

CURRICULUM VITAE

Ann H. Ross

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Place of Birth: Republic of Panama

Education

- 2000 Ph.D. in Anthropology, University of Tennessee, Knoxville.
Dissertation: *Cranial and Post-cranial Variation: Regional Isolation in Eastern Europe.*
- 1995 M.A. in Anthropology, University of Tennessee, Knoxville.
- 1992 B.A. in Anthropology, Florida Atlantic University.
- 1990 B.A. in Spanish, Rollins College.

Academic Appointments

- 2003- Assistant Professor, Department of Sociology and Anthropology, North Carolina State University.
- 2002-2003 Assistant Director of Education, William R. Maples Center for Forensic Medicine, Department of Pathology, College of Medicine, University of Florida.
- 2000-2002 Postdoctoral Associate and Visiting Professor, C.A. Pound Human Identification Laboratory, Department of Anthropology, University of Florida.

Honors and Awards

- 2006 Outstanding Extension Service Award recipient and Induction into the Academy of Outstanding Faculty Engaged in Extension, NCSU.
- 2006 Nominee for Outstanding Jr. Faculty Award, NCSU, College of Humanities and Social Sciences.
- 2005 Recipient of the International Human Rights Award. Presented by the North Carolina Coalition for Human Rights.
- 2002 Ellis R. Kerley Award Recipient for Best Paper. American Academy of Forensic Sciences.

Peer Reviewed Publications

- 2007 D.T. Case, A.H. Ross
"Sex Determination from Hand and Foot Bone Lengths," *Journal of Forensic Sciences* 52:264-270.
- 2007 A.H. Ross, D.H. Ubelaker, S. Guillén
"Cranio-metric Patterning within Ancient Peru," *Latin American Antiquity* (In Press).
- 2007 E.H. Kimmerle, A.H. Ross, D.E. Slice
"Geometric Morphometric Analysis of What Matters Most- Size or Shape?" *Journal of Forensic Sciences* (Accepted with minor revisions).
- 2004 A.H. Ross
"Cranial Evidence of Multiple Population Expansions in the Caribbean," *Caribbean Journal of Science* 40: 291-298.
- 2004 A.H. Ross
"Use of Digital Imaging in the Identification of Fragmentary Human Skeletal Remains," (Case Report) *Forensic Science Communications* 6: electronic journal.
- 2004 A.H. Ross
"Regional Isolation in the Balkan Region: An Analysis of Craniofacial Variation," *American Journal of Physical Anthropology* 124: 73-80.
- 2004 A.H. Ross, D.E. Slice, D.H. Ubelaker, A.B. Falsetti
"Population Affinities of 19th Century Cuban Crania: Implications for Identification Criteria of Cuban Americans in South Florida," *Journal of Forensic Sciences* 49:11-16.
- 2003 A.H. Ross, L.E. Baker, A.B. Falsetti
"Sexual Dimorphism a Proxy for Environmental Sensitivity? A Multi-Temporal View," *Journal of the Washington Academy of Sciences* 89: 1-11.
- 2002 A.H. Ross, D.H. Ubelaker, A.B. Falsetti
"Ethnohistorical Relationships on the Iberian Peninsula," *Anthropologie* XXXX: 51-57.
- 2002 A.H. Ross, D.H. Ubelaker, A.B. Falsetti
"Cranio-metric Variation in the Americas," *Human Biology* 74: 807-818.

- 2002 D.H. Ubelaker, A.H. Ross, S. Graver
"Application of Forensic Discriminant Functions to a Spanish Cranial Sample," *Forensic Science Communications* 4: electronic journal.
- 2002 A.H. Ross, L.W. Konigsberg
"New Formulae for Estimating Stature in the Balkans," (Technical Report) *Journal of Forensic Sciences* 47: 165-167.
- 1999 A.H. Ross, A.H. McKeown, L.W. Konigsberg
"Allocation of Crania to Groups via the 'New Morphometry'," (Technical Report) *Journal of Forensic Sciences* 44: 584-587.
- 1998 W.F. McCormick, L.E. Flournoy, N.L. Rogers, A.H. Ross
"An Unusual Case of Multiple Mesosternal Foramina," (Case Report) *Journal of Forensic Sciences* 43: 704-705.
- 1998 A.H. Ross, R.L. Jantz, W.F. McCormick
"Cranial Thickness in American Females and Males," *Journal of Forensic Sciences* 43: 267-272.
- 1996 A.H. Ross
"Caliber Estimation from Cranial Entrance Defect Measurements," *Journal of Forensic Sciences* 41: 629-633.

