Wealth and Status in Bronze Age Central Asia: A Dental Pathology Investigation. *American Journal of Physical Anthropology* (Suppl. 44): 128.
- 2007c        **Willits, N.** and B.E. Hemphill. Are the Koh Indigenous Inhabitants of the Hindu Kush? I. An Odontometric Investigation. *American Journal of Physical Anthropology* (Suppl. 44): 251.
- 2006a        **Blaylock, S., L. Baker** and B.E. Hemphill. A Cautionary Tale: Alleged Asian Palm Burial Remains prove not so Asian. *American Journal of Physical Anthropology* (Suppl. 42): 65-6.
- 2006b        Hemphill, B.E. Wealth, Status and Gender at Bronze Age Tepe Hissar: An Investigation of Intracemetery Variation in Dental Pathology Prevalence in Prehistoric Iran. *American Journal of Physical Anthropology* (Suppl. 42): 102-3.
- 2005        Hemphill, B.E. At What Cost a Full Belly? An Investigation of Sedentary Horticulture in the Great Basin. *American Journal of Physical Anthropology* (Suppl. 40): 113.
- 2004a        **Blaylock, S.** and B.E. Hemphill. Amazons of the Amu Darya? A Dental Pathological Investigation of Gender and Status in Bronze Age Bactria. *American Journal of Physical Anthropology* (Suppl. 38): 64.
- 2004b        Hemphill, B.E. East of Eden, West of Cathay: An Investigation of Bronze Age Interactions along the Great Silk Road. *American Journal of Physical Anthropology* (Suppl. 38): 111-112.
- 2004c        **Nosaka, R.L.** and B.E. Hemphill. Origin of the Inhabitants of Bronze Age Bactria: A Dental Morphological Investigation. *American Journal of Physical Anthropology* (Suppl. 38): 153-154.
- 2003        Hemphill, B.E. Mass Migrations or Merely Movement of Morphemes? A Dental Morphology Investigation of South Asian Population History. *American Journal of Physical Anthropology* (Suppl. 36): 112-113.
- 2001        Hemphill, B.E. Assessment of Mobility among the Prehistoric Inhabitants of the Great Salt Lake Wetlands. *American Journal of Physical Anthropology* (Suppl. 32): 78.
- 2000        Hemphill, B.E. Are the Mummies of Late Bronze/Early Iron Age Xinjiang (China) Indo-European Invaders from the Russian Steppes? *American Journal of Physical Anthropology* (Suppl. 30): 176.
- 1999        Hemphill, B.E. A Craniometric Test of Three Models for the Origins of Bronze Age North Bactrians. *American Journal of Physical Anthropology* (Suppl. 28): 97.

PUBLISHED ABSTRACTS (cont.)

- 1998 Hemphill, B.E. An Initial Craniometric Examination of the Origins and Inter-Regional Impacts of Oxus Civilization Populations from the North Bactrian Oasis of Central Asia. *American Journal of Physical Anthropology* (Suppl. 26): 92.
- 1998 Hemphill, B.E. Was the North Bactrian Oasis Colonized by Populations from South Central Turkmenistan?: A Craniometric Approach. *Abstracts of the 27<sup>th</sup> Annual Conference on South Asia*. Madison: Center for South Asian Studies, University of Wisconsin, Madison.
- 1997 Hemphill, B.E. Local Traders or Resident Foreigners: Identification of Population Outliers among the Bronze Age Inhabitants of Tepe Hissar (Abstract). *American Journal of Physical Anthropology* (Suppl. 24): 127.
- 1997 Irish, J.D. and B.E. Hemphill. Were the Canary Islands Colonized by North African Berbers? Evidence from Odontometric Analysis (Abstract). *American Journal of Physical Anthropology* (Suppl. 24): 135-136.
- 1996 Hemphill, B.E. and J.L. Brauer. A Dental Perspective on Health and Subsistence in a Bronze Age Oasis (Abstract). *American Journal of Physical Anthropology* (Suppl. 22): 122.
- 1996 **Christensen, A.F.** and B.E. Hemphill. A Craniometric Examination of Biological Interactions between Russian Steppe Nomads and Bactrian Agriculturalists (Abstract). *American Journal of Physical Anthropology* (Suppl. 22): 84-85.
- 1995 Hemphill, B.E. and **A.F. Christensen**. Trade or Travel: A Dental Morphological Examination of Diachronic Interactions between the Oxus Civilization and the Indus Valley (Abstract). *American Journal of Physical Anthropology* (Suppl. 20): 108-109.
- 1995 Nelson, G.C. and B.E. Hemphill. Physiologic Stress in the Prehistoric Northern Great Basin: Malheur Lake, Oregon (Abstract). *American Journal of Physical Anthropology* (Suppl. 20): 159.
- 1995 **Christensen, A.F.** and B.E. Hemphill. A Cranial Non-Metric Examination of the Biological Affinities of Bronze Age Bactrians (Abstract). *American Journal of Physical Anthropology* (Suppl. 20): 76.
- 1994 Hemphill, B.E. and J.R. Lukacs. Tooth Size Apportionment among Modern South Indians: Genetic Effects of Differential Admixture (Abstract). *American Journal of Physical Anthropology* (Suppl. 18): 105.
- 1993 Hemphill, B.E. and J.R. Lukacs. Tooth Size Apportionment among Modern Gujaratis: Genetic Effects of Prolonged Admixture (Abstract). *American Journal of Physical Anthropology* (Suppl. 16): 107.
- 1992 Hemphill, B.E. and K.A.R. Kennedy. A Multivariate Analysis of Biological Continuity within the Prehistoric Indus Valley (Abstract). *American Journal of Physical Anthropology* (Suppl. 14): 90.
- 1991 Hemphill, B.E. Tooth Size Apportionment among Social Groups in Contemporary India: Factors of Caste, Language, and Geography (Abstract). *American Journal of Physical Anthropology* (Suppl. 12): 91.

