

**Anthony B. Falsetti, Ph.D.**  
Plantation, Florida  
954-812-6886; [tfalsetti@gmail.com](mailto:tfalsetti@gmail.com)

## **EDUCATION**

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**State University of New York** – Stony Brook, New York – 1990-1992

- Postdoctoral Research Fellow - Department of Ecology and Evolution  
**Fields of Interest:** Forensic Anthropology, Skeletal Biology, Human Osteology, Human Variation and Adaptation, Functional Anatomy, Quantitative Method and Theory, Forensic Medicine, Allometry, Human Growth and Development, Paleoanthropology, Dermatoglyphics

**University of Tennessee** – Knoxville, Tennessee

- Doctor of Philosophy –Biological Anthropology (*with High Honors*)- 1989
- Master of Arts – Biological Anthropology (*with High Honors*) – 1986
- Bachelor of Arts (*Cum Laude*) – Biological Anthropology - 1983

## **EXPERIENCE**

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**International Commission on Missing Persons;** Sarajevo, Bosnia - May 2010 – September 2011

*Forensic Science Department Deputy Director*

- Management of Archaeology and Anthropology Division
- Administrative oversight of 12 forensic science personnel
- Drafted and implemented multiple Standard Operating Procedures (SOPs) to address training issues for field and mortuary teams
- Drafted and implemented multiple SOPs for Quality Management
- Provide constant and consistent feedback to Iraq field programs.
- Assisted with the Podrinje Identification Project; Tuzla, Bosnia and Herzegovina
- Assisted with the Krajina Identification Project; Sanski Most, Bosnia and Herzegovina
- Establish training program for Archaeology and Anthropology Division
- Incorporated Audit and Assurance Division into Quality Management System
- Co-ordinate Discrepancy Issues Committee
- Subject matter expert advisor to ICMP Iraq Excavation and Exhumation Training Program
- Assisted with the creation of the Disaster Victim Identification Program

**University of Florida; Gainesville, Florida;** July 1996 – May 2009

*Associate Professor and Co-Director W.R. Maples Center for Forensic Medicine*

- Served as the Acting Director of Statewide Clinical Forensic Osteological Services
- Co-director, Maples Center, training and mass fatality support
- Mentorship to graduate students in biological anthropology
- Trained medical students, residents and fellows
- Served 24 medical examiner and judicial districts statewide
- Provided Pro bono support for families requiring clinical guidance and second opinion

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- Led the Program Development
- Increased the graduation rate of Ph.D. students to one every two years
- Increased number of active cases from 1000 in 28 years to over 1200
- Formalized medical student training in forensic osteological pathology
- Lectured to the Department of Pathology, Immunology and Laboratory Medicine
- Lectured to the Pharmacy Department of Medicinal Chemistry

**Armed Forces Institute of Pathology (AFIP); Washington, D.C.; 1994-1996**

*Associate Director for Research*

- Generate grant proposals for the human developmental anatomy center
- Support activities of the office of the Armed Forces Medical Examiner

**University of New Mexico; Albuquerque, New Mexico; 1992-1994**

*Visiting Assistant Professor of Anthropology*

- Classroom instruction and participation in graduate education
- Support activities of the Office of the Medical Investigation

**Additional Experience**

- **Florida Emergency Mortuary Operations Response System (FEMORS)** - Assisted in the conception of a statewide mass fatality team with over 400 volunteer professionals
- **American Society of Crime Laboratory Directors Laboratory Accreditation Board (ASCLD - Lab)** – Assisted with the creation and implemented protocols for laboratory certification – ASCLD Subject Matter Expert – Joint Prisoners of War Missing in Action Accounting Command Laboratory

**Disaster Recovery Response**

- Haitian Earthquake - (Kenyan International Emergency Response {KIER}) Assisted in the recovery of human remains – 2010
- Rio Tinto Helicopter Crash and Recovery – (KIER) Peru – Assisted in the recovery of human remains - 2008
- Thailand Tsunami - (KIER) Assisted in the recovery of human remains - 2004
- World Trade Center – (Disaster Mortuary Operation and Recovery Team {DMORT}) - New York - Assisted in the recovery of human remains - 2001
- Trans World Airline Crash 800 – (New York State Police) New York - Assisted in the recovery of human remains - 1996
- Oklahoma City Bombing – (AFIP) Oklahoma – Assisted in the recovery of human remains - 1995
- American Eagle Flight 4184 Crash - (AFIP) Indiana - Assisted in the recovery of human remains - 1994

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### **International Outreach (partial list)**

