

Anthony B. Falsetti, Ph.D., D-ABFA
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EDUCATION:

- **State University of New York** – Stony Brook, New York – 1990-1992
 - Postdoctoral Research Fellow – Ecology & Evolution
- **University of Tennessee** – Knoxville, Tennessee
 - Doctor of Philosophy –Biological Anthropology - 1989
 - Master of Arts – Biological Anthropology – 1986
 - Bachelor of Arts – Biological Anthropology (major) & Political Science (minor) - 1984

PROFESSIONAL WORK EXPERIENCE:

CURRENT EMPLOYER:

2024 – Present **Prince George's County Police Department**

- Manager, Forensic Science Division

2022 – 2024 **OCME - DC**

- Forensic Anthropologist
- Supervisor, Forensic Identification Unit

2018 – 2022 **George Mason University, Associate Professor, Forensic Science Program**

- Director, Human Remains Laboratory
- Supervisor, Graduate and Undergraduate Internship Program
- Director, Forensic Science Program Scholarship Program
- Member, GMU Academic Initiatives Committee

2015 – 2018 **Arizona State University**

Professor of Practice, Senior Sustainability Scholar & Barrett Honors Faculty

- Developed new courses for the Forensic Science Program (BS)
 - Including Human Gross Anatomy, Quantitative Methods, Principles of Forensic Science, History of Forensic Science, Spatial Analysis in Environmental Science
- Developed the graduate Forensic Science Program (PSMFS)
- Selected to participate in university-wide Leadership Academy, multi-year appointment
- Performed grant writing and was responsible for growing cross-college collaborations

2012-2015 **CSI Academy of Florida; Alachua, Florida**
Dean

- Developed academic policies and programs for CSI Academy of Florida
- Maintained Adjunct Associate Professor status with the University of Florida
- Determined scheduling of courses and recommends implementation of additional courses
- Participated in activities of faculty committees, development of academic budget
- Advised CEO and Managing Partners on academic matters
- Served as liaison officer with accrediting agencies, which evaluate academic programs

2010 – 2011 **International Commission of Missing Persons (ICMP); Sarajevo, Bosnia-Herzegovina**
Forensic Science Department Deputy Director

- Management of Archaeology and Anthropology Division.
- Administrative supervisor of 12 forensic personnel.
- Drafted and implemented SOPs for recovery teams, mortuary team, and QA/QC.

- Established training programs for the Archaeology and Anthropology Division.
- Forensic expert advisor to ICMP Iraq Police Services for the Excavation and Exhumation Training Program.

**2009 – 2010 National Missing and Unidentified Persons System (NamUS); Largo, FL,
Regional Systems Administrator, and Lead Forensic Anthropologist**

- Liaison to law enforcement agencies and medical examiners in the Southeastern USA.
- Coordinated NamUs team of forensic anthropologists (www.namus.gov)

1996 – 2009 University of Florida; Gainesville, FL

Associate Professor, Laboratory Director, and Co-Director of the W.R. Maples Center for Forensic Medicine

- Instructed and motivated students in a classroom, laboratory, and field setting.
- Responded to over 1000 death scenes across the state of Florida.
- Provided forensic analysis for medical examiners and law enforcement across the state of Florida and nationwide.

1994 – 1996 Armed Forces Institute of Pathology, Washington, D.C.: Associate Director for Research

- Provided research and forensic services for the Office of the Armed Forensic Medical Examiner (OAFME).

1992 – 1994 University of New Mexico, Albuquerque, N.M.: Visiting Assistant Professor of Anthropology

- Instructed graduate students in biological and forensic anthropology.
- Provided forensic and criminal justice services to the Office of the Medical Investigator (OMI) and local law enforcement.

1988-1989 US Army Natick Soldier System Center; Natick, MA: Anthropologist/Anthropometrist

- Designed anthropometric fit tests for multiple soldier systems – BLEPs, PASGAT II, and other sustaining items
- Drafted quantitative reports in support of the comprehensive ANSUR program – a DoD wide anthropometric survey to document human body proportions.
- Participated in joint testing programs with USAREIM
- Conducted research that supported the development, acquisition and sustainment to maximize combat effectiveness and survivability of freedom's defenders.