Book Chapters

- 2006 L.W. Konigsberg, A.H. Ross, W. Jungers
"Estimation and Evidence in Forensic Anthropology. Determining Stature," in A. Schmitt and E. Cunha, eds., Forensic Anthropology and Forensic Medicine: Complementary Sciences from Recovery to Cause of Death. New Jersey, Humana Press, pp 317-331.
- 2007 A.H. Ross, E. Kimmerle
"Contribution of Quantitative Methods in Forensic Anthropology: A New Era," in S. Blau and D.H. Ubelaker, eds., Digging Deeper: Current Trends and Future Directions in Forensic Anthropology and Archaeology. Walnut Creek, Left Coast Press (Forthcoming).

Book Review

- 2006 Bodies of Evidence: Burial, Memory and the Recovery of Missing Persons in Cyprus. By P. S. Cassia 2005. In *American Anthropologist* 108: 571-2.

Research Grants

- 2007 Georgia Unidentified Decedent Data Bank (\$158,910) Submitted for National Institute of Justice Solicitation Evidence-Based Model Programs for Cold Case Units.
- 2006 "Latin American and Caribbean Population Dispersal using Three-dimensional Methods of the Geometric Morphometry," Faculty Research and Professional Development Grant, North Carolina State University (\$5333).
- 2005 "Geometric Morphometric Tools for the Classification of Human Skulls." (2005MU-BX-K078) Principal Investigator, National Institute of Justice (\$199,635).
- 2004 "The North Carolina Program for Forensic Science." Principal Investigator, University Extension and Engagement Grant, North Carolina State University (\$8000).
- 2004 CHASS Faculty Research Award, North Carolina State University.
- 2001 Collections Study Grant, American Museum of Natural History.
- 2001 Short-term Visitor Grant, National Museum of Natural History, Smithsonian Institution.
- 1999 Collections Study Grant, American Museum of Natural History.
- 1998 W.K. McClure Fund for the Study of World Affairs Grant (Bosnia). University of Tennessee.
- 1998 William M. Bass Endowment Fund Grant (Bosnia). Department of Anthropology, University of Tennessee.

Travel Grants

- 2000 Center for Latin American Studies, University of Florida.
- 1998-1999 Graduate School, University of Tennessee.
- 1994-1998 Forensic Center, Department of Anthropology, University of Tennessee.

Conference Presentations (National and International)

- 2007 S. Myster, E.H. Kimmerle, and A.H. Ross
"Cranionetrics as Jantz Taught Us: Multiple Lines of Evidence to Deduce the Affiliation of Painted "Aztec" Skulls." American Academy of Forensic Sciences, San Antonio (published abstract).
- 2007 A.H. Ross and S.E. Williams
"Repeatability and Error of Cranial Landmark Coordinates." American Academy of Forensic Sciences, San Antonio (published abstract).
- 2007 A.H. Ross, S.M. Abel, D. Radisch, B. Murnane, S. Harris, and K. Balance
"Pattern of Injury in Child Fatalities Resulting from Child Abuse." American Academy of Forensic Sciences, San Antonio (published abstract).
- 2006 D.H. Ubelaker, A.H. Ross
"An Evaluation of Ancient Population Relationships in the Caribbean from the Perspective of Traditional Cranionetrics." Society for American Archaeology, Puerto Rico.
- 2006 A.H. Ross, D.H. Ubelaker
"Three-Dimensional Craniofacial Evidence for Multiple Population Expansions in the Caribbean." Society for American Archaeology, Puerto Rico.
- 2006 A.H. Ross, E. Kimmerle, D.E. Slice, A.B. Falsetti
"What Matters- Size or Shape? Three-Dimensional Analysis of Craniofacial Sexual Variation among American Populations." American Academy of Forensic Sciences, Seattle, WA (published abstract).
- 2005 A.H. Ross, L. Suarez S.
"Identificación de un Chileno Desaparecido en La República de Panamá." (Poster) Congreso Asociación Latino Americana de Antropología Forense, Bogotá, Colombia.
- 2005 L. Suarez S., A.H. Ross
"Gerardo Olivares: Derechos Humanos 28 Años Después." (Poster) Congreso Asociación Latino Americana de Antropología Forense, Bogotá, Colombia.