- **Russia** - Led American Team in search, recovery and identification of Tsar Nicholas' children – supported by National Geographic Society - 2008
- **Nigeria** - Provided education and training for medical residents at Lagos State University, Nigeria as part of an NIJ sponsored research project & interviewed witnesses, prepared maps for recovery of mass graves in Asaba, Nigeria. – 2008

### **PROFESSIONAL AFFILIATIONS**

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- **American Academy of Forensic Sciences** - *Fellow*
- **American Academy of Forensic Sciences** - Continuing Education Committee –*Member*
- **American Academy of Forensic Sciences** - *Journal of Forensic Sciences* - Editorial Board Member – Retired
- **United States Department of Justice –National Institute of Justice** - International Criminal Investigative Training Assistance Program (ICITAP), Forensic Advisor to Colombia
- **British Association for Human Identification** – *Member*
- **Scientific Working Group on Disaster Victim Identification (SWGDI)** - *Member*
- **Scientific Working Group on Medicolegal Death Investigation (SWGMDI)** - *Member*
- **American Board of Forensic Anthropology** – *Diplomate* - No. 47

### **HONORS AND AWARDS**

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- **American Airlines** - Appreciation (for work on the American Eagle Flight 4184 Crash; Indiana, 1994)
- **State of Oklahoma; Office of the Medical Examiner** – Appreciation (for work on the Oklahoma City Bombing, April 19, 1995)
- **Oklahoma State Funeral Directors** - Appreciation, (for work on the Oklahoma City Bombing, April 19, 1995)
- **State of New York; Office of the Suffolk County Medical Examiner** - Appreciation (for work on the TWA 800 Crash, August 1996)
- **United States Public Health Service** - Appreciation, (Activation, 1995: Oklahoma City, OK)
- **Federal Aviation Administration** – Appreciation -1995
- **National Disaster Medical System** – Appreciation (Activation 1994: Albany, Georgia)
- **United States Public Health Service** – Appreciation (Activation 1994: Albany, Georgia)

### **PUBLICATIONS (THESIS)**

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- **Anthropometry of Native North American Indians from the Northwest Coast, Arctic, Subarctic, Great Basin and California: An Examination of Scaling Phenomena.** Ph.D. Dissertation, Department of Anthropology, University of Tennessee, Knoxville, Tennessee 1989
- **Allometric Variation of the Postcranial Skeleton in Two South American Tamarins *Saguinus oedipus oedipus* and *Saguinus fuscicollis illigeri* (Callitrichidae, Primates).** M.A.

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Thesis, Department of Anthropology, University of Tennessee, Knoxville, Tennessee.  
1986

### **PUBLICATIONS (REFERRED JOURNALS ONLY)**

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- *The influence of sex, age, and BMI on the degeneration of the lumbar spine.* Journal of Anatomy. L.A. Zukowski, A.B. Falsetti, and M. Tillman. Jan; 220 (1): 57-66 2012
- *Intercondylar eminences and their effect on the maximum length measure of the tibia.* Journal of Forensic Sciences. (E. Waxenbaum, D.R. Hunt, and A.B. Falsetti). **55**:145-148. 2010
- *Mystery Solved: The Identification of the Two Missing Romanov Children Using DNA Analysis.* M. D. Coble, O. M. Loreille, M. J. Wadhams, S. M. Edson, K. Maynard, C. E. Meyer, H. Niederstätter, C. Berger, B. Berger, A. B. Falsetti, P. Gill, W. Parson, L. N. Finelli. PLoS ONE 4(3): e4838. doi:10.1371/journal.pone.0004838. 2009
- *Sequential Monitoring of Burials Containing Large Pig Cadavers Using Ground Penetrating Radar.* Journal of Forensic Sciences (J.J. Schultz, Collins, M.E., and A.B. Falsetti) **51**:607-616. 2006
- *Population affinities of 19<sup>th</sup> Century Cuban crania: Implications for identification criteria in South Florida Cuban Americans.* Journal of Forensic Sciences, (A.H. Ross, D.E. Slice, Falsetti, A.B., and D.H. Ubelaker. **49**:11-16. 2004
- A Taphonomic Profile to Aid in the Recognition of Human Remains from Historic and/or Cemetery Contexts. The Florida Anthropologist, (J.J. Schultz, M.A. Williamson, Falsetti, A.B., S.P. Nawrocki, and M.W. Warren). **56**(2)141-147. 2003
- Ethnohistorical Relationships on the Iberian Peninsula. Anthropologie, (A. Ross, D.H. Ubelaker, and A.B. Falsetti). **XL/1**:51-57. 2002
- *Craniometric Variation in the Americas.* Human Biology, (A.H. Ross, Falsetti, A.B., and D. Ubelaker). **47**:807-818. 2002
- Elemental Analysis of Bone: Proton-induced x-ray emission testing in forensic cases. (Kravchenko, F.E. Dunnam, H.A. Van Rinsvelt, A.B. Falsetti, M.W. Warren, and W.R. Maples). Forensic Sciences International, **125**:37-41. 2002
- The Detection of Forensic Burials in Florida using GPR. Proceedings of the Ninth International Conference on GPR, Santa Barbara, California, (Schultz J, Falsetti A, Collins M, Koppelman S, Warren M.) p. 443-448. 2000
- Hyperostosis cranii ex vacuo in Adults: A consequence of brain atrophy from diverse causes. Journal of Forensic Sciences. (D. A. Wolf and A.B. Falsetti). **46**:370-373. 2001