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DISASTER RECOVERY RESPONSE AND TRAINING:

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| <ul style="list-style-type: none">□ Haitian Earthquake - (Kenyan International Emergency Response {KIER}) – 2010□ Rio Tinto Helicopter Crash and Recovery Peru – (KIER) – Recovery Team - 2008□ Thailand Tsunami - (KIER) Recovery Team– 2004□ World Trade Center – (Disaster Mortuary Operation and Recovery Team {DMORT}) - New York - 2001 | <ul style="list-style-type: none">□ Trans World Airline 800 – (New York State Police {DMORT}) New York - 1996□ Oklahoma City Bombing – (AFIP) Oklahoma – 1995□ American Eagle Flight 4184 Crash - (AFIP) Indiana –1994▮ Federal Emergency Management Agency Training - National Critical Incident Management Training, ICS 100, 200, 300, 400, 700, 800, and 18 |
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PROFESSIONAL AFFILIATIONS & SPECIAL DESIGNATIONS

- **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 – Retired
- **American Academy of Forensic Sciences** – Standards Board DVI, Forensic Anthropology Sub-committee
- **International Association of Emergency Managers** – *Member*
- **Project Management Institute**, *Member*
- **American Association of Physical Anthropologists**, *Member*
- **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*
- **American Board of Forensic Anthropology** – *Diplomate* - No.47
- **International Association of Coroners & Medical Examiners** – *Associate Member*

SELECTED HONORS AND AWARDS

- **Dean’s Impact Award**, College of Science, George Mason University (2019)
- **American Airlines** - Commendation (American Eagle Flight 4184 Crash; Indiana, 1994)
- **State of Oklahoma; Office of the Medical Examiner** – Commendation (Oklahoma City Bombing, April 19, 1995)
- **Oklahoma State Funeral Directors** - Commendation, (Oklahoma City Bombing, April 19, 1995)
- **State of New York; Office of the Suffolk County Medical Examiner** - Commendation (for work on the TWA 800 Crash, August 1996)
- **United States Public Health Service** - Commendation, (Activation, 1995: Oklahoma City, OK)
- **Federal Aviation Administration** – Commendation -1995
- **National Disaster Medical System** – Commendation (Activation 1994: Albany, Georgia)
- **United States Public Health Service** – Commendation (Activation 1994: Albany, Georgia)

PUBLICATIONS (THESIS)

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

PUBLICATIONS (REFERRED JOURNALS ONLY)

- Melissa Connor, William Raymond Belcher, Gretchen Dabbs, **Anthony Falsetti**, Shari Forbese Timothy P. Gocha, Jane Harris, Sheree Hughes- Stamm, Ginesse Listii, Sophia Mavroudas, Austin Polonitzak, Sophia I. Recki, Dawnie Steadman, Jodie Ward, Daniel J. Wescott An- Di Yim, Katie Zedjlik, *From a Small Plot in Knoxville to a Worldwide Footprint: An Overview of Human Decomposition Facilities*, Forensic Anthropology Vol. X, No. XX-1-15. 2025
- Simmons-Ehrhardt, **T.**, **Falsetti**, C., Falsetti, A.B. *Using Computed Tomography (CT) Data to Build 3D Resources for Forensic Craniofacial Identification*, in *Biomedical Visualization* Vol. 9 (ed. Paul Rea), *Adv Exp Med Biol*. 2021.
 - 2019 Simmons-Ehrhardt, **T.**, **Falsetti**, C., Ehrhardt, C. Three-Dimensional Craniofacial Variation of Modern Americans: A Visual Reference to Supplement Facial Approximation Methods. Final Summary Overview, National Institute of Justice Award #2014-DN-BX-K005. <https://www.ncjrs.gov/pdffiles1/nij/grants/252745.pdf>
 - *Quantifying the face: dense facial tissue depth mapping of computed tomography (CT) models with free software*, Terrie Simmons-Ehrhardt, Catyana Falsetti, **Anthony B. Falsetti**, Christopher J. Ehrhardt. [Hum Biol](#). 2018 Jan;90(1):63-76.
 - *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
 - *Immigrants, Undocumented Workers, Runaways, Transients and the Homeless: Towards Contextual Identification Among Unidentified Decedents*. *Forensic Science Policy & Management: An International Journal*. Erin H. Kimmerle, **Anthony B. Falsetti**, and Ann H. Ross. 1:4,178-186, DOI: [10.1080/19409041003636991](https://doi.org/10.1080/19409041003636991)
 - *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 19th 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 AB**, Collins M, Koppenjan 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*
- ▯ *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. 1999 (with D. Austin-Smith and **A.B. Falsetti**)*
- ▯ *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. Jacques, 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, D.R. Hunt, and P.J. Key). **64**:435-461.1992
- ▮ *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)

