

AMANDA M AGNEW, PHD

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Phone: 614.366.2005

EDUCATION

2006 - 2011: PhD - Biological Anthropology (Anatomy graduate minor)

Dissertation: Histomorphometry of the Elderly Rib: A methodological approach with implications for biomechanics, function and fracture risk

The Ohio State University; Columbus, OH

Advisor: Dr. Sam D Stout

2004 - 2006: MA - Biological Anthropology

Thesis: Histomorphological Aging of Subadults: A test of Streeter's method on a medieval archaeological population

The Ohio State University; Columbus, OH

Advisor: Dr. Sam D Stout

2000 - 2004: BA - Anthropology, Cum Laude (Biology minor)

The State University of New York at Potsdam; Potsdam, NY

Advisor: Dr. Bethany Usher

ACADEMIC POSITIONS

CURRENT - The Ohio State University

2017 - present: Associate Professor

Division of Health Sciences, School of Health and Rehabilitation Sciences, College of Medicine

2017 - present: Adjunct Associate Professor

Department of Anthropology

2017 - present: Adjunct Associate Professor

Department of Biomedical Engineering

2016 - 2017: Assistant Professor

Division of Health Sciences, School of Health and Rehabilitation Sciences, College of Medicine

2016 - 2017: Adjunct Assistant Professor

Department of Biomedical Engineering

2013 - present: Director

Skeletal Biology Research Lab, Injury Biomechanics Research Center

2012 - 2017: Adjunct Assistant Professor

AGNEW- CURRICULUM VITAE

Department of Anthropology

2012 - 2016: Assistant Professor

Division of Anatomy, School of Health and Rehabilitation Sciences, College of Medicine

PAST - The Ohio State University

2013 - 2015: Graduate Program Chair

Graduate Programs (MS and PhD), Division of Anatomy, The Ohio State University College of Medicine

2010 - 2012: Instructor

Division of Anatomy, Department of Biomedical Informatics, The Ohio State University College of Medicine

2009 - 2010: Graduate Research Fellow

College of Engineering, The Ohio State University

2008 - 2009: Graduate Research Associate

College of Engineering, The Ohio State University

2006 - 2008: Graduate Teaching Associate

Department of Anthropology, The Ohio State University

RESEARCH EXPERIENCE & FUNDING

PRINCIPAL INVESTIGATOR

6/2017 - 5/2019: Tensile and compressive material properties of human ribs - *Principle Investigator*

Research Contract from Autoliv Development AB

PI: Amanda M Agnew - The Ohio State University

- \$340,482 - Role: 10% effort

7/2017 - 5/2019: Population specific thorax biomechanics - *Principle Investigator*

Research Contract from National Highway Traffic and Safety Administration (NHTSA)

PI: Amanda M Agnew- The Ohio State University

- \$520,674 - Role: 15% effort

11/2015 - 3/2017: Mechanical properties of the human thoracic skeleton and contributions to vulnerable occupant injury - *Principle Investigator*

Research Contract from Autoliv Development AB

Co-PI: Amanda M Agnew, John H Bolte IV - The Ohio State University

- \$239,510 - Role: 15% effort

11/2015 - 5/2019: Elderly side impact - *Co-Principle Investigator*

Research Contract from Honda R & D America, Inc.

Co-PI: John H Bolte IV, Amanda M Agnew- The Ohio State University

- \$1,306,003 - Role: 15% effort

3/2015 - 3/2017: Assessment of PMHS variability used for research in UBB in the context of quantifying bone quality for scaling response and injury - *Principle Investigator*
Research Cooperative Agreement from US Army Research Lab (ARL)/Department of Defense (DoD)

PI: Amanda M Agnew- The Ohio State University

- \$2,209,904 - Role: 35% effort

9/2014 - 10/2017: Pediatric Injury Biomechanics Research Task 2 - *Principle Investigator*
Research Contract from National Highway Traffic and Safety Administration (NHTSA)