- 2005 A.H. Ross, D.E. Slice, J.V. Pachar
"Forensic Identifications and the Complexity of Determining Biological Affinities of "Hispanic" Crania". American Academy of Forensic Sciences, New Orleans, LO (Published abstract).
- 2005 A.H. Ross, D.T. Case
"Sexing from hands and feet in a Euro-American sample." American Association of Physical Anthropologists, Milwaukee, WI (Published abstract).
- 2004 A.H. Ross
"Geomorphometric evidence for a Caribbean multiple population dispersal". American Association of Physical Anthropologists, Tampa, FL (Published abstract).
- 2004 D.E. Slice, A.H. Ross
"Population affinities of "Hispanic" crania: implications for forensic identification". American Academy of Forensic Sciences, Dallas, TX (Published abstract).
- 2004 L. Suarez S., K. Jemmott, A.H. Ross
"In the Name of the Dead: The Panamanian Truth Commission's Search for the "Disappeared". (Poster) American Academy of Forensic Sciences, Dallas, TX (Published abstract).
- 2004 A.H. Ross, L. Suarez S., K. Jemmott, L.M. Cotes
"Preservation in Paradise I: El Marañon Cemetery, Isla de Coiba, Republic of Panama." (Poster) American Academy of Forensic Sciences, Dallas, TX (Published abstract).
- 2004 K. Jemmott, A.H. Ross, L. Suarez S., L.M. Cotes.
"Preservation in Paradise II: A Pre-Columbian Burial in a Contemporary Cemetery." (Poster) American Academy of Forensic Sciences, Dallas, TX (Published abstract).
- 2004 L.M. Cotes, L. Suarez S., K. Jemmott, A.H. Ross
"The Archaeology of Tyranny." (Poster) American Academy of Forensic Sciences, Dallas, TX (Published abstract).
- 2003 A.H. Ross, DH. Ubelaker
"Geomorphometric Study of Artificially Modified Crania from Coastal Ecuador" (Poster) American Association of Physical Anthropologists, Tempe, AZ (Published abstract).

- 2003 A.H. Ross, B. Broce.
"In Search of Floyd Britton: Human Rights Issues on the Island of Coiba, Republic of Panama." (Poster) American Academy of Forensic Sciences, Chicago, IL (Published abstract).
- 2002 A.H. Ross, A.B. Falsetti, D.E. Slice, D.H. Ubelaker
"Population Specific Identification Criteria for Cuban Americans in South Florida." Ellis Kerly Award for Best Paper, American Academy of Forensic Sciences, Atlanta, GA, (Published abstract).
- 2001 A.H. Ross, D.H. Ubelaker, A.B. Falsetti
"Biological Effects of European Contact: Craniofacial Variation in the Americas." (Poster) American Association of Physical Anthropologists, Kansas City, MO (Published abstract).
- 2001 A.H. Ross, A.B. Falsetti
"Craniofacial Variation in Three Balkan Populations: An Example of the Utility of 3-D Data." American Academy of Forensic Sciences, Seattle, WA (Published abstract).
- 2000 A.H. Ross, D.H. Ubelaker, A.B. Falsetti
"Craniofacial Variation In The Americas: Pre- And Early European Contact." VI Congreso ALAB, Seccion Antropologia Biologica, Piriapolis, Uruguay (Published abstract).
- 2000 L.W. Konigsberg, A.H. Ross
"Bayesian forensic Anthropology." American Association of Physical Anthropologists, San Antonio, Texas (abstract in print).
- 2000 A.H. Ross, L.W. Konigsberg
"New Formulae for Estimating Stature in the Balkans." American Academy of Forensic Sciences, 2000 Annual Meeting, Reno, Nevada (Published abstract).
- 1999 A.H. Ross, R.L. Jantz, D.W. Owsley, Z. Cihlarz, T. Vedo, M. Slaus, D. Strinovic
"Allometric relationships of Americans, Croatians, and Bosnians." (Poster) American Association of Physical Anthropologists, Columbus, OH (Published abstract).
- 1999 A.H. Ross, R.L. Jantz, D.W. Owsley, Z. Cihlarz, T. Vedo, M. Slaus, D. Strinovic