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- A Forensic Application of PIXIE Analysis. (I.I. Kravchenko, F.E. Dunnam, H.A. Van Rinsvelt, A.B. Falsetti, and M.W. Warren). Application of Accelerators in Research and Industry. Duggan JL and Morgan IL (eds.) American Institute of Physics Press. **576**:421-424. 2000
- Evidence of Arteriosclerosis in Cremated Remains. The American Journal of Forensic Medicine and Pathology (M. Warren, A.B. Falsetti, W. Hamilton and L. Levine). **20**(3):277-280. 1999
- A New Method for Discriminating African-American from European-American Skeletons Using Postcranial Osteometrics Reflective of Body Shape. Journal of Forensic Sciences (T. Holliday & A.B. Falsetti). **44**:926-930. 1999
- Maples Symposium Introduction. Journal of Forensic Sciences. **44**:675. (with D. Austin-Smith and A.B. Falsetti) 1999
- A Thousand Tales of Dead Men: The Forensic Anthropology Cases of William R. Maples, Ph.D. Journal of Forensic Sciences. **44**:682. 1999
- Shape, Relative Size, and Size-Adjustments in Morphometrics. Yearbook of Physical Anthropology (W.L. Jungers, A.B. Falsetti, and C.E. Wall). **38**:137-161. 1995
- Lower Limb Length of European Early Modern Humans in Relation to Mobility and Climate. Journal of Human Evolution (T.W. Holliday, and A.B. Falsetti). **29**:141-153. 1995
- Sex Assessment from Metacarpals of the Human Hand. Journal of Forensic Sciences. **40**:774-776. 1995
- Circum-Mediterranean Biological Connections and the Pattern of Late Pleistocene Human Evolution. In: Man and Environment in the Palaeolithic (ed.) H. Ullrich (F.H. Smith, A.B. Falsetti, and T. Simmons). 197-207. 1995
- Genetic Structure of Human Populations in the British Isles. Annals of Human Biology (A.B. Falsetti and R.R. Sokal). **20**:215-229. 1993
- Morphometrics of the Callitrichid Forelimb: A case study in size and shape. International Journal of Primatology (A.B. Falsetti, W.L. Jungers and T.M. Cole). **14**:551-572. 1993
- Genetic Relationships of European Populations Reflect their Ethnohistorical Affinities. American Journal of Physical Anthropology (R.R. Sokal, G.M. Jacquez, N.L. Oden, E. McGee, B. Thomson, A.B. Falsetti and D. DiGiovanni). **91**:55-70. 1993
- Relative Growth of the Postcranial Skeleton in Callitrichines. Journal of Human Evolution (A.B. Falsetti and T.M. Cole). **23**:79-92. 1992
- Variation Among North Amerindians: Analysis of Boas' Anthropometric Data. Human Biology (R.L. Jantz, A.B. Falsetti and D.R. Hunt, and P.J. Key). **64**:435-461. 1992

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- Forensic Anthropology. *Evolutionary Anthropology*. **1**:41-42. 1992
- Inaccuracy of Height Information on Driver's Licenses. *Journal of Forensic Sciences* (P. Willey and A.B. Falsetti). **36**:813-819. 1991
- Frontal Bone Morphometrics of Southwest Asian Pleistocene Hominids. *Journal of Human Evolution* (F.H. Smith, A.B. Falsetti, and T. Simmons). **20**:249-269. 1991
- Modern Human Origins. *Yearbook of Physical Anthropology* (F.H. Smith, A.B. Falsetti, and S. Donnelly). **32**:35-68 1989