PI: Amanda M Agnew- The Ohio State University

- \$335,870 - Role: 10% effort

6/2014 - 6/2019: The impact and injury response of male and female PMHS, Hybrid III fiftieth and fifth percentile ATDs, and WIAMan under blast-induced accelerative loading - *Co-Principle Investigator*

Research Contract from Virginia Polytechnic Inst/US Army Research Lab

Co-PI: John H Bolte IV, Amanda M Agnew- The Ohio State University

- \$1,064,888 - Role: 20% effort

6/2014 - 11/2014: Investigation of Abdominal Injury Patterns, Mechanisms and Tolerances - *Principle Investigator*

Research Contract from Virginia Polytechnic Inst/Toyota Motor Company

PI: Amanda M Agnew- The Ohio State University

- \$42,000 - Role: 10% effort

5/2014 - 4/2015: Quantifying CRS Fit in the Vehicle Seat Environment- Focusing on incompatibilities - *Principle Investigator*

Center for Child Injury Prevention Studies (CChIPS), National Science Foundation I/UCRC

PI: Amanda M Agnew- The Ohio State University

- \$48,000 - Role: 10% effort

6/2013 - 9/2016: Warrior Injury Assessment MANikan (WIAMan) Project- *Co-Principal Investigator*

Research Contract from Johns Hopkins University/ US ARMY and DoD

Co-PI: John H Bolte IV, Amanda M Agnew- The Ohio State University

- \$2,563,316 - Role: 70% effort

5/2013 - 4/2015: Anthropometry Update: Is the 6 year old ATD representative of age-matched children? - *Principle Investigator*

Center for Child Injury Prevention Studies (CChIPS), National Science Foundation I/UCRC

PI: Amanda M Agnew- The Ohio State University

- \$51,215 - Role: 10% effort

5/2012 - 4/2013: Development and Validation of a Biofidelic Pediatric ATD Lower Extremity- *Principle Investigator*

Center for Child Injury Prevention Studies (CChIPS), National Science Foundation I/UCRC

PI: Amanda M Agnew- The Ohio State University

- \$62,603 - Role: 5% effort

5/2012 - 4/2013: Quantifying CRS Fit in the Vehicle Seat Environment- *Principle Investigator*

Center for Child Injury Prevention Studies (CChIPS), National Science Foundation I/UCRC

PI: Amanda M Agnew- The Ohio State University

AGNEW- CURRICULUM VITAE

- \$50,000 - Role: 15% effort

1/2012 - 12/2012: Evaluation of Pre-Tensioning and Force Limiting Used in Novel Seatbelt Restraint Systems- *Principle Investigator*

Research Contract from Virginia Polytechnic Inst./TRW Automotive

PI: Amanda M Agnew- The Ohio State University

- \$100,000 - Role: 20% effort

10/2011 - 5/2012: Military Biomechanics II-Generic Hull Testing 4.2- *Co-Principal Investigator*

Research Contract from Virginia Polytechnic Inst/DoD and US ARMY

Co-PI: John H Bolte IV, Amanda M Agnew- The Ohio State University

- \$333,434 - Role: 30% effort

3/2010 - 9/2014: Pediatric Injury Biomechanics Research Task 11- *Principle Investigator*

Research Contract from National Highway Traffic and Safety Administration (NHTSA)

PI: Amanda M Agnew- The Ohio State University

- \$556,304 - Role: 15% effort

2010 - 2011: Pediatric Rib Study (Phase II)- *Graduate Research Fellow*

Dwight D Eisenhower Grants for Research Fellowship

PI: Amanda M Agnew- The Ohio State University

- \$35,500- “Determining Structural Properties of Human Pediatric Ribs”
- Supervisor: Dr. Bruce Donnelly, NHTSA

1/2009 - 1/2010: The Role of Microfractures and Cross-sectional Geometry in Bone Fragility- *Principle Investigator*

Alumni Grant for Graduate Research and Scholarship (AGGRS), The Ohio State University

PI: Amanda M Agnew- The Ohio State University

- \$1,860

2009 - 2010: Pediatric Rib Study (Phase I)- *Graduate Research Fellow*

Dwight D Eisenhower Grants for Research Fellowship, Federal Highway Administration