PUBLISHED ABSTRACTS (cont.)

- 1990 Hemphill, B.E. Biological Affinities of Bronze Age Harappans (Abstract). *American Journal of Physical Anthropology* 81: 239-240.
- 1986 Lukacs, J.R. and B.E. Hemphill. Dental Pathology in Iron Age Pakistan (Abstract). *American Journal of Physical Anthropology* 69: 233.

PAPERS PRESENTED (Names in **Bold** represent students or former students)

- 2018a Hemphill, B.E. Food Production on the Margins: An Examination of Dental Pathology Affliction in Central Asia during the Chalcolithic and Bronze Age. Global History of Health Conference. Jilin University, Changchun, China, May 11-14, 2018.
- 2018b Hemphill, B.E. Eastward Ho!: An Examination of Dental Pathology Affliction in Central Asia during the Chalcolithic and Bronze Age. Presented to the Department of Anthropology, Northeast Hill University, Shillong, Meghalaya, India. May 24, 2018.
- 2017a Hemphill, B.E. Key Note Address: Dental Anthropology—What it Can Tell us about the History and Prehistory of Ethnic Groups of Pakistan and its Utility in Conjunction with Uniparental and Biparental DNA Markers. Baragali, Pakistan, July 21-25, 2017.
- 2017b Hemphill, B.E. Who Were the Enigmatic Skeletons found at Mohenjo-Daro? A Craniometric Approach. International Conference on Mohenjodaro and the Indus Civilization. Mohenjo-daro, Pakistan, February 9-11, 2017.
- 2016 Hemphill, B.E. New Methods for Tracing Biological Affinities from Odontometric Data: A South Asian Example. International Conference on Recent Discoveries in Khyber Pakhtunkhwa and Their Impact on History of the Region. Islamabad, Pakistan, May 13-15, 2016.
- 2014 Hemphill, B.E. New Methods for Tracing Biological Affinities from Odontometric Data: A South Asian Example. National Seminar on “New Arenas of Biological Anthropology in India.” Shillong, Meghalaya, India, November 19-21, 2014.
- 2011 Hemphill, B.E. Dental anthropology as a bridge between the past, the present, and the future in Pakistan. Conference on Pakistan Archaeology Cultural Heritage. Islamabad, Pakistan, January 5-8, 2011.
- 2009a Hemphill, B.E. Harappa: The Role of an Urbanized Populace on the Population History of South Asia. 13<sup>th</sup> Harvard Round Table on Ethnogenesis of South and Central Asian Archaeology. Research Institute for Humanity and Nature, Kyoto, Japan, May 29-31, 2009.
- 2009b Hemphill, B.E., **Guenther, M.** Central Valley Tribal Collaboration “EJ” Planning GIS-based Archaeological Sensitivity Project. Paper presented at Workshop #2 of 3 – “Cultural Sensitive Resource Mapping, CA Central Valley Tribal Environmental Justice Transportation Collaboration and Sensitive Resource Mapping Project., May 13, 2009, Madera, California.

PAPERS PRESENTED (cont.)