"Cranial Variation Among American Whites, Croatians, And Bosnians."
American Academy of Forensic Sciences, Orlando, FL (Published abstract).

- 1998 A.H. Ross, L. Flournoy
"Sexual Dimorphism: Transitions Between Hunter-Gatherer, Agricultural, and Contemporary Societies." (Poster) American Association of Physical Anthropologists, Salt Lake City, Utah (Published abstract).
- 1998 A.H. Ross, A.H. McKeown, L.W. Konigsberg
"Allocation of Crania to Groups Via the "New Morphology."
American Academy of Forensic Sciences, San Francisco, CA (Published abstract).
- 1997 A.H. Ross, R.L. Jantz W.F. McCormick
"Cranial Vault Thickness in a Modern Caucasian Sample."
American Academy of Forensic Sciences, New York City, NY (Published abstract).
- 1996 A.H. Ross
"Handgun Caliber Estimation from Cranial Entrance Defects."
(Poster) American Association of Physical Anthropologists, Durham, NC (Published abstract).
- 1996 A.H. Ross
"Estimating Caliber from Cranial Entrance Wound Measurements."
American Academy of Forensic Sciences, Nashville, TN (Published abstract).

Significant Roles in Professional Meetings

- 2006 New Perspectives on the Prehistoric Settlement of the Caribbean, Symposium at the Society for American Archaeology Conference, Puerto Rico (Co-chair).
- 2001 Moderator for Physical Anthropology Section, American Academy of Forensic Sciences, Seattle, WA.
- 1999 Moderator for Physical Anthropology Section, second session Statistical Methods, Age, Race, Sex, and Stature. American Academy of Forensic Sciences, Orlando, FL.

Government Reports

- 2003 Florida Emergency Mortuary Operations Response System (FEMORS)-
Mass Fatalities Plan. For the Florida Department of Health Office of
Emergency Operations.
- 2003 Florida Emergency Mortuary Operations Response System (FEMORS)-
Training Guide. For the Florida Department of Health Office of
Emergency Operations.

Professional Memberships

American Academy of Forensic Sciences.
American Association of Physical Anthropologists.
Asociación Latinoamericana de Antropología Forense.
NCSU Chapter of Sigma Xi Scientific Honor Society.
Lambda Alpha National Anthropology Honor Society.
Society for American Archaeology.

Reviewer Services

Journal of Forensic Sciences, (Editorial Board Member, 2006-)
American Journal of Physical Anthropology
Forensic Science Communications
Annals of Human Biology
American Journal of Human Biology

University Committees and Service

- 2006- Multidisciplinary Forensic Science Center Planning Committee,
NCSU
- 2007 Academy of Outstanding Faculty Engaged in Extension (AOFEE)
Nominating Committee for New Executive Council Members,
NCSU
- 2005-2006 Park Shops Renovation Committee, NCSU
- 2005 American Judicature Society meeting with NCSU
Representatives, Department of Sociology and Anthropology-
North Carolina Program for Forensic Science Representative.
- 2004-2007 Library Liaison Committee, NCSU
- 2004-2006 Department of Sociology and Anthropology Study Abroad
Scholarship Committee, NCSU
- 2004-2005 Department Head Search Committee, Department of Sociology
and Anthropology, NCSU
- 2004-2006 Bioarchaeology B.A. Concentration Planning Committee, NCSU