PI: Amanda M Agnew- The Ohio State University

- \$35,500- “Determining Material Properties of Human Pediatric Ribs”
- Supervisor: Dr. Bruce Donnelly, NHTSA

2004 - present: Slavia Project- *Collection Co-Manager and Researcher of the Giecz Skeletal Collection*

Giecz, Poland (www.slavia.org)

Co-PI: Amanda M Agnew, Hedy M Justus- The Slavia Foundation

- Curation of the Giecz Collection, including collecting research samples and data for skeletal analysis including skeletal inventory, biological profiles, and pathological analysis and assessing health profiles

CONTRIBUTING INVESTIGATOR

9/2014 - 8/2015: Mechanical and Compositional Analyses of Bone Tissue- *Co-Investigator*

Clinical and Translational Science (CCTS) Pilot and Collaborative Studies Program, The Ohio State University Wexner Medical Center

PI: Do-Gyoon Kim- The Ohio State University

- \$30,000

7/2013 - 6/2014: Relationship of Mineral Distribution with Mechanical Properties of Oral Bone- *Co-Investigator*

BF Dewell Memorial Research Award in Biomedical Research, American Association of Orthodontists Foundation (AAOF)

PI: Do-Gyoon Kim- The Ohio State University

- \$25,000

12/2011 - 11/2012: Bone Mineralization Based Diagnosis of Oral Complications- *Co-Investigator*

Clinical and Translational Science (CCTS) Pilot and Collaborative Studies Program, The Ohio State University Wexner Medical Center

PI: Do-Gyoon Kim- The Ohio State University

- \$30,000

9/2011 - 11/2011: Elderly Post-Mortem Human Subject Sled Testing- *Co-Investigator*

Research Contract from Hyundai Motor Co.

PI: John H Bolte IV- The Ohio State University

- \$224,269 - Role: 10% effort

9/2011 - 9/2012: Evaluation of Initial Stability of Trabecular Metal (TM) and Tapered Screw-Vent (TSV) Dental Implants- *Co-Investigator*

Corporate research Contract from Zimmer, Inc.

PI: Do-Gyoon Kim- The Ohio State University

- \$38,000 - Role: 2% effort

10/2011 - 5/2012: Military Biomechanics II- Generic Hull Testing- *Co-Investigator*

Research Contract from Virginia Polytechnic Inst/DoD and US ARMY

PI: John H Bolte IV- The Ohio State University

- \$51,823 - Role: 10% effort

3/2011 - 12/2011: Pediatric Injury Biomechanics Research- *Co-Investigator*

Research Contract from National Highway Traffic and Safety Administration (NHTSA)

PI: John H Bolte IV- The Ohio State University

- \$222,897 - Role: 8% effort

1/2010 - 4/2012: Facial Fracture Injury Risk Functions for Assessing the Performance of Improved Face and Eye Protection- *Co-Investigator*

Research Contract from Virginia Polytechnic Institute

PI: John H Bolte IV- The Ohio State University

- \$149,177 - Role: 10% effort

2009 - 2010: Knee Airbag Injury Risk Assessment for Children- *Co-Investigator*

Center for Child Injury Prevention Studies (CChIPS), National Science Foundation I/UCRC

PI: John H Bolte IV- The Ohio State University

- \$49,192

2009 - 2010: Structural and Material Characteristics of the Pediatric Thoracic Cage and their Relationship to Age-Related Changes in Thoracic Response- *Co-Investigator*

Center for Child Injury Prevention Studies (CChIPS), National Science Foundation I/UCRC

PI: Sriram Balasubramanian- Children's Hospital of Philadelphia

- \$66,131

2009 - 2010: A Novel Approach to Develop Age-Equivalent Models for Pediatric Long Bones- *Co-Investigator*

AGNEW- CURRICULUM VITAE

Center for Child Injury Prevention Studies (CChIPS), National Science Foundation I/UCRC
PI: Sriram Balasubramanian- Children's Hospital of Philadelphia