#### **PUBLICATIONS (BOOK CHAPTERS)**

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- Human Skeletal Remains: Was He a She or She a He? S. Fairgrieve (Ed): *Forensic Osteological Analysis: Case Studies in Forensic Anthropology* (H. Walsh-Haney, A.B. Falsetti and C. Katzmarzyk) C. C. Thomas. 1999
- DISH, Rats, and a Rolex®. S. Fairgrieve (Ed): *Forensic Osteological Analysis: Case Studies in Forensic Anthropology* (M. Warren and A.B. Falsetti). C.C. Thomas. 1999

#### **SOFTWARE AND BOOK REVIEWS (REFERRED JOURNALS ONLY)**

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- Biological Anthropology of the Human Skeleton. Edited by M. Anne Katzenberg and Shelly R. Sauders. Xxiv + 504 pp. New York: Wiley-Liss. 2002. *American Journal of Human Biology*. **14**:688-690. 2002
- A Review of GEODAT: A Geographic Database. *Quarterly Review of Biology*. **68**:649-650. 1993

#### **PAPERS PRESENTED AT PROFESSIONAL MEETINGS**

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##### *American Academy of Forensic Sciences and the National Association of Medical Examiners:*

- The Search, Recovery and Identification of the Tsar's Children. *Proceedings of the American Academy of Forensic Sciences*, Paper presented to the Last Word Society at the Annual Meeting of the American Academy of Forensic Sciences. (with M. Coble, and P. Sarandinaki). 2009
- Introduction to uses of Quantitative Methods in Physical/Forensic Anthropology. *Proceedings of the American Academy of Forensic Sciences*, Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Washington, DC. 2008
- A Population Approach to the Problem of the Missing and Unidentified with Emphasis on the Status of Migrant and Undocumented Workers. *Proceedings of the American Academy of Forensic Sciences*, Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Washington, DC. (E.H. Kimmerle, A.H. Ross, and A.B. Falsetti). 2008

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- Evaluation of the Mandibular Angle as an Indicator of Sex. *Proceedings of the American Academy of Forensic Sciences*, p. 346. Poster presented at the Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX. (C. Zambrano, N. Parr, A.B. Falsetti, L. Freas, and M. Warren). 2007
- Isotopic Determination of Region of Origin in Modern Peoples: Applications for identification of U.S. war-dead from the Vietnam conflict II. *Proceedings American Academy of Forensic Sciences*, p. 355. Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX. (L. Regan, A.B. Falsetti, and A. Tyrrell). 2007
- Morphological Variation of the Human Knee: Implications for Sex and Ancestral Designation. *Proceedings American Academy of Forensic Sciences*, p. 358. Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, San Antonio, TX. (E. Waxenbaum, A.B. Falsetti, and D.H. Hunt). 2007
- What Matters – Size or Shape? Three-dimensional analysis of craniofacial sexual variation among American populations. *Proceedings American Academy of Forensic Sciences*, p. 279. Paper presented at the 58<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Seattle Washington. (A. Ross, D. Slice, A.B. Falsetti, and E. Kimmerle). 2006
- Isotopic Determination of Region of Origin in Modern Peoples: Applications for identification of U.S. war-dead from the Vietnam conflict. *Proceedings American Academy of Forensic Sciences*, p. 292. Paper presented at the 58<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Seattle Washington. (L. Regan, A.B. Falsetti, and A. Tyrrell). 2006
- To Measure or not to Measure: An analysis of maximum length of the tibia. *Proceedings American Academy of Forensic Sciences*, p. 305. Paper presented at the 58<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Seattle Washington. (E. Waxenbaum, A.B. Falsetti, and D.H. Hunt). 2006
- Lumbosacral Transition Vertebrae, Spondylolysis and Spondylolisthesis: Prevalence in a modern forensic population. *Proceedings American Academy of Forensic Sciences*, p. 318. Paper presented at the 58<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Seattle Washington. (with L. Freas). 2006
- Forensic Science, the American Revolution, and the Mysterious Case of the “Bride of Fort Edward”. *Proceedings American Academy of Forensic Sciences*, p. 369. Paper presented at the 58<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Seattle Washington. (S. Williams, L. Levine, A.B. Falsetti, D. Starbuck, H. Buckley, C. Meyer, C. Levine, and L. Anderson). 2006
- Skulls for Sale – Provenance for Human Crania for Importation. Paper presented at the National Association of Medical Examiner’s Annual Meeting, Nashville, TN (with M. Bowes). 2006
- Footnotes: Diabetic Osteopathy used in Human Identification. Paper presented at the 56<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX (H. Walsh-Haney, A.B. Falsetti, and J.J. Schultz). 2004

