

CURRICULUM VITAE

Robert F. Pastor

ADDRESS:

Department of Anthropology
University of Oregon
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EDUCATION:

- Ph.D. Physical Anthropology, 1993, Thesis Title: "Dental Microwear Among Prehistoric Inhabitants of the Indian Subcontinent: A Quantitative and Comparative Analysis."
University of Oregon, Eugene
- M.S. Physical Anthropology, 1984, University of Oregon, Eugene
- B.S. Biology, 1973, Northern Illinois University, DeKalb

AREAS OF SPECIAL INTEREST:

Bioarchaeology and Dental Anthropology
Forensic Anthropology and Archaeology
Human Biology and Adaptation

PRIMARY APPOINTMENTS:

- Courtesy Research Associate, Department of Anthropology, University of Oregon, Eugene, Oregon,
December 2006 to present
- Lecturer in Biological and Forensic Anthropology, and Director of Postgraduate Program in
Forensic Anthropology, Department of Archaeological Sciences, University of Bradford,
Bradford, United Kingdom: June 1998 to November 2006
- Forensic Anthropologist: United States Army Central Identification Laboratory, Hawaii (CILHI),
Hickam Air Force Base, Hawaii, August 1995 to June 1998
- Postdoctoral Fellow: Department of Cell Biology and Anatomy, Johns Hopkins University, School
of Medicine, Baltimore, Maryland, August 1993-March 1995

OTHER ACADEMIC APPOINTMENTS:

- Examiner for the Diploma in Forensic Human Identification, Panel of Examiners, The Society of
Apothecaries of London, appointed July 2003, to November 2006

Specialty Assessor in Anthropology (General Forensic Work), Council for the Registration of Forensic Practitioners (CRFP), London, 2002-2006

Co-Director, 4th European Forensic Anthropology Course, University of Bradford, 3-7 July 2000, Convened jointly by Department of Archaeological Sciences, University of Bradford, and the Laboratory for Human Identification, Colorado State University, July 2000

Graduate Teaching Fellow, Department of Anthropology, University of Oregon, Eugene, Oregon, Teaching Assistant for Biological Anthropology, Human Evolution, Human Adaptation, 1992-93

Adjunct Instructor of Biological Anthropology, Department of Anthropology, University of Oregon Eugene, Oregon, 1991-92

Adjunct Instructor of Biological Anthropology, Department of Anthropology, University of Oregon Eugene, Oregon, 1988 (winter)

Graduate Teaching Fellow, Department of Anthropology, University of Oregon, Eugene, Oregon, Teaching Assistant for Primatology, 1987 (winter)

Adjunct Instructor of Biological Anthropology, Department of Anthropology, University of Oregon Eugene, Oregon, 1984-85

Graduate Teaching Fellow, Department of Anthropology, University of Oregon, Eugene, Oregon, Teaching Assistant for Biological Anthropology, Human Evolution, Human Adaptation, 1983-84

OTHER PROFESSIONAL APPOINTMENTS:

Anthropologist, United Nations International Criminal Tribunal for the Former Yugoslavia (ICTY), Orahovac Mortuary, Prizren, Kosovo, July to August 2000

Physical Anthropology Consultant: Osteological Analysis of Prehistoric Indian Skeletal Remains, for Bureau of Land Management, National Forest Service, and INFOTEC Research Inc., Eugene, Oregon, 1986-1992

Archaeology Lab Technician: INFOTEC Research Inc., Eugene, Oregon, Goshen-Immigrant and Ferry Street Bridge Phase II Excavation Projects, May-June 1991

Physical Anthropologist/Archaeology Lab Technician: INFOTEC Research Inc., Eugene, Oregon, Four-State Pipeline Expansion Project, July 1990-February 1991

Archaeology Lab Assistant: Oregon State Museum of Anthropology, University of Oregon, Eugene, Oregon, 1987-88

Archaeology Lab Assistant: INFOTEC Research Inc., Eugene, Oregon, September-November, 1986

Experimental Biological Aide: Oregon Department of Fish and Wildlife, Roseburg, Oregon, summer 1984

Graphics Specialist: Oregon State Museum of Anthropology, University of Oregon, Eugene, Oregon, 1983-84

Travelling Exhibit Installer: Museum of Natural History, University of Oregon, Eugene, Oregon, 1981-84

Research Technician: Oregon Health Sciences University, Crippled Childrens Division, Eugene, Oregon, 1981

Research Assistant: Chemistry and Hydrology Sections, Illinois State Water Survey, Champaign, Illinois, 1977-79

Bioelectronics Technician: Division of Research and Development, AVM Instrument Inc., Champaign, Illinois, 1974-76

Research Assistant: Division of Ecology, Department of Biological Sciences, Northern Illinois University, 1971

PROFESSIONAL ACTIVITIES:

Registered Forensic Practitioner (Anthropology), with Council for the Registration of Forensic Practitioners (CRFP), London, July 2004-2008

Session Chair (Skeletal Biology), 71st Annual Meeting of the American Association of Physical Anthropologists, Buffalo, New York, April 10-13, 2002

Forensic Anthropology Consultant, casework and consultation for West Yorkshire Police and other British police forces and Home Office pathologists, 1998-2006

Referee, frequent reviewer of manuscripts submitted for publication to *American Journal of Physical Anthropology*, *Antiquity*, *Current Anthropology*, *Journal of Forensic Sciences*, *Journal of Human Evolution*, *Nature*, and *The Lancet*; 1998-present

Referee of grant proposals for the National Science Foundation (Washington) and the Wellcome Trust (London), 2001-present

Referee of book proposals for Academic Press, Routledge, and Taylor & Francis, 1998-present