- \$71,629

2008 - 2009: Pediatric Rib Study- Graduate Research Assistant

National Highway Traffic Safety Administration (NHTSA), Vehicle Research and Test Center (VRTC); East Liberty, Ohio
PI: John H Bolte IV- The Ohio State University

2008 - 2009: Çatalhöyük Rib Study- Researcher

The Ohio State University, Bioarchaeology Lab (<http://www.catalhoyuk.com/>)
PI: Clark Spencer Larsen- The Ohio State University, Sabrina Agarwal- UC, Berkeley

2007 - 2010: Injury Biomechanics Research Lab (IBRL)- Researcher

The Ohio State University Medical Center, Division of Anatomy (<http://ibrl.osu.edu>)

- Experimental research in biomechanics including dissection of Post-Mortem Human Subjects for instrumentation, testing, and dissection of subjects after testing for sponsors including NASA, NHTSA, Nissan, Honda, US Army, and US Air Force (WPAFB)

2006 - 2009: Global History of Health Project- Researcher

(<http://global.sbs.ohio-state.edu/global.php>)
PI: Richard Steckel, Clark Spencer Larsen, Paul Sciulli- The Ohio State University: Phillip Walker- UC, Santa Barbara

- Bioarchaeological analysis and data collection for the Giecz Skeleton Collection and Giza Plateau Mapping Project Skeleton Collection

PEER-REVIEWED JOURNAL PUBLICATIONS

- Dominguez VM, Agnew AM. in press. The use of overlays and a semi-automated method for measuring cortical area in histological analysis. *American Journal of Physical Anthropology*. In press.
- Agnew AM, Murach MM, Dominguez VM, Sreedhar A, Misicka E, Harden A, Bolte JH, Stammen J, Moorhouse K, Kang Y-S. 2018. Sources of variability in structural bending response of pediatric and adult human ribs in dynamic frontal impacts. *Stapp Car Crash Journal*. In press.
- Murach MM, Kang Y-S, Bolte JH, Moorhouse K, Stammen J, Stark D, Ramachandra R, Agnew AM. 2018. Quantification of skeletal and soft tissue contributions to thoracic response in a dynamic frontal loading scenario. *Stapp Car Crash Journal*. In press.
- Albert D, Kang YS, Agnew AM, Kemper A. 2018. The effect of injurious whole rib loading on rib cortical bone material properties. *International Research Council on Biomechanics of Injury (IRCOBI)*. IRC-18-96, 680-687.
- Shurtz BK, Agnew AM, Kang YS, Bolte JH. 2018. Application of scaled deflection injury criteria to two small, fragile females in side impact motor vehicle crashes. *SAE International*. Paper No. 2018-01-0542.
- Bing J, Agnew AM, Bolte JH. 2018. Compatibility of booster seats and vehicles in the US market. *Traffic Injury Prevention*. 19(4): 385-390.
- Justus HM, Agnew AM. 2017. Preliminary osteological investigation of early medieval site Gz10 in Giecz, Poland. *Studia Lednicka*, XVI: 61-67.