- 2007a Hemphill, B.E. A View to the North: Biological Interactions across the Intermontane Borderlands during the Last Two Millennia B.C.". Paper presented at the 19<sup>th</sup> meeting of the European Association of South Asian Archaeologists, July 2-5, 2007, Ravenna, Italy.
- 2007b Hemphill, B.E., **Blaylock, S.R.**, Ali, I, **Willits, N.** Are the Kho an Indigenous Population of the Hindu Kush?: A Morphometric Dental Analysis. Paper presented at the 19<sup>th</sup> meeting of the European Association of South Asian Archaeologists, July 3-5, 2007, Ravenna, Italy.
- 2007c Hemphill, B.E., Ali, I, Zahir, M. The Gandharan Grave Culture in Chitral, the Kalasha, and Population Dynamics across the Hindu Kush during the Second Millennium BC. Paper presented at the 19<sup>th</sup> meeting of the European Association of South Asian Archaeologists, July 2-5, 2007, Ravenna, Italy.
- 2006a Hemphill, B.E. Gender, Wealth, and Status in Bronze Age Iran: A Perspective from Dental Pathology Analysis. Paper presented to the Department of Anthropology, University of Wisconsin. April 14, 2006. Madison, Wisconsin.
- 2006b Hemphill, B.E. Population Interactions across the Central Asian Borderlands and Indo-Aryan Identity. Paper presented to the South Asian Studies Program, University of Wisconsin. April 13, 2006. Madison, Wisconsin.
- 2005a Hemphill, B.E. Wealth, Status and Gender at Bronze Age Tepe Hissar: An Investigation of Intracemetery Variation in Dental Pathology Prevalence in Prehistoric Iran. Paper presented at the XIII International Physical Anthropology Colloquium, November 6-11, 2005. Campeche, Mexico.
- 2005b Hemphill, B.E. Contacts between the Indus Valley and Western China: Evidence for Biological Interactions among Bronze Age Populations across the Intermontane Borderlands. Invited Lecture delivered to the American Institute for Pakistan Studies, August 19, 2005. Islamabad, Pakistan
- 2005c Hemphill, B.E. A View to the North: Biological Interactions across the Intermontane Borderlands during the Last Two Millennia B.C. Paper presented at the 9<sup>th</sup> National Seminar on Pakistan Archaeology. July 27-29, 2005. Baragali, Pakistan.
- 2004 Hemphill, B.E. Bioanthropology of the Hindu Kush Borderlands: Insights into Population Interactions from an Analysis of Dental Morphological Variation. Invited Paper presented at the International Conference on the Sustainability of Communities in Remote Environments: Hindu Kush, Pakistan, September 6-8, 2004, Baragali, Pakistan.
- 2003 Hemphill, B.E. Bioanthropology of the Indus Valley: Overview, Neolithic to Late Harappan. Invited Paper presented at The Rise of Civilization in the Greater Indus Valley and Saraswati: Recent Interpretations Congress, October 18, 2003, Long Beach, California.

PAPERS PRESENTED (cont.)

- 2002 Hemphill, B.E. An Assessment of the Differential Impact of Maize Horticulture on Fremont Complex Populations: Insights from Osteoarthritis Affliction. Paper presented at the 14<sup>th</sup> Great Basin Anthropological Conference, October 5-9, 2002, Elko, Nevada.
- 2000 Hemphill, B.E. Osteoarthritis and Adaptive Diversity among the Horticulturalists of the Great Salt Lake Wetlands. Paper presented at the 13th Great Basin Anthropological Conference, October 5-9, 2000, Ogden Utah.
- 1999 Hemphill, B.E. What Happened to the Late Aeneolithic Inhabitants of the Desiccated Tedjen River Delta?: A Craniometric Investigation of a possible Central Asian Migration. Paper presented at the 15th Meeting of the European Association of South Asian Archaeologists, July 5-9, 1999, Leiden, The Netherlands.
- 1998 Hemphill, B.E. Was the North Bactrian Oasis Colonized by Populations from South-central Turkmenistan?: A Craniometric Investigation. Paper presented at the 27th Annual South Asia Meetings, October 25-28, 1998.
- 1997 Hemphill, B.E. Do Foreign Pots Mean Foreign People?: A Skeletal Technique for Analyzing Anomalous Burials in a Bronze Age Cemetery. Paper presented at the 14th Meeting of the European Association of South Asian Archaeologists, July 4-8, 1997, Rome, Italy.
- 1996 Hemphill, B.E. A Reconsideration of Health and Subsistence Among the Bronze Age Inhabitants of the North Bactrian Oasis. Paper presented at the 6th Annual Meeting of the American Association of Harappan Studies, August 24-26, 1996, Cambridge, Massachusetts.
- 1996 Hemphill, B.E. and J.L. Brauer. Health and Subsistence in a Bronze Age Oasis: A Bioarchaeological Perspective. Paper presented at the 61st Annual Meeting of the Society for American Archaeology, April 11-14, 1996, New Orleans, LA.
- 1995a Hemphill, B.E. A Craniometric Assessment of the Oxus Civilization as a Bronze Age Link Across the Indo-Iranian Borderlands. Paper presented at the 60th Annual Meeting of the Society for American Archaeology, May 3-7, 1995, Minneapolis, Minnesota.
- 1995b Hemphill, B.E. and **A.F. Christensen**. Were the Bronze Age Inhabitants of Bactria the "Aryan Invaders" of the *Rg Veda*?: A Multivariate Synthetic Examination of Biological Genetic Markers. Paper presented at the 13th Meeting of the European Association of South Asian Archaeologists, July 1-5, 1995, Cambridge.
- 1994a Hemphill, B.E. and **A.F. Christensen**. A Dental Non-Metric Analysis of Bronze Age Bactrian Biological Relationships. Paper presented at the 93rd Annual Meeting of the American Anthropological Association, November 30-December 5, 1994.
- 1994b Hemphill, B.E. and **A.F. Christensen**. The Oxus Civilization as a Link Between East and West: A Non-Metric Analysis of Bronze Age Bactrian Biological Affinities. Paper presented at the 23rd Annual South Asia Meetings, November 2-5, 1994.