Participant, Expert Witness Course, British Court Procedure and the Expert Witness, University of Bradford, Bradford, West Yorkshire, United Kingdom, 29 March 1999

Participant, Expert Witness Testimony Workshop, 49th Annual Meeting of the American Academy of Forensic Sciences, New York, 17 February 1997

Participant, Skeletal Trauma Workshop, 48th Annual Meeting of the American Academy of Forensic Sciences, Nashville, Tennessee, 20 February 1996

Co-convenor, Dental Anthropology Symposium II, 63rd Annual Meeting of the American Association of Physical Anthropologists, Denver, Colorado, March 31-April 2, 1994

Supervisor, Apprenticeships in Science and Engineering Program, Oregon Graduate Institute of Science and Technology, summer 1993

Participant, Paleopathology Workshop, Museum of Man, San Diego, California, 8-9 April 1989

OFFICES HELD:

Member, Council, The British Association for Human Identification, 2001-2006

COMMITTEES/PANELS:

Member, Career Development Committee, American Association of Physical Anthropologists, 2003-present

Member, Subcommittee on Forensic Anthropology, British Association for Human Identification (BAHID), participation in developing criteria and requirements for accreditation of forensic anthropology professional practice, 2001-2006

Graduate Student Member, Committee on Department Status and Direction, Department of Anthropology, University of Oregon, 1983-1984

Committee Member, Areawide Water Resources Advisory Committee, Lane Council of Governments, Eugene, Oregon, 1980-1982

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS:

Fellow, American Academy of Forensic Sciences, Physical Anthropology Section, 2005-present (Member since 1997)

Member, American Association of Physical Anthropologists, 1986-present

Member, Dental Anthropology Association, 1991-present

Member, British Association for Human Identification, 2001-present

Member, Practicing Forensic Anthropologists Group (UK), 2002-present

Member, British Association of Biological Anthropology and Osteoarchaeology, 1999-present

Member, Pi Gamma Mu, International Honor Society in Social Science, Oregon Gamma Chapter, University of Oregon, 1984-1993

RESEARCH GRANTS. AWARDS, AND OTHER DISTINCTIONS:

Ellis R. Kerley Award, for the outstanding paper: "Sexual Dimorphism in Vertebral Dimensions at the T12/L1 Junction," presented at the AAFS Annual Meeting by the Board of Directors for the Ellis R. Kerley Forensic Sciences Foundation, 24 February 2005.

Application to the (British) Natural Environment Research Council (NERC) for Studentship Support for British / EU students on the MSc Forensic Anthropology Course (Bradford); grant support requested to fund three students annually for a three-year period.

Research Award, The British Academy (December 2003): "Analysis of Sexual Dimorphism in Vertebral Dimensions at the T12-L1 Junction," to support international travel to documented skeletal collections for the collection of metric data on vertebral sexual dimorphism, and the development of multivariate methods for sex assessment.

Application to The Leverhulme Trust for a Research Fellowship (submitted November 2003), financial support of research leave for international travel to museum collections for research on vertebral sexual dimorphism and on dental histological methods of age estimation (unsuccessful).

Application to The Royal Society for a Research Grant (submitted October 2002), to provide specialist equipment for data collection and analysis in support of a research project on skeletal morphometric variation (unsuccessful).

Research Award, The British Academy (2002), for an Overseas Conference Travel Grant for travel to the annual meetings of the American Association of Physical Anthropologists, Buffalo, New York, April 10-13, 2002.

Research Award, The Royal Society (2001), for a Conference Grant to support travel and subsistence for the annual meetings of the American Academy of Forensic Sciences, Atlanta, Georgia, February 12-16, 2002.

Research Award, The British Academy (2000), for an Overseas Conference Travel Grant for travel to the annual meetings of the American Association of Physical Anthropologists, San Antonio, Texas, April 12-15, 2000.

Research Award, University of Bradford Research Fund, UK, (1999) for support of two research projects and publication of the results, entitled 1. "Violent Homicides and Cranial Trauma in Yorkshire" 2. "Skeletal Fracture Patterns in Abused Children."

Application to the Royal Society for an International Conference Travel Grant (submitted November 1999), to support travel and subsistence for the American Academy of Forensic Sciences annual meetings, Reno, Nevada, February 21-26, 2000 (unsuccessful).

Application to the Royal Society for a Wolfson Foundation Laboratory Refurbishment Grant (submitted July 1999), with G.B. Thompson, A.K.G. Jones, C.J. Knusel, D. Lucy, I.L. Mainland, and R.A. Nicholson (unsuccessful).

Application to The Wellcome Trust, Joint Infrastructure Fund (submitted April 1999), for a grant to support construction of new laboratories and acquisition of analytical equipment, and creation of an International Centre for the Scientific Study of Human Remains from Archaeological Contexts, with A.M. Pollard, C.P. Heron, C.R. Roberts, C.J. Knusel, R.C. Janaway, S.J. Dockrill, and R.E. Donahue (unsuccessful).

Research Grant, Archaeological Research Trust, Eugene, Oregon, (1987-91). "Reconstruction of Diet and Subsistence Pattern Based on Dental Microwear of Human Skeletal Remains from Neolithic, Harappan, and Iron Age Archaeological Sites in South Asia."

Application to the Wenner-Gren Foundation for a Dissertation Fieldwork Grant (1987), for Doctoral research on: Dental Microwear Analysis and Reconstruction of Diet and Subsistence Pattern in Prehistoric South Asian Skeletal Remains (unsuccessful).

Research Grant, Graduate School, University of Oregon, (1986). "Attrition of Anterior Teeth from a Prehistoric South Asian Population."