AGNEW- CURRICULUM VITAE

- Shurtz BK, **Agnew AM**, Kang YS, Bolte JH. 2017. Effect of chestbands on the global and local response of the human thorax to frontal impact". *Annals of Biomedical Engineering*. 45(11): 2663-2672.
- **Agnew AM**, Murach MM, Misicka E, Moorhouse K, Bolte JH, Kang YS. 2017. The effect of body size on adult human rib structural properties. *International Research Council on Biomechanics of Injury (IRCOBI)*. IRC-17-105, 728-736.
- Albert D, **Agnew AM**, Kang YS, Kemper A. 2017. A comparison of rib structural and material properties from whole bone bending and coupon tension tests. *International Research Council on Biomechanics of Injury (IRCOBI)*. IRC-17-71, 567-576.
- Kang YS, **Agnew AM**, Icke K, Bolte JH. 2017. Elderly PMHS thoracic responses and injuries in frontal impacts. *International Research Council on Biomechanics of Injury (IRCOBI)*. IRC-17-69, 539-557.
- Kim DG, Jeong YH, Chien HH, **Agnew AM**, Lee JW, Wen HB. 2017. Immediate mechanical stability of threaded and porous implant systems. *Clinical Biomechanics* 48: 110-117.
- Murach MM, Kang YS, Goldman SD, Schafman MA, Schlecht SH, Moorhouse K, Bolte JH, **Agnew AM**. 2017. Rib geometry explains variation in dynamic structural response: Potential implications for frontal impact fracture risk. *Annals of Biomedical Engineering* 45(9): 2159-2173.
- **Agnew AM**, Dominguez VM, Sciulli P, Stout SD. 2017. Variability of *in vivo* linear microcrack accumulation in the cortex of elderly human ribs. *Bone Reports* 6: 60-63.
- Hunter RL, **Agnew AM**. 2016. Intra-skeletal variation in human cortical osteocyte lacunar density: implications for bone quality assessment. *Bone Reports* 5: 252-261.
- Schafman M, Kang YS, Moorhouse K, White S, Bolte JH, **Agnew AM**. 2016. Age and sex alone are insufficient to predict human rib structural response to dynamic A-P loading. *Journal of Biomechanics* 49(14): 3516-3522.
- Stout SD, Gocha TP, Cole BM, **Agnew AM**. 2016. *Bone histology*. Oxford Bibliographies in Anthropology.
- Butz J, Brick D, Rinehart-Thompson L, Brodnik M, **Agnew AM**, Patterson ES. 2016. Differences in coder and physician perspectives on the use of ICD-10-CM/PCS: A survey study. *Journal of Health Policy and Technology* 30(5): 251-259.
- Gocha TP, **Agnew AM**. 2016. Spatial variation in osteon population density at the human femoral midshaft: Histomorphometric adaptations to habitual load environment. *Journal of Anatomy* 228: 733-745.
- Kim DG, Kwon HJ, Jeong YH, Chien HH, Crance S, **Agnew AM**, Battula S, Lee JW, Wen HB. 2016. Associations of resonance frequency analysis with dynamic mechanical analysis of dental implant systems. *Clinical Implant Dentistry and Related Research* 18(2): 332-341.
- Dominguez V, **Agnew AM**. 2016. Examination of factors potentially influencing osteon size in the human rib. *Anatomical Record* 299(3): 313-324.
- Howes MK, **Agnew AM**, Hallman JJ, Hardy WN. 2015. Evaluation of the kinematic responses and potential injury mechanisms of the jejunum during seatbelt loading. *Stapp Car Crash Journal* 59: 225-267.