- 2003-2006 Anthropology M.A. Planning Committee, NCSU
- 2003- Anthropology Curriculum Committee, NCSU
- 2003- Interdisciplinary Forensics Major Planning Committee, NCSU

Other Professional Affiliations

- 2006 SUIDI (Sudden Unexplained Infant Death Investigation), National Academy, NC Team Member. Hosted at the Centers for Disease Control and Prevention (CDC), September 18-21.
- 2005- Co-Director North Carolina Program for Forensic Science. A collaborative effort between NC State University and Office of State Archaeology Research Center. <http://www.ncforensics.org>.
- 2005- Instituto de Medicina Legal, Ministerio Publico, Republica de Panama.
- 2003 Lead Forensic Anthropologist. Exhumation and analysis of human skeletal remains. Cementerio Isla de Coiba , Panamanian Truth Commission, Republic of Panama, November. Forensic Anthropology Expert / analysis of human skeletal remains in the Morgue Judicial, Ancon, Panama, Policia Tecnica Judicial.
- 2003 Lead Forensic Anthropologist. Excavation, exhumation and analysis of human skeletal remains. Cementerio Isla de Coiba, Panamanian Truth Commission, Republic of Panama, June.
- 2002- National Disaster Medical System-DMORT, Region IV (Forensic Anthropologist), FEMA, US Department of Homeland Security.
- 2002 Project Director. Excavation, exhumation and analysis of human skeletal remains. Cementerio Isla de Coiba , Panamanian Truth Commission, Republic of Panama, February 24-March 15.
- 1997 Forensic Anthropology Consultant, Physicians for Human Rights, Forensic Monitoring Project, Hrgar, Bihac; Trebinje, Republika Srpska, Bosna I Hercegovina, Sept. 14- Oct. 8.
- 1996-2000 Graduate Assistant, Forensic Data Bank (manager). Database management and design (Paradox, Access), SAS Programming, University of Tennessee.

1995 Inventory and analysis of skeletal material, NAGPRA, McClung Museum, University of Tennessee.

Seminars Organized

2007 **Discovery and Recovery: Death Investigation in Natural Environments.** Hosted by NC State and Co-sponsored by the North Carolina Program for Forensic Science, Dept. of Entomology and College of Textiles, NC State University, and NC Justice Academy, May.

2005-2006 **Bugs, Bones, and Botany ©** A unique death investigation workshop. Hosted by NC State and Co-sponsored by the North Carolina Program for Forensic Science, Dept. of Entomology and College of Textiles, NC State University, and NC Justice Academy, May.

2004 **Discovery and Recovery of Buried Bodies-** NC Justice Academy. A collaborative effort involving the following agencies: Dr. Billy Oliver, Office of the State Archaeology Research Center (OSARC), Dr. Ann H. Ross, NC State University, Dr. John Williams, Western Carolina University and Mr. Clyde Gibbs Office of the Chief Medical Examiner's (OCME), May 24-27.

2004 **Human Osteology Workshop (HOW)-** for the NC City-County Bureau of Investigation. Jointly organized by Dr. Billy Oliver of the NC Office of State Archaeology Research Center, Dr. Laura Vick of Peace College, Dr. Ann Ross of NC State University, and Mr. Clyde Gibbs of the Office of the Chief Medical Examiner, January 23.

2003 **Florida Emergency Mortuary Operations Response System (FEMORS) Training Seminar,** Co-Organizer, March 27 and 28.

Invited Lectures

2007 **"Geometric Morphometric Tools for the Classification of Human Skulls."** National Institute of Justice General Forensic Grantees' Meeting, San Antonio (February 20th).

2007 **"Human Rights Violations in the Republic of Panama: A Forensic Anthropologists Perspective"** Alexander Global Village Speaker Series, NCSU (January 23).