L. S. and D. C. Cressman Prize, Department of Anthropology, University of Oregon (1984). Award for paper: "Anthropometry and Submaximal Work Performance of Preadolescent Aymara Boys at High Altitude."

PUBLICATIONS:

Articles:

2008 Dimensional Variation in the Proximal Ulna: Evaluation of a Metric Method for Sex Assessment (with L. Cowal). *American Journal of Physical Anthropology*, 135(4):469-478 (published online January 10, 2008).

2008 The Utility of Carpal Bones for Sex Determination (with C. Sulzmann and J. Buckberry). *American Journal of Physical Anthropology*, 135(3):252-262 (published online November 13, 2007).

n.d. Relationship between Metatarsal Length and Foot Length / Shoe Size: A Possible Aid in Human Identification (with A. Reynard). *Journal of Forensic Sciences*. (In Review)

- n.d. A Comparative Microscopic Study of Human and Non-Human Long Bone Histology (with F.M. Nor, H. Schutkowski). *Forensic Science International*. (In Review)
- n.d. Fracture Patterns in Abused Children from the Leeds (UK) Metropolitan Area (with S. de Jager Burford, and C.J. Hobbs). *Journal of Forensic Sciences*. (In Review)
- n,d, From the Marshalls to the Midlands: The Practice of Forensic Anthropology in America and Britain. (Invited submission to *Science and Justice*). (In Review)
- 2005 Analysis of Quantitative Methods for Rib Seriation using the Spitalfields Documented Skeletal Collection (with S. Owers). *American Journal of Physical Anthropology*, 127(2):210-218 (published online October 2004).
- 2001 Frontiers of Contact: Bioarchaeology of Spanish Florida (with C.S. Larsen, M.C. Griffin, D.L. Hutchinson, V.E. Noble, L. Norr, C.B. Ruff, K.F. Russell, M.J. Schoeninger, M. Schultz, S.W. Simpson, and M.F. Teaford). *Journal of World Prehistory*, 15(1):69-123.
- 1995 Dust Accumulation in the Canopy: A Potential Cause of Dental Microwear in Primates (with P.S. Ungar, M.F. Teaford, and K.E. Glander). *American Journal of Physical Anthropology*, 97(2):93-99.
- 1992 Dietary Adaptations and Dental Microwear in Mesolithic and Chalcolithic South Asia. In: Culture, Ecology, and Dental Anthropology. J.R. Lukacs (ed.). *Journal of Human Ecology, Special Issue. 2*:215-228. Indian Society for Human Ecology. Delhi, India: Kamla-Raj Enterprises.
- 1990 Activity Induced Patterns of Dental Attrition at Mehrgarh (with J.R. Lukacs). In: *South Asian Archaeology 1987*. Part I. M. Taddei (ed.). Naples: Istituto Universitario Orientale.
- 1988 Activity Induced Patterns of Dental Abrasion in Prehistoric Pakistan: Evidence from Mehrgarh and Harappa (with J.R. Lukacs). *American Journal of Physical Anthropology*, 76(3):377-398.
- Chapters:
- 2008 Can we Estimate Post-Mortem Interval from an Individual Body Part? A Field Study using *Sus scrofa* (with B. Franicevic). In: *Proceedings of the 9th Annual BABAQ Conference, September 2007*. M. Lewis and M. Clegg (eds.). British Archaeological Reports Series, London: Archaeopress. (In Review)
- 2008 Dental Microwear. In: *Harappa Cemetery Excavation, 1986-1988 and 1994*. M. Kenoyer and R.H. Meadow (eds). Peabody Museum Research Reports. Cambridge: Harvard University. (In Press)
- 2001 Tooth Use and Function: Microwear Evidence (with M.F. Teaford, C.S. Larsen, and V.E. Noble). In: *Bioarchaeology of La Florida: Human Biology in the Northern Frontier New Spain*. C.S. Larsen (ed). Gainesville: University Press of Florida. Pp.82-112.
- 1992 Dental Microwear and Attrition (with T.J. Johnston). In: *Human Skeletal Remains from Mahadaha: A Gangetic Mesolithic Site*. K.A.R. Kennedy, J.R. Lukacs, R.F. Pastor, T.L. Johnston, N.C. Lovell, J.N. Pal, B.E. Hemphill, and C.B. Burrow. South Asia Occasional Papers and Theses, No. 11. South Asia Program. Ithaca: Cornell University. Pp. 271-304.

Abstracts:

- 2007 Sex Determination using the Second Cervical Vertebra – A Test of the Method (with E. Marlow). *American Journal of Physical Anthropology*, Supplement 44:164.
- 2006 The Sore Price of Piety: Osteological Evidence of Kneeling (with C. Bennett and J. Buckberry). *American Journal of Physical Anthropology*, Supplement 129(42):144.
- 2006 The Utility of Carpal Bones for Sex Determination (with C. Sulzmann and J. Buckberry). *American Journal of Physical Anthropology*, Supplement 129(42):173-174.
- 2006 Evaluation of the Relationship Between Fifth Metatarsal Length and Foot Length / Shoe Size: A Possible Aid in Human Identification (with A. Reynard). *Proceedings of the American Academy of Forensic Sciences*. Volume 12:307-308.
- 2005 Sexual Dimorphism in Vertebral Dimensions at the T12/L1 Junction. *Proceedings of the American Academy of Forensic Sciences*. Volume 11:302-303.
- 2003 The Taphonomy of Soft Tissue Preservation in Anaerobic Conditions – The Queen Street Mission Crypt, Huddersfield, England (with S. McShane and M.A. Green). *American Journal of Physical Anthropology*. Supplement 36:165.
- 2002 An Analysis of a Quantitative Method for Rib Seriation using the Spitalfields Documented Skeletal Collection (with S. Owers). *American Journal of Physical Anthropology*. Supplement 34:123.
- 2002 Fracture Patterns in Abused Children: A Study of Skeletal Trauma Among Battered Children in a Clinical Cohort from the Leeds (UK) Metropolitan Area (with S.M. deJager Burford and C.J. Hobbs). *Proceedings of the American Academy of Forensic Sciences*. Volume 8:247.
- 2002 The Analysis of Ancestry from Skeletal Remains and the Treatment of the Race Concept by British Forensic Scientists (with J.N. Daines). *Proceedings of the American Academy of Forensic Sciences*. Volume 8:231.
- 2000 Cranial Trauma Patterns and Gunshot Wounds in an Autopsy Sample from the United Kingdom (with M.A. Green and I. McIntyre). *Proceedings of the American Academy of Forensic Sciences*. Volume 6:238.
- 1998 The Recovery of Skeletal Remains of U.S. War Casualties and the Effect of Cultural Practices. *American Journal of Physical Anthropology*. Supplement 26:175-176.
- 1997 Microscopic Evidence of Anterior and Posterior Tooth Use in Native Populations from Georgia and Florida (with M.F. Teaford, and V.E. Noble). *American Journal of Physical Anthropology*. Supplement 24:226.
- 1995 Method for Collecting and Analyzing Airborne Abrasive Particles from Neotropical Forests (with M.F. Teaford, and K.E. Glander). *American Journal of Physical Anthropology*. Supplement 20:168.
- 1995 Deciduous Dental Microwear in Live, Wild-Caught *Alouatta palliata* (with A. Pokempner, M.F. Teaford, V.E. Noble, and C.L. Burnell). *American Journal of Physical Anthropology*. Supplement 20:173.

- 1994 A Multivariate Dental Microwear Analysis of Prehistoric Groups from the Indian Subcontinent. *American Journal of Physical Anthropology*. Supplement 18:158-159.
- 1994 Dental Microwear and Diet: Costa Rican *Alouatta* Revisited (with M.F. Teaford, K.E. Glander, and P.S. Ungar). *American Journal of Physical Anthropology*. Supplement 18:194.
- 1993 The Use of Fragmentary Cremated Remains to Reconstruct Prehistoric Lifeways: A View from Southwestern Oregon. *American Journal of Physical Anthropology*. Supplement 16:156.
- 1991 Early Agricultural Intensification and Dental Microwear in the Indian Subcontinent. *American Journal of Physical Anthropology*. Supplement 12:141.
- 1990 Dental Microwear and Attrition among Mesolithic Inhabitants of South Asia. *American Journal of Physical Anthropology*. 81:279.

Contract Reports:

- 1989 *Cultural Resources Inventory for Sutton Mountain Land Exchange, Phase IV, Wheeler County, Oregon*. Prineville District, USDI Bureau of Land Management Report No. 89-05-45(+).
- 1987 Partially Cremated Human Remains from Elk Creek Lake, Oregon, Site 35JA100. In: *Data Recovery at Sites 35JA27, 35JA59, and 35JA100, Elk Creek Lake Project, Jackson County, Oregon*. R. M. Pettigrew and C. G. Lebow (eds.). Vol. 2: Appendices. Eugene: INFOTEC Research, Inc. Pp. K1-K13.

IN PREPARATION:

- Robert F. Pastor. Sexual Dimorphism in Vertebral Dimensions at the T12 / L1 Junction. (Manuscript in progress, expected submission to *Journal of Forensic Sciences* in 2008).
- Robert F. Pastor. Prehistoric Dietary Transition in the Greater Indus and Ganga Valleys: A Dental Microwear Analysis. (Invited submission to *British Archaeological Reports*, manuscript in progress).
- Robert F. Pastor. Dental Microwear Among Prehistoric Inhabitants of the Indian Subcontinent: A Quantitative and Comparative Analysis. (Manuscript in progress, expected submission to *American Journal of Physical Anthropology*).
- Robert F. Pastor, Ingrid Mainland, and Mark Kenoyer. Characterisation of Abrasive Contaminants in Experimentally Produced Samples of Stone Ground Grains from the Bronze Age site of Harappa: Implications for Dental Microwear and Dietary Reconstruction. (Manuscript in progress, expected submission to *Journal of Archaeological Sciences*).
- Alison Peaper and Robert F. Pastor. Skeletal Implications for the Association between Facial Asymmetry and Finger Length. (Manuscript in progress, expected submission to *Evolutionary Anthropology* or *American Journal of Physical Anthropology*).
- Caroline Bennett, Robert F. Pastor, and Jo Buckberry. The Sore Price of Piety: Osteological Evidence of Kneeling. (Manuscript in progress, expected submission to *International Journal of Osteoarchaeology*).
- Nurliza Abdullah and Robert F. Pastor. Laryngo-hyoid Injuries and the Association with Blunt Neck Trauma in a Malaysian Autopsy Sample. (Manuscript in progress, expected submission to *American Journal of Forensic Medicine and Pathology*).

Amelia Turnbull and Robert F. Pastor. Antemortem Healed Facial Fractures in a British Naval Cemetery Sample: Analysis of Crania from the Greenwich Naval Hospital Cemetery. (Manuscript in progress, expected submission to *American Journal of Physical Anthropology*).

Sarah McShane, Robert F. Pastor, and Michael A. Green. The Taphonomy of Soft Tissue Preservation in Anaerobic Conditions: The Queen Street Mission Crypt, Huddersfield, England. (Manuscript in progress, expected submission to *Forensic Science International*).