AGNEW- CURRICULUM VITAE

- Bing JM, Bolte JH, **Agnew AM**. 2015. Investigation of Child Restraint System (CRS) compatibility in the vehicle seat environment. *Traffic Injury Prevention* 16: S1-S8.
- Kim DG, Jeong YH, Kosel E, **Agnew AM**, McComb D, Bodnyk K, Hart RT, Kim MK, Han SY, Johnston WM. 2015. Regional variation of bone tissue properties at human mandibular condyle. *Bone* 77: 98-106. DOI: 10.1016/j.bone.2015.04.024
- **Agnew AM**, Betsinger TK, Justus HM. 2015. Post-cranial traumatic injury patterns in two Medieval Polish populations: The effects of lifestyle differences. *PLoS One* 10(6):e0129458.
- **Agnew AM**, Schafman M, Moorhouse K, White S, Kang YS. Jan, 2015. The effect of age on the structural properties of human ribs. *Journal of the Mechanical Behavior of Biomedical Materials* 41: 302-314. DOI: 10.1016/j.jmbbm.2014.09.002 (Invited submission for Special Issue: Injury Biomechanics).
- Vercellotti G, Piperata B, **Agnew AM**, Wilson W, Dufour D, Boano R, Justus HM, Larsen CS, Stout SD, Sciulli PW. Oct, 2014. Stress, social inequality, and growth retardation: Exploring the multidimensionality of stature variation in the past through comparisons of archaeological and living populations. *American Journal of Physical Anthropology* 155(2): 229-242. DOI: 10.1002/ajpa.22552. (Invited submission for *Special Issue: Reconciling Health and Stress*).
- **Agnew AM**, Moorhouse K, Murach M, White SE, Kang YS. Sept, 2014. Tensile stress in human ribs throughout the lifespan. *International Research Council on Biomechanics of Injury (IRCOBI)*. IRC-14-151.
- **Agnew AM**, Justus HM. July, 2014. Preliminary investigations of the bioarchaeology of Medieval Giecz (XI-XII c.): Examples of trauma and stress. *Anthropological Review* 77(2): 189-203. DOI: 10.2478/anre-2014-0005.
- **Agnew AM**, Moorhouse K, Kang YS, Donnelly BR, Pfefferle K, Manning A, Litsky A, Herriott R, Abdel-Rasoul M, Bolte JH. Dec, 2013. The response of pediatric ribs to quasi-static loading: Mechanical properties and microstructure. *Annals of Biomedical Engineering* 41(12): 2501-2514. DOI: 10.1007/s10439-013-0875-6.
- **Agnew AM**, Moorhouse K, Kang YS, Herriott R, Bolte JH. Sept, 2013. Age-related changes in stiffness in human ribs. *International Research Council on Biomechanics of Injury (IRCOBI) Proceedings*. IRC-13-032.
- Schlecht S, Pinto D, **Agnew AM**, Stout SD. 2012. The effects of disuse on the mechanical properties of bone: What unloading tells us about the adaptive nature of skeletal tissue. *American Journal of Physical Anthropology* 149(4): 599-605. DOI: 10.1002/ajpa.22150.
- Rose D, **Agnew AM**, Gocha T, Stout SD, Field J. 2012. The use of geographical information systems software for the spatial analysis of bone microstructure. *American Journal of Physical Anthropology* 148(4): 648-654. DOI: 10.1002/ajpa.22099.
- **Agnew AM**, Stout SD. 2012. Re-evaluating osteoporosis in human ribs: the role of intracortical porosity. *American Journal of Physical Anthropology* 148(3): 462-466. DOI: 10.1002/ajpa.22048.
- Vercellotti G, **Agnew AM**, Justus HM, Sciulli P. 2009. Stature estimation in an early medieval (XI-XII c.) Polish population: testing the accuracy of regression equations in a bioarcheological sample. *American Journal of Physical Anthropology* 140(1): 135-142. DOI: 10.1002/ajpa.21055.

- Justus HM, **Agnew AM**. 2009. Two cases of perimortem trauma in an early medieval eastern European cemetery (Giecz, Poland): limited evidence of interpersonal violence in the early Polish state. *Paleopathology Newsletter* 147: 7-14. (Editor-reviewed)