- ▮ The Role of Forensic Science in Disaster Victim Identification, in *Disaster Victim Identification in the 21st Century: A US Perspective*. John Wiley (2021)
- ▮ Using Computed Tomography (CT) Data to build 3D Resources for Forensic Craniofacial Identification, *accepted* (with Terrie Simmons-Ehrhardt, and Catyana Falsetti) (2022)
- ▮ World of Forensic Science, 2nd Edition, Gale 2016, Contributor
- ▮ *Forensic Evidence Management: From Scene to Courtroom*, (C.R.S. Falsetti, A.B. Falsetti, S. Enslow) CRC Press. Boca Raton, Florida, 2017
- ▮ *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)

- ▮ Biological Anthropology of the Human Skeleton. Edited by M. Anne Katzenberg and Shelly R. Souders. 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

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

- ▮ The Role of the Forensic Sciences in Disaster Victim Identification, **Anthony B. Falsetti, Ph.D.**, Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Anaheim, CA, **2020**.
- ▮ Interactive Resources for Craniofacial Identification, Terrie Simmons-Ehrhardt, MA*, **A.B. Falsetti, PhD**, Catyana R. Falsetti, MFS, Christopher J. Ehrhardt, PhD, Poster presented at the Annual Meeting of the American Academy of Forensic Sciences, Baltimore, MD, **2019**
- ▮ Scanning Electron Microscopes with Energy Dispersive X-Ray Spectroscopy (SEM/EDX) Analysis of Gunshot Residue (GSR) on Pig Bone, **Anthony B. Falsetti, PhD***, Natalie R. Langley, PhD, Blake D. Ehlers, Bethany M. Pittman, AmberCherie Lasala, Kimber G. Cheek, BS, Derek A. Boyd, MA, Poster presented at the Annual Meeting of the American Academy of Forensic Sciences, Baltimore, MD, **2019**
- ▮ Addressing the Challenge of Conducting Undergraduate Research in Forensic Science Academic Programs Using a Course-Based Undergraduate Research Experience (CURE) Kimberly S. Kobojeck, MS*; Pamela A. Marshall, PhD; Ken G. Sweat, PhD; Jennifer Broatch, PhD; Jennifer Foltz-Sweat, PhD; **Anthony B. Falsetti, PhD**, Paper presented at the Annual Meeting of the American Academy of Forensic Sciences, Baltimore, MD, **2019**
- ▮ How to Manage the Multidisciplinary Response to a Mass Fatality Event, Workshop Presented at the Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA (R. Jensen and **A.B. Falsetti**). **2017**
- ▮ 19th Century Jewish Cemetery in St. Maarten: Historic Facial Approximation Using Modern Technologies as a Doorway for Forensic Cases, Poster Presented at the Annual Meeting of the American Academy of Forensic Sciences, Washington, D.C. (C. Skory, D.C. Sprott, J. Haviser, **A.B. Falsetti**, C. Crain, L. Epp, and M. Kemper). **2013**
- ▮ 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**
- ▯ 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 58th 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 58th 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 58th 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 58th 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 58th 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 56th Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX (H. Walsh-Haney, **A.B. Falsetti**, and J.J. Schultz). **2004**

- ▯ Personal Identification and Death Investigation of Documented and Undocumented Migrant Workers in Florida: Demographic, Biographic and Pathological Factors. Paper presented at the 56th 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. 55th 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. 55th 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 effects of corrosive household agents on soft tissue, bone, and dentition. Paper presented at the 54th 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 54th 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 53rd 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 52nd 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 52nd 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 52nd 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 52nd 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 51st Annual Meeting of the American Academy of Forensic Sciences, Orlando, FL. *Proceedings of American Academy of Forensic Sciences*, **5**:211. **1999**
- ▯ Physical Anthropology and Forensic Science. Paper presented at the 51st 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 50th 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 the 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 the 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 the 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 the American Academy of Forensic Sciences*, 108. **1988**
- ▮ Sex Determination in the Post-crania: A test of the Iscan and Miller-Shaivitz, Di Bannardo and Taylor Femur and Tibia Discriminant Functions using a Modern Forensic Sample. (**A.B. Falsetti**, P.H. Moore-Jansen and R.L. Jantz). *Proceedings of the 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 the American Academy of Forensic Sciences*, 126. **1987**