Robert F. Pastor, Michael A. Green, and Iain McIntyre. Blunt-Force and Ballistic-Force Cranial Trauma in a Northern England Autopsy Sample. (Manuscript in progress, expected submission to *Forensic Science, Medicine, and Pathology*).

UNPUBLISHED CONTRACT REPORTS:

2006 *Forensic Anthropology Report on Juvenile Remains Recovered from 19th Century Church Cemetery Site*. Report to HM Coroner, Bradford, West Yorkshire.

2003 *Forensic Anthropology Report on Recovered Partially Skeltonized Remains from the Sunken Trawler, MV Gaul*. Report to the Department of Transport. London.

2003 *Skeletal Report: Analysis of Fragmentary Archaeological Skeletal Remains Excavated from Wealstun Prison site, Wetherby, West Yorkshire*. West Yorkshire Police, Leeds.

2003 *Forensic Anthropology Report: Analysis of Exhumed Human Skull*. Northumbria Police, North Shields, Tyne and Wear, England.

2001 *Skeletal Report: Analysis of Archaeological Skull Discovered near Halifax*. Halifax Police.

2000 *Preliminary Report: Examination and Analysis of Thermally Altered Skull*. London Metropolitan Police, London.

2000 *Forensic Anthropology Reports*. Postmortem Examinations and Anthropological Analyses of 100+ Decomposed Individual Remains from Kosovo Conflict, United Nations International Tribunal for the Former Yugoslavia, Orahovac and Prizren, Kosovo.

2000 *Skeletal Report: Analysis of Possible Juvenile Mammal Skeletal Fragments*. Mansfield Police Constabulary, Nottingham.

1999 *Skeletal Report: Analysis of Archaeological Fragment of Mandibular Corpus and Teeth, Eroded from Highway Embankment*. Norfolk Police

1998 *Report on Forensic Archaeological Excavations and the Recovery of Human Remains at 117 Gough Road, Edgbaston, Birmingham* (with P. Cheetham). Report to the West Midlands Police, Birmingham, England.

THESIS AND DISSERTATION DIRECTOR:

2007 Faridah Mohd Nor: *A Comparative Microscopic Study of Human and Non-Human Long Bone Histology*. Ph.D dissertation, University of Bradford, Bradford. (in preparation)

2006 Emily Marlow: *Sex Determination using the Second Cervical Vertebra – A Test of the Method*. MSc dissertation, University of Bradford, Bradford.

2006 Stephanie Potter: *The Forensic Application of Determining Body Mass from Trunk Dimensions*. MSc dissertation, University of Bradford, Bradford.

- 2006 Mohamad Azaini Ibrahim: *Visibility of the Oval Window - Discerning Asian from European Skulls*. MSc dissertation, University of Bradford, Bradford.
- 2006 Kristen Barber: *Admissibility of Scientific Evidence and Expert Witness Testimony: A Study from American Court Cases*. MSc dissertation, University of Bradford, Bradford.
- 2006 Amy Tillotson: *An Evaluation of Facial Reconstruction in Archaeology and Forensic Anthropology*. MSc dissertation, University of Bradford, Bradford.
- 2006 Rashael Asslanian: *Animal Scavenging Behaviour in Rural Yorkshire*. MSc dissertation, University of Bradford, Bradford.
- 2005 Ross Atkinson: *The Utility of Tarsal Elements for Sex Determination*. MSc dissertation, University of Bradford, Bradford.
- 2005 Caroline Bennett: *The Sore Price of Piety: Osteological Evidence of Kneeling*. MSc dissertation, University of Bradford, Bradford.
- 2005 Jocelyn DeJong: *The Preauricular Sulcus: An Indicator of Weight in Males?* MSc dissertation, University of Bradford, Bradford.
- 2005 Abigail Ramsay: *Effects of Dermestid Beetles on Soft Tissue Removal and Bone Surface Morphology*. MSc dissertation, University of Bradford, Bradford.
- 2005 Catherine Sulzmann: *The Utility of Carpal Bones for Sex Estimation*. MSc dissertation, University of Bradford, Bradford.
- 2005 Veronica Willard: *Assessment of the Lamendin Dental Aging Method using South African and African-American Samples*. MSc dissertation, University of Bradford, Bradford.
- 2005 Owen Cross: *Implications of Embedded Phytoliths in Dental Calculus for Dietary Reconstruction in Roman and Medieval Archaeological Samples*. BSc dissertation, University of Bradford, Bradford.
- 2004 Alison Peaper: *An Investigation of the Association between Cranial and Hand Bone Asymmetry in Skeletal Material*. MSc dissertation, University of Bradford, Bradford.
- 2004 Amelia K. Turnbull: *Assessment, Analysis, and Comparison of Cranial Trauma Found at the Greenwich Naval Hospital*. MSc dissertation, University of Bradford, Bradford.
- 2004 Nurliza Abdullah: *Variation in Laryngohyoid Injuries of the Throat and their Relation to Modes of Blunt Neck Trauma*. MSc dissertation, University of Bradford, Bradford.
- 2004 Kerry-Ann Martin: *Skeletal Dimorphism in Juvenile Lumbar Vertebrae*. MSc dissertation, University of Bradford, Bradford.
- 2004 Angela J. Reynard: *Relationship between Metatarsal Length and Foot Length/Shoe Size: A Possible Aid in Human Identification*. MSc dissertation, University of Bradford, Bradford.
- 2004 Karen Chapman: *Abrasive Contaminants in Experimentally Produced Samples of Stone Ground Grains from the Bronze Age site of Harappa: An Ethnoarchaeological Analysis*. BSc dissertation, University of Bradford, Bradford.