- 2006 "Forensic Anthropology and the Law." NC State Bureau of Investigation (SBI) Death Investigation Training (September 12).
- 2006 "Skeletal Trauma." NC State Bureau of Investigation (SBI) Death Investigation Training (September 12).
- 2006 "Forensic Science in the Investigation of Crimes Against Humanity." Medicolegal Seminar, Sponsored by the School of Medicine of UNC at Chapel Hill and The Office of the Chief Medical Examiner And the Office of Continuing Medical Education (June 10).
- 2006 Keynote Speaker, CHASS Dual-Degree Scholars Banquet, "Forensics in the Field: An Anthropologist Assists the Panamanian Truth Commission."
- 2005 Key Participant (five presentations) in the workshop "Antropologia Forense y Actualizacion en Medicina Legal," October 27-28. Ministerio Publico, Instituto de Medicina Legal y Universidad Latina, Republic of Panama.
- 2005 Board of Visitors CHASS meeting "NC Program for Forensic Science."
- 2004 Keynote Speaker for the Environmental Protection Agency Annual Hispanic Heritage Month. Theme "Hispanic Americans, Making a Difference in Our Communities and Our Nation."
- 2004 Keynote Speaker. "Aportes de la craneometría al estudio del poblamiento del Caribe y a la investigación forense (Aplicación de los nuevos métodos de morfología geométrica)." Departamento de Historia de la Facultad de Humanidades y el Patronato Panama Viejo en la Universidad de Panama.
- 2004 Guest Lecturer. CH295F Forensic Chemistry. "Forensic Cases, War Crimes, and Human Rights," NCSU.
- 2004 Guest Lecturer. MEA 493Q Forensic Geology. "Forensic Cases, War Crimes, and Human Rights," NCSU.
- 2003 Guest Lecturer. MEA 493Q Forensic Geology. "Forensic Anthropology and Human Rights in the Republic of Panama," NCSU.
- 2001 Lecturer. III Curso De Introduccion A La Antropologia Forense. Centro de Estudios Juridicos de la Administracion de Justicia de Madrid. June 18-20, Madrid, Spain.

Courses Taught

- 2006 ANT 429 Advanced Methods in Forensic Anthropology, NCSU.
- 2004-2005 ANT 251 Introduction to Physical Anthropology, Department of Sociology and Anthropology, NCSU.
- 2003-2006 ANT370 Introduction to Forensic Anthropology, Department of Sociology and Anthropology, NCSU.
- 2001 ANT4930 Introduction to Forensic Anthropology, Department of Anthropology, University of Florida.
- 2000 ANG6930 Advanced Techniques in Forensic Anthropology, Department of Anthropology, University of Florida.

Forensic Cases

- 2005-2006 Complete skeletal analysis and reports on 2 cases for the Office of Chief Medical Examiner, UNC, NC.
- 2005 Two DMORT Deployments to Louisiana to help in the identifications of the victims from Hurricane Katrina (October and November/December).
- 2005 Complete skeletal analysis and reports on 7 forensic cases from the Republic of Panama, Morgue Judicial, Instituto de Medicina Legal.
- 2004 Complete analysis and Reports on 8 forensic cases from the Republic of Panama, Morgue Judicial Instituto de Medicina Legal.
- 2004 Photographic Superimposition and positive identification of a Chilean national found on Coiba. Traveled to the Republic of Panama for the Panamanian Truth Commission to present findings and meet with the Chilean Ambassador so the family could be notified and begin procedures to repatriate the remains.
- 2003 Complete skeletal analysis and Reports on 7 forensic cases from the Republic of Panama, Panamanian Truth Commission.
- 2000-2003 Complete analysis and Reports on 29 forensic cases. C.A. Pound Human ID Lab, University of Florida.

- 1998 Preliminary Bosnian Forensic Anthropology Database. Trained local scientist in Collection, Recording of Forensic Skeletal Material. Tuzla Medical Clinic, Prof. Dr. Zdenko Cihlarz laboratory. June 15- July 20. Bosna I Hercegovina (Funded by McClure Grant, William M. Bass III Endowment, and FORDISC, The University of Tennessee, Knoxville).
- 1997 Analysis of human skeletal remains. Massacred concentration camp detainees (MNI 74), Physicians for Human Rights, Forensic Monitoring Project, Hrgar, Bihac, Bosna I Hercegovina.