PAPERS PRESENTED (cont.)

- 1994c Hemphill, B.E. Wear and Tear: Analyses of Arthritis and Trauma among the Prehistoric Inhabitants of the Malheur Lake Wetlands. Paper presented at the 59th Annual Meeting of the Society for American Archaeology, April 20-24, Anaheim, California.
- 1991 Hemphill, B.E. and J.R. Lukacs. New Physical Anthropological Investigations of the Bronze Age Harappans. Paper Presented at the 55th Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- 1990a Hemphill, B.E. Analysis of the Human Remains Recovered from the Crates Point Site (35WS221), Wasco County, Oregon. Paper presented at the 43rd Annual Northwest Anthropological Conference, Eugene, Oregon.
- 1990b Hemphill, B.E. and J.R. Lukacs. Neolithic Aryas and Mounted Nomads of the Steppes: A Multivariate Examination of Harappan Biological Affinities based on Discrete Traits of the Cranium and Permanent Dentition. Paper Presented at the 18th Annual Meeting of the Canadian Association for Physical Anthropology, Banff, Alberta, Canada.
- 1989a Hemphill, B.E. and J.R. Lukacs. A Morphometric Assessment of the Dental Remains from Prehistoric Baluchistan: Implications for the Peopling of South Asia. Paper presented at the 58th Annual Meeting of the American Association of Physical Anthropologists, San Diego, CA.
- 1989b Hemphill, B.E. Physical Anthropology in the Reinterment Era: Practical Guidelines for the Defense and Advocation of Skeletal Analyses. Paper presented at the 5th Annual Meeting of the Association of Oregon Archaeologists, Eugene, OR.
- 1986 Hemphill, B.E. A Critical Appraisal of the Evidence for Precolumbian Tuberculosis in the New World. Paper presented at the 39th Annual Northwest Anthropological Conference, Moscow, Idaho.
- 1985 Hemphill, B.E. Dental Pathologies at Sarai Khola: An Analysis of the Effects of Subsistence Patterns on an Iron Age Population from Northern Pakistan. Paper presented at the 49th Annual Meeting of the Society of American Archaeologists, Portland, Oregon.

MANUSCRIPTS SUBMITTED FOR PUBLICATION

**Akbar, N.**, Ahmad, H., Ullah, I., Ali, I., & Hemphill, B.E. The Role of Hazarewal Populations in the Peopling of South Asia: A Dental Morphology Investigation. *American Journal of Biological Anthropology*. Manuscript currently under second round of review.

Hemphill, B.E. An Examination of Post-marital Residential Patterns among the Urban Inhabitants of the Indus Civilization: An Investigation of Craniometric Variation among those Interred in the Cemeteries at Harappa. Manuscript submitted for publication in: Kenoyer, J.M., Jansen, M., Ibrahim, A., & Lashari, K. (Eds.), *A Century of Mohenjodaro Excavations*. Karachi: Government of Sindh. Currently under review.

Hemphill, B.E. A Cranial Nonmetric Trait Investigation of Bronze Age Interactions across the Iranian Plateau: Methodological Protocols and Migratory Models. Manuscript submitted to *Ancient*

*Pakistan.*

**Pojar, T.,** Langstieh, B.T., & Hemphill, B.E. An Initial Investigation of Dental Morphology Variation among Three Southern Naga Ethnic Groups of Northeast India. *American Journal of Biological Anthropology* (Mss 00252.R02). Under third round of review.

#### MANUSCRIPTS IN PREPARATION

**Stough, M.A., Fisher, B.,** & Hemphill, B.E. The relative roles played by linguistic fidelity and geographic contiguity in shaping the biological affinities of the Rong and A'chik: A tooth size allocation analysis.

**Fisher, B., Stough, M.A.,** & Hemphill, B.E. The roof of the world—impenetrable barrier or causeway of east-west contact. A tooth size allocation analysis.

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