- 2003 Zoe J. Griffiths: *A Comparison of the Dental Morphological Trait Frequencies in a Romano-British, Medieval and Modern Sample Population*. MSc dissertation, University of Bradford, Bradford.
- 2003 Lynne S. Cowal: *Dimensional Variation in the Ulna: A Method for Sex Assessment*. MSc dissertation, University of Bradford, Bradford.
- 2003 Robin N.M. Feeney: *An Investigation of Ultrasound Methods for the Assessment of Sex and Age from Intact Human Teeth*. MSc dissertation, University of Bradford, Bradford.
- 2003 Alex Gibson: *Microbial Staining of Bone*. MSc dissertation, University of Bradford, Bradford.
- 2003 Marlene S. Ellerker: *Historical Evidence: The Initial Tanning Process of Pigskin as an Analogue for Human Skin Buried in Peat*. MSc dissertation, University of Bradford, Bradford.
- 2003 Neal Anthwal: *The Effect of Cremation on the Macroscopic and Microscopic Features of Sharp Force Trauma Lesions in Mammalian Bone*. MSc dissertation, University of Bradford, Bradford.
- 2003 Chris J. Weatherby: *Differentiating Female Victims of Abuse and Assault*. MSc dissertation, University of Bradford, Bradford.
- 2002 Sarah McShane: *The Taphonomy of Soft Tissue Preservation in Anaerobic Conditions: The Queen Street Mission Crypt, Huddersfield*. MSc dissertation, University of Bradford, Bradford.
- 2002 Alan G. Robinson: *The Present and Future of Forensic Anthropological Investigations of Human Rights Violations in Guatemala: The Uneasy Transition from Humanitarian Missions to International Tribunals*. MSc dissertation, University of Bradford, Bradford.
- 2002 Susanne Fredlund: *The Analysis of the Instrumental Development, Process and Methods for Designing an Electronic Nose as an Aid in a Forensic Investigation*. MSc dissertation, University of Bradford, Bradford.
- 2001 Sonya K. Owers: *A Test of New and Developed Quantitative Methods for Human Rib Seriation on the Christ Church, Spitalfields Crypt Burials*. MSc dissertation, University of Bradford, Bradford.
- 2000 Saskia S.M. deJager: *Fracture Patterns in Abused Children: A Study of Battered Children Admitted to St James' University Hospital and Leeds General Infirmary in Leeds, U.K.* MSc dissertation, University of Bradford, Bradford.
- 2000 Katherine E. Barlow: *A Study of Factors Affecting the Accuracy of the Pelvic Ageing Techniques: Pelvic Dimensions and Robusticity of the Femur at Christ Church, Spitalfields, London*. MSc dissertation, University of Bradford, Bradford.
- 1999 Anna Williams: *An Empirical Investigation into the Effect of Body Weight on the Depth of Shoeprint Impressions in Two Substrates, with Reference to the Potential Value of Shoeprint Impression Depth as a Predictor of Body Weight*. MSc dissertation, University of Bradford, Bradford.
- 1999 Timothy J.U. Thompson: *A Preliminary Investigation into the Influence of Burning on the Ability to Sex the Pelvis*. MSc dissertation, University of Bradford, Bradford.

1999 Orlaith A. Kingston: *A Validation of the Christmas Tree Stain for the Detection of Spermatozoa in Human Ejaculate*. MSc dissertation, University of Bradford, Bradford.

EXTERNAL EXAMINER/PH.D DISSERTATION COMMITTEE MEMBER:

2003 Patrick Mahoney: *Human Dental Microwear in Natufian Hunter-Gatherers and Pre-Pottery Neolithic B Agriculturalists from Northern Israel*. Ph.D dissertation, University of Sheffield, Sheffield.

1999 Christine M. Freeth: *Dental Health in Biocultural Perspective: The Prevalence, Pattern and Distribution of the Dental Diseases in British Archaeological Populations from a Geographic, Demographic and Temporal Viewpoint*. Ph.D dissertation, University of Bradford, Bradford

MEETING/CONFERENCE ACTIVITIES:

2007 Inter-tidal Decomposition Patterns in Croatia: An Experiment using *Sus scrofa* Pedal Elements (with B. Franicevic). Poster presented at the 59th Annual Meeting of the American Academy of Forensic Sciences, San Antonio, February 19-24, 2007.

2007 Sex Determination using the Second Cervical Vertebra – A Test of the Method (with E. Marlow). Poster presented at 76th Annual Meeting of the American Association of Physical Anthropologists, Philadelphia, Pennsylvania, March 27-April 1, 2007.

2006 Evaluation of the Relationship Between Fifth Metatarsal Length and Foot Length / Shoe Size: A Possible Aid in Human Identification (with A. Reynard). Poster presented at the 58th Annual Meeting of the American Academy of Forensic Sciences, Seattle, Washington, February 20-25, 2006.

2006 The Sore Price of Piety: Osteological Evidence of Kneeling (with C. Bennett and J. Buckberry). Poster presented at 75th Annual Meeting of the American Association of Physical Anthropologists, Anchorage, Alaska, March 8-11, 2006.

2006 The Utility of Carpal Bones for Sex Determination (with C. Sulzmann and J. Buckberry). Poster presented at 75th Annual Meeting of the American Association of Physical Anthropologists, Anchorage, Alaska, March 8-11, 2006

2005 Vertebral Sexual Dimorphism at the T12/L1 Junction: A Discriminant Function Analysis of the Spitalfields and Terry Collections. Paper presented at the 7th Annual Meeting of the British Association for Human Identification, University College Dublin, Ireland, April 1-2, 2005.