American Association of Physical Anthropologists/Human Biology Council:

- ▮ Facilitating Practitioner Interaction with 3D Craniofacial Identification Resources. Paper presented at the 87th Annual Meeting of the American Association of Physical Anthropologists. **A.B. Falsetti**, T. Simmons-Ehrhardt, C. RS. Falsetti and C. J. Ehrhardt. **2018**
- ▮ Enhancing craniofacial identification methods with CT data. Paper presented at the 87th Annual Meeting of the American Association of Physical Anthropologists. T. Simmons-Ehrhardt, C. RS Falsetti, **AB. Falsetti** and C. J. Ehrhardt. **2018**
- ▮ Trends in lumbar vertebral body and lamina osteophytes. Paper presented at the 78th Annual Meeting of the American Association of Physical Anthropologists. L.A. Zukowski and **A.B. Falsetti**. Supplement **42**. 2009
- ▮ Variation and secular trends in linear measurements of the mandible. Paper presented at the 78th 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 presented at the 78th 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 77th 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 77th 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 72nd 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 72nd 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 70th 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 68th 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
- ▮ 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**:220.1990
- ▯ 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.
- ▮ 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
- ▮ Differences in Intercondylar Notch Geometry Between Males and Females. Paper presented at the 23rd 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 46th 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:

- ▮ **National Forensic Center**, National Institutes of Justice (NIJ) as **Co-PI** along with J. DiZinno, Amy Ely, and Dan Milner. \$ 2,000,000.00, 2020
- ▮ **NamUs**, NIJ GMU **PI** Co-PI, Joe DiZinno – Forensic anthropological odontological resources to RTI.
- ▮ **Course-Based Undergraduate Research for All: Preparing the Future STEM Workforce**. National Science Foundation, Award No: 1606903 2016. \$296,751, Co-PI.
- ▮ **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.
- ▮ **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.

RESEARCH GRANTS RECENTLY SUBMITTED 2015-2020:

- **Solid-phase DNA Extraction from Human Bones to Support Short Tandem Repeat (STR) and Single Nucleotide Polymorphism (SNP) Genotyping**, submitted to the National Institute of Justice (NIJ) as Co-PI, with J. DiZinno, and Mark Wilson. **2020**
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- **New College Environmental Health Science Scholars: A Unique Summer Program Designed to Increase Diversity in the Environmental Health Sciences**, submitted to HHS-NIH: Nat Inst of Environmental Health Sciences (NIEHS), as Co-PI with Pamela Marshall, PI, and J. Hackney-Price, Co-PI. **\$539,627.00**
- **Microbiome and Insect Succession in the Sonoran Desert: Developing Capacity and Collaboration**, submitted to SRCA as Co-PI with P. Marshall, PI, and M. Macenido, Co-PI. **2018 \$10,000**
- **Three-Dimensional Craniofacial Variation of Modern Pediatric Americans**, submitted to the Phoenix Children's Hospital as PI, **2017-18** No Cost, year 1. Year 2 Leadership Grant due 21 September, rough budget estimate **\$55,000.00**
- **Bias in Forensic Expert Judgments in the Legal System: Experts' and Laypeople's Perceptions and Misperceptions**, Co-PI with SBS Faculty, Tess Neal, **2016** submitted to American Psychological Association, **\$40,000.00**
- **Digital Forensic Facial Imaging Center**, NIJ PI, **2016 \$908,075.00**
- **Building the Evidence for Craniofacial Identification Methods in the U.S**, NSF PI, **2016** submitted to NIJ, **\$688,409.00**

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- *IUCRC Pre-proposal Planning Arizona State University: ASU Forensic Sciences Research Initiative (AFSRI), NSF PI, 2017 \$15,000.00*