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- Personal Identification and Death Investigation of Documented and Undocumented Migrant Workers in Florida: Demographic, Biographic and Pathological Factors. Paper presented at the 56<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX (A.B. Falsetti, H. Walsh-Haney, and M.J. Burt). 2004
- Postmortem Interval (PMI) Determined by Analyzing Temperature Variations of Maggot Masses. 55<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL. (S.L. Peters, J.F. Butler, J.A. Hogsette, A.B. Falsetti, and R. Rutledge). 2003
- Rituals Among the Santeria: Contextual Clues and Forensic Implications. 55<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL. (H. Walsh-Haney, R.W. Motte, A.B. Falsetti, and J.J. Schultz). 2003
- Masking Identity: The affects of corrosive household agents on soft tissue, bone and dentition. Paper presented at the 54<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Atlanta, GA. (with T.L. Dupras, J.E. Lang, H.L. Reay, J.J. Schultz, A.B. Falsetti, N.A. Palma). 2002
- Population Specific Identification Criteria for Cuban Americans in South Florida. Paper presented at the 54<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Atlanta, G.A. (A.H. Ross, D. Ubelaker, A.B. Falsetti, and D.E. Slice). 2002
- Craniofacial Variation in Three Balkan Populations: An example of the utility of 3-D data. Paper presented at the 53<sup>rd</sup> Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA. (A.H. Ross and A.B. Falsetti). 2001
- Where the heck is Samuel Washington: Skeletal Remains Recovered From Harewood Cemetery. Paper presented at the 52<sup>nd</sup> Annual Meeting of the American Academy of Forensic Sciences, Reno, NV. *Proceedings of American Academy of Forensic Sciences*, **6**:132-133. 2000
- A Taphonomic Profile to Aid in the Recognition of Human Remains Form Historic Contexts. Paper presented at the 52<sup>nd</sup> Annual Meeting of the American Academy of Forensic Sciences, Reno, NV. *Proceedings of American Academy of Forensic Sciences*, **6**:210. 2000
- Hyperostosis Cranii ex vacuo: Occurrence in Adults as a Consequence of Brain Atrophy From Diverse Causes. Paper presented at the 52<sup>nd</sup> Annual Meeting of the American Academy of Forensic Sciences, Reno, NV. *Proceedings of American Academy of Forensic Sciences*, **6**:218-219. 2000
- Is Anastasia Still Missing? An Alternative View of the Identification of Tsar Nicholas II's Family. Paper presented at the 52<sup>nd</sup> Annual Meeting of the American Academy of Forensic Sciences, Reno, NV. *Proceedings of American Academy of Forensic Sciences*, **6**: 221-222. 2000
- Post Mortem Movement and Dispersal of *Sus scrofa* in a Florida Woodland Environment. Paper presented at the 51<sup>st</sup> Annual Meeting of the American Academy of Forensic Sciences, Orlando, FL. *Proceedings of American Academy of Forensic Sciences*, **5**:211. 1999

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- Physical Anthropology and Forensic Science. Paper presented at the 51<sup>st</sup> Annual Meeting of the American Academy of Forensic Sciences, Orlando, FL. *Proceedings of American Academy of Forensic Sciences*, 5:2. 1999
- A Thousand Tales of Dead Men: The Forensic Anthropology Cases of William R. Maples, PhD. Co-Organizer with Dana Austin-Smith, PhD for a Symposium: The Life's Work of William R. Maples - A Tribute by His Colleagues, Students and Friends. Paper presented at the 50<sup>th</sup> Anniversary Meeting of the American Academy of Forensic Sciences, San Francisco, CA. *Proceedings of American Academy of Forensic Sciences*, 4:191. 1998
- A Quantitative Assessment of Sexual Dimorphism of the Metacarpals, and Proximal, Middle, and Distal Phalanges. Paper presented at the 46th annual meeting of the American Academy of Forensic Sciences, San Antonio, TX. *Proceedings of American Academy of Forensic Sciences*, 164-165. 1994
- Estimations of Error in Reported Weights on Driver's Licenses. Paper presented at the 44th annual meeting of the American Academy of Forensic Sciences. New Orleans, LA. (with P. Willey). *Proceedings of American Academy of Forensic Sciences*, 169. 1992
- The Inaccuracy of Stature Reported on Driver Licenses. Paper presented at the 42nd annual meeting of the American Academy of Forensic Sciences, Cincinnati, Ohio. (with P. Willey). *Proceedings of American Academy of Forensic Sciences*, 141. 1990
- Sexual Dimorphism of the Humerus in a Modern American White Sample. Paper presented at the 41st annual meeting of the American Academy of Forensic Sciences, Las Vegas, Nevada. (with R.L. Jantz and P.H. Moore-Jansen). *Proceedings of American Academy of Forensic Sciences*, 115. 1989
- Saw Marks on Bone: Any way you cut it. I. Paper presented at the 40th annual meeting of the American Academy of Forensic Sciences, Philadelphia, Pennsylvania. (S. Symes, M. Guilbeau, A.B. Falsetti, and C. Harlan). *Proceedings of American Academy of Forensic Sciences*, 108. 1988
- Sex Determination in the Post-crania: A test of the Iscan and Miller-Shaivitz, Di Bennardo and Taylor Femur and Tibia Discriminant Functions using a Modern Forensic Sample. Paper presented at the 40th annual meeting of the American Academy of Forensic Sciences, Philadelphia, Pennsylvania. (A.B. Falsetti, P.H. Moore-Jansen and R.L. Jantz). *Proceedings of American Academy of Forensic Sciences*, 112. 1988
- The Inaccuracy of Height and Weight Information on Driver Licenses. Paper presented at the 39th annual meeting of the American Academy of Forensic Sciences, San Diego, California. (P. Willey and A.B. Falsetti). *Proceedings of American Academy of Forensic Sciences*, 126. 1987