2005 Sexual Dimorphism in Vertebral Dimensions at the T12/L1 Junction. Paper presented at the 57th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, Louisiana, February 21-26, 2005.

2003 The Taphonomy of Soft Tissue Preservation in Anaerobic Conditions – the Queen Street Mission Crypt, Huddersfield, England (with S. McShane and M.A. Green). Poster presented at 72nd Annual Meeting of the American Association of Physical Anthropologists, Tempe, Arizona, April 23-26, 2003.

2002 Skeletal Trauma and Fracture Patterns in Abused Children: A Clinical Study of Battered Infants and Young Children from Leeds (with S. de Jager Burford, and C.J. Hobbs). Paper presented at the 2nd Annual Meeting of the British Association for Human Identification, University of Bradford, Bradford, UK, May 3-4, 2002.

- 2002 An Analysis of a Quantitative Method for Rib Seriation using the Spitalfields Documented Skeletal Collection (with S. Owers). Poster presented at 71st Annual Meeting of the American Association of Physical Anthropologists, Buffalo, New York, April 10-13, 2002.
- 2002 Fracture Patterns in Abused Children: A Study of Skeletal Trauma Among Battered Children in a Clinical Cohort From the Leeds (UK) Metropolitan Area (with S. de Jager Burford, C.J. Hobbs). Invited paper presented in the Symposium "Recognition of Child Abuse," 54th Annual Meeting of the American Academy of Forensic Sciences, Atlanta, Georgia, February 11-16, 2002.
- 2002 The Analysis of Ancestry from Skeletal Remains and the Treatment of the Race Concept by British Forensic Scientists (with J. Daines). Paper presented at the 54th Annual Meeting of the American Academy of Forensic Sciences, Atlanta, Georgia, February 11-16, 2002.
- 2000 Blunt-Force and Ballistic-Force Cranial Trauma in a Northern England Autopsy Sample (with M.A. Green and I. McIntyre). Poster presented at the Sixty-Ninth Annual Meeting of the American Association of Physical Anthropologists, San Antonio, Texas, April 12-15, 2000.
- 2000 Cranial Trauma Patterns and Gunshot Wounds in an Autopsy Sample from the United Kingdom (with M.A. Green and I. McIntyre). Paper presented at the Fifty-Second Annual Meeting of the American Academy of Forensic Sciences, Reno, Nevada, February 21-26, 2000.
- 1994 Prehistoric Dietary Transition in the Greater Indus Valley: A Dental Microwear Analysis. Paper presented at *23rd Annual Conference on South Asia*, Archaeology Mini-conference: Changing Perspectives of the Indus Valley Tradition, Madison, Wisconsin, November 4-6, 1994.
- 1994 Introduction II: Dental Microwear in Prehistoric Humans. Presentation made in symposium at *63rd Annual Meeting of the American Association of Physical Anthropologists*, Denver, Colorado, March 29-April 2, 1994.
- 1990 A Dental Microwear Analysis of Agricultural Intensification in the Indus Valley. Paper presented at *18th Annual Meeting of Canadian Association for Physical Anthropology*, Banff, Alberta, November 29-December 1, 1990.
- 1990 Dental Microwear, Attrition, and Diet in the South Asian Mesolithic and Chalcolithic. Paper presented at *43rd Northwest Anthropological Conference*, Eugene, Oregon, March 22-24, 1990.
- 1988 Osteological Analysis of a Late Prehistoric Indian Cremation from the Elk Creek Valley. Paper presented at *41st Northwest Anthropological Conference*, Tacoma, Washington, March 10-13, 1988.
- 1987 Activity Induced Patterns of Dental Abrasion in Prehistoric Pakistan (with J.R. Lukacs). Paper presented at the Ninth International Conference of the Association of South Asian Archaeologists in Western Europe, Fondazione Giorgio Cini, Island of San Giorgio Maggiore, Venice, Italy, July 1987.
- 1986 Clinical Evidence of Bony Lesions due to Smallpox (Osteomyelitis Variolosa), with Suggestions for its Diagnosis in Skeletal Remains from Ancient Cemeteries. Paper presented at *39th Northwest Anthropological Conference*, Moscow, Idaho, March 27-29, 1986.
- 1986 A Preliminary Report on SEM Analysis of Microwear and Microstructural Defects of Teeth from Prehistoric Skeletal Populations. Paper presented at *39th Northwest Anthropological Conference*, Moscow, Idaho, March 27-29, 1986.

1984 Anthropometric Measurements and Submaximal Exercise Performance of Native High Altitude Boys. Paper presented at *Olympic Scientific Congress*, Eugene, Oregon, July 24, 1984.

1984 Anthropometry and Submaximal Work Performance of Preadolescent Aymara Boys at High Altitude. Paper presented at *37th Northwest Anthropological Conference*, Spokane, Washington, April 1984.

CONTRACTS/CONSULTING:

2006 Analysis of Juvenile Remains from 19th Century Church Cemetery Site, Coroner's Office, Bradford, West Yorkshire.

2005 Analysis of Fragmentary Animal Remains from Halifax Excavation, West Yorkshire Police CID, Halifax.

2003 Guest Lectures on Forensic Anthropology and Archaeology. DipFHID Course, St George's Hospital Medical School, London.

2003 Analysis of Partially Skeltonized Remains Recovered from the Sunken Trawler, MV Gaul. The Department of Transport, London.

2003 Analysis of Fragmentary Human Skeletal Assemblage Excavated from Wealstun Prison Site, Wetherby, West Yorkshire Police, Leeds.