CONFERENCE PROCEEDINGS

- Bolte JH, Gustafson H, **Agnew AM**, Kang YS. 2018. Short Communication: Injuries due to lower spine blunt force impacts associated with the planetary suit body seal closure. *Proceedings of the International Research Council on Biomechanics of Injury (IRCOBI)*, IRC-18-25: 170-172.
- Harden A, Kang YS, Moorhouse K, **Agnew AM**. 2017. Short Communication: Variance in fracture location of human ribs subjected to dynamic antero-posterior bending. *Proceedings of the International Research Council on Biomechanics of Injury (IRCOBI)*, IRC-17-109: 749-750.
- Hunter RL, Murach MM, Briley KC, **Agnew AM**. 2017. Short Communication: Preliminary investigation into the co-variation of cortical geometric properties and vBMD along the length of the tibia. *Proceedings of the International Research Council on Biomechanics of Injury (IRCOBI)*, IRC-17-101: 711-712.
- Shurtz B, **Agnew AM**, Kang YS, Bolte JH. 2016. Effects of chestbands on the global response and localized loading of the human thorax. *Proceedings of the Forty-Fourth International Workshop on Human Subjects for Biomechanical Research*.
- **Agnew AM**, Kang YS, Murach MM, Moorhouse K, Bolte JH. 2016. Establishing a hierarchical approach to explore biological contributors to dynamic response and failure in the human thorax. *Proceedings of the Forty-Fourth International Workshop on Human Subjects for Biomechanical Research*.
- Shurtz B, **Agnew AM**, Kang YS, Bolte JH. 2016. Effects of chestbands on the global response of the human thorax to frontal impact. *Proceedings of the 12th Injury Biomechanics Symposium*.
- **Agnew AM**, Kang YS. 2016. Short Communication: "Human rib failure strain in dynamic frontal loading at the antero-lateral location". In: *Proceedings of the International Research Council on Biomechanics of Injury (IRCOBI)*, IRC-16-112: 931-932.
- Murach M, Bazyk A, Misicka E, Kang YS, Moorhouse K, **Agnew AM**. 2016. Short communication: Utilization of a novel method for measuring cortical thickness to investigate variation with age in male human ribs. In: *Proceedings of the International Research Council on Biomechanics of Injury (IRCOBI)*, IRC-16-114: 935-936.
- Dominguez VM, Kang YS, Murach M, Crowe N, **Agnew AM**. 2016. Short communication: "Bone area vs cortical area: Considering intracortical porosity when predicting rib structural properties". In: *Proceedings of the International Research Council on Biomechanics of Injury (IRCOBI)*, IRC-16-113: 933-934.
- Murach M, Schafman M, Kang YS, White S, Bolte JH, Moorhouse K, **Agnew AM**. 2015. The relationship between geometric and structural properties of human ribs: Implications for fracture risk. *Proceedings of the Association for the Advancement of Automotive Medicine Student Symposium*.
- Murach M, Schafman M, Kang YS, White S, Bolte JH, Moorhouse K, **Agnew AM**. May, 2015. Geometric properties of human ribs as predictors of structural properties. *Proceedings of the 11th Injury Biomechanics Symposium*.

- Schafman M, Kang YS, Moorhouse K, **Agnew AM**. May, 2014. The effect of age on the structural properties of ribs in dynamic frontal loading. Proceedings of the 10th Injury Biomechanics Symposium.

BOOK CHAPTERS

- Stout SD, Cole MB, **Agnew AM**. (in press). Deciphering the Metabolic Record. In: Ortner D, Buikstra J, Lynnerup N, (eds). Identification of Pathological Conditions in Human Skeletal Remains. Academic Press.
- Justus HM, **Agnew AM**. 2016. Life and Death in Medieval Poland: An example of the Giecz Collection. In: Kara M, Krysztofiak T, Wyrwa AM (eds). Gród piastowski w Gieczu – geneza, funkcja, kontekst (*Piast Dynasty Stronghold in Giecz - origins, status, context*). Poznań: Poznańskie Towarzystwo Przyjaciół Nauk (Poznań Society of Friends of Sciences). (Peer-reviewed)
- **Agnew AM**, Bolte JH. 2011. Bone fracture: biomechanics and risk. In: Crowder C, Stout SD (eds). Bone Histology: An Anthropological Perspective. New York: CRC Press.

TECHNICAL REPORTS

- **Agnew AM**, Danelson K, Hunter RL, Briley K, Yard A, Kang YS, Bolte JH. April, 2016. PMHS variability in under body blast in the context of quantifying bone quality for scaling response and injury. Army Research Lab: Warrior Injury Assessment Manikin (WIAMan) Project Annual Report, Internal Report.
- Bing J, Boucher L, **Agnew AM**. June, 2015. Anthropometry update: Is the 6 year old ATD representative of age-matched children? CChIPS Final Project, Internal Report.
- Boucher L, Kang YS, Bolte JH, **Agnew AM**. Aug, 2014. Development and validation of a biofidelic pediatric ATD lower extremity. CChIPS Final Project, Internal Report.
- Bing J, Bolte JH, **Agnew AM**. April, 2014. *Quantifying CRS fit in the vehicle seat environment*. CChIPS Final Project, Internal Report.
- **Agnew AM**. 2012. *Anatomical basis of injury analysis- TRW04*. Columbus, OH, USA: TRW Automotive, Internal Report.
- **Agnew AM**. 2012. *Anatomical basis of injury analysis - TRW03*. Columbus, OH, USA: TRW Automotive, Internal Report.
- **Agnew AM**. 2012. *Anatomical basis of injury analysis - TRW02*. Columbus, OH, USA: TRW Automotive, Internal Report.
- **Agnew AM**. 2012. *Anatomical basis of injury analysis - TRW01*. Columbus, OH, USA: TRW Automotive, Internal Report.
- **Agnew AM**, Kang YS, Bolte JH. 2011. *Anatomical basis of injury analysis- HMC01-06*. Columbus, OH, USA: HMC, Internal Report. (Report No. HMCEFNR208T01-06)
- Bing J, **Agnew AM**. 2011. *A dynamic test set-up for evaluating mechanical properties of pediatric and elderly ribs- test report*. East Liberty, OH, USA: VRTC/NHTSA, Internal Report.
- **Agnew AM**. 2010. Mechanical properties of human ribs from pediatric to elderly- test report. East Liberty, OH, USA: VRTC/NHTSA, Internal Report.