***American Association of Physical Anthropologists/Human Biology Council:***

- Trends in lumbar vertebral body and lamina osteophytes. . Paper to be presented at the 78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. L.A. Zukowski and

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- A.B. Falsetti. Supplement **42**. 2009
- Variation and secular trends in linear measurements of the mandible. . Paper to be presented at the 78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. K.E. Skorpinski and A.B. Falsetti. Supplement **42**. 2009
  - Developmental and Ecogeographic Limb Variation Among the Subadults of Three Native American Populations. Paper to be presented at the 78<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. E.B. Waxenbaum and A.B. Falsetti. Supplement **42**. 2009
  - Use of metric analysis on human thoracic vertebrae as a means to determine sex and to aid in the seriation of isolated vertebrae. Poster presented at the 77<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. H.C. Freiman, C.J. Zambrano, and A.B. Falsetti. Supplement **41**. 2008
  - Morphological Limb Variation in Three Eco-geographically Distinct Native North American Populations. Paper presented at the 77<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. E.B. Waxenbaum and A. B. Falsetti. Supplement **41**. 2008
  - Human Skeletal Trauma Patterns in a contemporary sample from Athens, Greece: Results from a pilot study. Poster presented at the 72<sup>nd</sup> Annual Meeting of the American Association of Physical Anthropologists. (S. Abel, A.B. Falsetti, A. Lagia, and S.K. Manolis). *American Journal of Physical Anthropology*. Supplement **36**. 2003
  - An Estimation of the Heritability of Cranial Nonmetric Traits in a Tamarin Sample (*Saguinus oedipus*). Poster presented at the 72<sup>nd</sup> Annual Meeting of the American Association of Physical Anthropologists. (K. Jemmott and A.B. Falsetti). *American Journal of Physical Anthropology*. Supplement **36**. 2003
  - Fracture Patterns in a Large Contemporary Skeletal Sample: 30 years of casework at the C.A. Pound Human Identification Laboratory. (S. Abel, A.B. Falsetti, K. Jemmott, and H. Walsh-Haney). *American Journal of Physical Anthropology*. Supplement **34**. 2002
  - Linear Sparing of Long Bone Growth in the Pathological Fetus. Paper presented at the 70<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, **XX**:xxx. (M.W. Warren, A.B. Falsetti, and T.M. Cole). 2001
  - Regional Differences in Cranial Morphology. Poster presented at the 68<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, **28**:273 (M.W. Warren, H. A. Walsh-Haney, K. R. Smith, P. R. Stubblefield, A.B. Falsetti, J. J. Schultz). 1999
  - Fetal Alcohol Syndrome: New Mexico Anthropometric Growth Survey. Paper presented at the 65th annual meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, **22**:190 (A.B. Falsetti, J.M. Powers, K.L. Kramer, T.L. Estenson, and C. Clericusio). 1996