2003 Forensic Anthropology Analysis of Exhumed Human Skull. Northumbria Police, North Shields, Tyne and Wear, England.

2002 Consultation on Decomposition and Taphonomy of Submerged Body. Marine Unit, Southampton Constabulary, Hampshire Police.

2002 Consultation on Burned and Partially Skeletonized Remains, Exhibiting Blunt-Force Trauma. Chesterfield Police.

2002 Consultation on Undersea Search, Recovery and Analysis of Remains Discovered in Sunken Trawler. Humberside Police, Hull.

2001 Skeletal Analysis of Archaeological Skull Discovered near Halifax. Halifax Police.

2001 Consultation on Dismembered Skeletal Remains. National Crime Faculty, National Police College, Bramshill.

2000 Examination and Preliminary Analysis of Thermally-Altered Skull. London Metropolitan Police, London.

2000 Consultation: Estimation of Marine Submersion Intervals using Marine Invertebrates. Wiltshire Police.

2000 Consultation: Taphonomy, Search and Recovery of Remains Buried in Compost Heap. West Yorkshire Police, Wetherby.

2000 Skeletal Analysis of Possible Juvenile Skeletal Remains. Mansfield Police Constabulary, Nottingham.

1999 Consultation: Anthropological Determination of Gestational/Perinatal Age from Buried Infant Skeletal Remains. Forensic Pathologist, Lancashire.

1999 Skeletal Analysis of Fragment of Mandibular Corpus and Teeth, Eroded from Highway Embankment. Norfolk Police.

1998 Consultation on Lecture Material on Taphonomy and Excavation Methods for Buried Body. Detective Staff, Humberside Police.

1998 Archaeological Search and Exhumation of Clandestine Grave, and Forensic Anthropological Analysis of Recovered Juvenile Remains. West Midlands Police, Birmingham, England.

DISTINGUISHED/HONORARY LECTURES:

Invited Presentation, "Potential Applications of Dental Microwear Analysis in Human Identification," ICARIS Workshop on Human Identification: New Technology in Archaeology and Anthropology, Technologies for Crime Prevention and Detection Programme, Engineering and Physical Sciences Research Council (EPSRC), University of Sheffield, UK, 14 July 2004.

Invited Seminar, Royal Society of Chemists lecture series, "Backbones of the Sexes: Vertebral Dimorphism in Males and Females," Bradford, UK, 4 March 2004.

Invited Lectures, Forensic Human Identification Course, St. George's Hospital Medical School, London, 15 July 2003.

Guest Lecturer, MSc Forensic Archaeological Science course, The Institute of Archaeology, University College London, November 2001 and 2002, February 2004.

Invited Lecture, ViTARK – Seminar '99, Current Topics in Archaeological Science, Institute of Archaeology and Cultural History, Vitenskapsmuseum, Trondheim, Norway, September 1999.

Guest Lecturer, The Council for British Archaeology, West Midlands Regional Group Autumn Day School 1998 - Forensic Archaeology, 7 November 1998.

Guest Lecturer, 3rd European Forensic Anthropology Course, University of Bradford, 13-17 July 1998. Convened jointly by Department of Archaeological Sciences, University of Bradford, and the National Museum of Health & Medicine, Armed Forces Institute of Pathology, Washington, D.C.

INTERNATIONAL AND OTHER FIELDWORK:

Visiting Researcher: Metric analysis of postcranial elements and dentitions of South African Blacks from the Dart Collection, University of Witwatersrand Medical School, Johannesburg, South Africa, August to September 2004

Forensic Anthropology and Archaeology: exhumation and laboratory analysis of war crimes victims, United Nations ICTY, Orahovac and Prizren, Kosovo, July to August 2000

Forensic search and recovery missions to Southeast Asia: Laos, Vietnam, and Thailand; and Central Pacific: Republic of the Marshall Islands, August 1995 to February 1998

Primateology Co-Investigator: Research Project on Behavior, Ecology, and Diet of the Howler Monkey (*Alouatta palliata*), Guanacaste Province, Costa Rica; Johns Hopkins University and Duke University, February and July 1994, February 1995

Archaeology Field Supervisor: Oregon State Museum of Anthropology, Eugene, Oregon, Newberry Crater and Warm Springs Indian Reservation Phase III Excavations, July-September 1992

Archaeology Field Supervisor: Coastal Magnetic Search and Survey, Gresham, Oregon, Fort Rock Ranger District Survey Project, August 1991

Archaeology Field Technician: INFOTEC Research Inc., Eugene, Oregon, Goshen-Immigrant Phase II Excavation, April-May 1991

Staff Archaeologist: INFOTEC Research Inc., Eugene, Oregon, Columbia Aluminum Corporation Pipeline Survey, September 1990

Archaeologist: United States Department of Interior, Bureau of Land Management, Prineville District, Prineville, Oregon, May 1988 to November 1989

Physical Anthropology Consultant: INFOTEC Research Inc., Eugene, Oregon, Elk Creek Lake Phase III Excavation, September-October 1986

Archaeologist: Lochsa and Powell Ranger Districts, Clearwater National Forest, Orofino, Idaho, summer 1985, 1986, and 1987

Archaeology Field Assistant: Museum of Natural History, University of Oregon, Camas Valley Phase III Excavation, summer 1982

Archaeology Field Assistant: Umatilla National Forest, Oregon, Forest Archaeological Survey Project, September 1981

Archaeology Field Assistant: Bureau of Land Management, Prineville, Oregon, Prehistoric Paiute Indian Burial Excavation, May 1981

Archaeology Field Assistant: Museum of Natural History, University of Oregon, Camas Valley Survey Project, August-September 1980

Field Assistant, Illinois Natural History Survey, Gulf Coast Mexico, fall 1975

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