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- Forensic Anthropology in Recent Mass Disasters: Part II. Paper presented at the 65th annual meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, **22**:103-104. 1996
- The Steggerda Human Biology Anthropometric Collection: An overview and preliminary analyses. Paper presented at the 19th annual meeting of the Human Biology Council (P. Sledzik A.B. Falsetti, and A. Webb Wilcox). 1994
- Anthropometric patterns of variation among North Amerindian subadults. Poster presented at the 63rd annual meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, **18**:162 (A.B. Falsetti and J. Powers). 1994
- A dental comparison of Middle Paleolithic Near Eastern Hominids. Poster presented at the 63rd annual meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, **18**:63. (J. Bytnar, E. Trinkaus, and A.B. Falsetti). 1994
- Anthropometric and geographic relationships among Northwest Coast and Subarctic Native American Indian populations: A classification approach. *American Journal of Physical Anthropology*, Supplement **18**:87. Paper presented at the 63rd annual meeting of the American Association of Physical Anthropologists. 1994
- Ratios and residuals in the analysis of size and shape: reconsideration and some recommendations. Poster presented at the 62nd annual meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, Supplement **16**:120. (W.L. Jungers, A.B. Falsetti, and C.E. Wall). 1993
- The heritability of stature in the Western and Eastern Cherokee: The effect of removal and gene flow. Paper presented at the 62nd annual meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, Supplement **16**:150. (S.M.T. Myster and A.B. Falsetti). 1993
- Patterns of Spatial Variation among North Amerindians. Paper presented at the 62nd annual meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, Supplement **16**:84. 1993
- Genetic Structure of Human Populations in the British Isles. Paper presented at the 61st annual meeting of the American Association of Physical Anthropologists. *American Journal of Physical Anthropology*, Supplement **14**:74. (A.B. Falsetti and R.R. Sokal). 1992
- Relative Growth of the Postcranial Skeleton in Callitrichids. Paper presented at the 60th annual meeting of the American Association of Physical Anthropologists. Milwaukee, WI. (A.B. Falsetti, and T.M. Cole). *American Journal of Physical Anthropology*, Supplement **12**:72. 1991
- Anthropometry of Amerindians: An Examination of scaling phenomena. Poster presented at the 59th annual meeting of the American Association of Physical Anthropologists. Miami, FL. (A.B. Falsetti and R.L. Jantz). *American Journal of Physical Anthropology*, **81**:220.

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- 1990
- Zuttiyeh and the Ancestry of Early Modern Southwest Asians. Paper presented at the 58th annual meeting of the American Association of Physical Anthropologists. San Diego, California. (F.H. Smith, T. Simmons, and A.B. Falsetti). *American Journal of Physical Anthropology*, **78**:303. 1989
- Morphometric Analysis of the Mladec Postcranial Remains. Paper presented at the 58th annual meeting of the American Association of Physical Anthropologists. San Diego, California. (F.H. Smith, A.B. Falsetti, and M.A. Liston). *American Journal of Physical Anthropology*, **78**:305. 1989
- Size and Shape of the Forelimb of Tamarins. Poster presented at the 58th annual meeting of the American Association of Physical Anthropologists. San Diego, California. (A.B. Falsetti, T.M. Cole and W.L. Jungers). *American Journal of Physical Anthropology*, **78**:219. 1989
- Anthropometric Variation among Amerindians from the North American Pacific Coastal Region. Poster presented at the 57th annual meeting of the American Association of Physical Anthropologists, Kansas City, Missouri. (A.B. Falsetti, D.R. Hunt, and R.L. Jantz). *American Journal of Physical Anthropology*, **75**:224. 1988
- Relationships between Body Size and Dental, Cranial and Post-cranial variables in Saddle-backed Tamarins. Paper presented at the 57th annual meeting of the American Association of Physical Anthropologists, Kansas City, Missouri. (T.M. Cole, A.B. Falsetti, and M. Harrill). *American Journal of Physical Anthropology*, **75**:197. 1988
- Allometric Aspects of Size and Shape Variation in the Post-cranial Skeleton in two South American Tamarin Groups *Saguinus oedipus oedipus* and *Saguinus fuscicollis illigeri*. Paper presented at the 56th annual meeting of the American Association of Physical Anthropologists, New York, New York. *American Journal of Physical Anthropology*, **72**:198. 1987

***Other Associations Including International Symposia:***

- Getting Away with Murder: Detection of Controlled Forensic Burials Using GPR. Poster presented at the Soil Science Society of America, Seattle, Washington. (Schultz J, M. Collins, and A.B. Falsetti). 2004
- The Role of Forensic Anthropology in the Identification of Human Remains in the Aftermath of a Mass Fatality Incident: New Approaches to Recovery and the Identification Process. Pittcon 2003, 9-14 March 2003, Orlando, Florida. 2003
- The Application of GPR in Florida for Detecting Forensic Burials. Symposium on the Application of Geophysics to Engineering and Environmental Problems. (S. Koppenjan, J.J. Schultz, M.E. Collins, A.B. Falsetti, S. Ono, and H. Lee). 2003
- Craniofacial Variation in the Americas: Pre and Early European contact. Paper presented at the Asociacion Latinoamericana de Antropologia Biologica. Piriapolis (Uruguay). (A.H. Ross, A.B. Falsetti, and D. Ubelaker). 2000

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- Differences in Intercondylar Notch Geometry Between Males and Females. Paper presented at the 23<sup>rd</sup> Annual Meeting of the American Society of Biomechanics, Pittsburgh, Pennsylvania. (M.D. Tillman, K.R. Smith, A.B. Falsetti, J.L. Pattishall, and J.A. Bauer) *American Journal of Sports Medicine* 1999
- Overview of Forensic Anthropology and Recovery of Human Skeletal Remains. Paper presented at the National Institute of Scientific Investigation, Symposium of Korean Society of Forensic Medicine, Seoul, Korea. 1999
- Lower Extremity Skeletal Variations and ACL Injury. Paper presented at the American College of Sports Medicine 46<sup>th</sup> Annual Meeting, Seattle, Washington (J. Bauer, M. Tillman, A.B. Falsetti, K. Smith and T. Kaminski). *Medicine & Science in Sports & Exercise*, **31**:S295. 1999
- Saw Marks on Bone: Any way you cut it. II. Paper presented at the Southern Association of Forensic Scientists, Memphis, Tennessee. (S. Symes, M. Guilbeau, A.B. Falsetti, and C. Harlan). 1988

#### **RESEARCH GRANTS RECEIVED:**

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- ***Florida Mass Casualty Incident Response Team (FL-MCIRT)***. Division of Emergency Management, State of Florida. 2003-2004. 90,000. Co-Primary Investigator (PI).
- ***Forensic Applications of Ground Penetrating Radar***. Bechtel Nevada. 2001. 22,651.88. P.I. Renewed 2003-2004.
- ***The William R. Maples Center for Forensic Medicine, a BOR Type-II***. Approved by the Board of Regents 10/11/99.
- ***Florida Taphonomy: Postmortem Cranial Movement through Woodland and Wetland Ecosystems***. Forensic Sciences Foundation, Lucas Research Grant. 1998. \$528. Co-P.I.
- ***Gender Differences and Predisposition Toward Anterior Cruciate Ligament Injuries: A Biomechanical and Anthropological Approach – Pilot Study***. Opportunity Grant sponsored by Office of Research, Technology and Graduate Education, University of Florida. 1998. \$26,850. P.I.
- ***Search, Recovery and Identification of the Romanov Children***. Wentworth Foundation. 1997. 5,000. P.I.
- ***Fetal Alcohol Syndrome: Anthropometric Survey***. Supplemental Request. State of New Mexico. 1996. 90,000. P. I.
- ***Fetal Alcohol Syndrome: Anthropometric Survey***. State of New Mexico. 1994-1996. 177,000. P. I.

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## **RESEARCH GRANTS**

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- ***Factors Affecting Cranial Morphology: A geomorphic investigation***, National Science Foundation, \$5,372.00. PI.
- ***Florida Mass Casualty Incident Response Team (FL-MCIRT)***. Division of Emergency Management, State of Florida. \$151,965. Co-PI.
- ***A Multidisciplinary Approach to Locating Clandestine Graves in Florida***. Lucas Grant. 1999. P.I.
- ***Application of Ground-Penetrating Radar to Forensic Anthropology***. Opportunity Grant sponsored by Office of Research, Technology and Graduate Education, University of Florida. 1999. \$12,960. Co-P.I..
- ***Gender Differences and Predisposition Toward Anterior Cruciate Ligament Injuries: A Biomechanical and Anthropological Approach***. NATA (National Athletic Trainers Association). 1998. \$26,661. Co-P.I.

## **INVITED TEACHING POSITIONS:**

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- **Police/Medical Investigation of Death Seminar Dade County Florida, Since 1998.** - Faculty
- **Bradford University, Bradford, UK. 1st Annual Forensic Anthropology Course 1996.**  
- Co-course Coordinator
- **Armed Forces Institute of Pathology 9th Annual Forensic Anthropology Course 1996.**  
- Co-course Director
- **Armed Forces Institute of Pathology 8th Annual Forensic Anthropology Course 1995.**  
- Co-course director
- **Armed Forces Institute of Pathology 7th Annual Forensic Anthropology Course 1994.**  
- Faculty
- **Armed Forces Institute of Pathology 6th Annual Forensic Anthropology Course 1993.**  
- Faculty
- **Armed Forces Institute of Pathology 5th Annual Forensic Anthropology Course 1992.**  
-Faculty
- **The Office of the Medical Investigator, State of New Mexico 20th Annual Medicolegal Investigation of Death Forensic Science Seminar 1993**  
-Faculty