- **Agnew AM**, Bolte JH. 2009. *Relating material properties to microstructure of pediatric ribs- test report*. East Liberty, OH, USA: VRTC/NHTSA, Internal Report.
- **Agnew AM**, Bolte JH. 2008. *Material properties of pediatric ribs- test report*. East Liberty, OH, USA: VRTC/NHTSA, Internal Report.

PUBLISHED ABSTRACTS

- Hunter RL, Briley K, Ellis J, **Agnew AM**. in press. Quantitative computed tomography (QCT) analysis of bone quality: Hierarchical levels of variation for predictive fracture risk. *Journal of Bone and Mineral Research*. Vol #: #.
- Dominguez V, **Agnew AM**. 2018. Revised criteria for reducing observer error in the histological assessment of linear microcracks. *American Journal of Physical Anthropology*. Vol. 165(S66): 69-70.
- Mayus R, **Agnew AM**. 2018. Age-associated changes in subadult cross-sectional geometry of ribs: A comparison between modern and medieval Polish samples. *American Journal of Physical Anthropology*. Vol. 165(S66): 170.
- Hubbard A, Justus HM, Vercellotti G, **Agnew AM**. 2018. Assessing methods for estimating linear enamel hypoplasia prevalence in the field: Implications for bioarchaeological practice. *American Journal of Physical Anthropology*. Vol. 165(S66): 127.
- Hunter RL, Lane K, **Agnew AM**. 2018. Multiscale investigation of human variation in skeletal health". *American Journal of Physical Anthropology*. Vol. 165(S66): 128.
- Harden A, **Agnew AM**. 2018. Classification of fractures in human ribs subjected to dynamic bending. *American Journal of Physical Anthropology*. Vol. 165(S66): 112.
- Messer D, **Agnew AM**. 2018. Pediatric fracture healing and fracture location; a radiographic approach. *American Journal of Physical Anthropology*. Vol. 165(S66): 176.
- Dominguez V, Crowe N, Harden A, **Agnew AM**. 2018. Histological variables at multiple locations and the effect on age estimation". *Proceedings of the 70th annual American Academy of Forensic Sciences (AAFS)*. Vol XXIV, 55.
- Hunter RL, **Agnew AM**, Murach MM, Briley KC. 2017. Preliminary computed tomography (CT) multi-scale investigation of cortical bone quality in non-osteoporotic males". *Journal of Bone and Mineral Research*. Vol. 32: S149-S150.
- **Agnew AM**, Misicka E, Murach MM, Dominguez VM, Gocha TP. 2017. Fracture resistance in the human rib: Contributions of cross-sectional geometry. *American Journal of Physical Anthropology*. Vol. 162(S64): 94.
- Dominguez VD, **Agnew AM**. 2017. Cortical area vs bone area: Assessing intracortical and endosteal bone loss with age. *American Journal of Physical Anthropology*. Vol. 162(S64): 163.
- Hunter RL, Briley KC, Yard AJ, Murach MM, **Agnew AM**. 2017. Investigating intra-skeletal variation in cortical bone strength parameters of the radius and tibia in non-osteoporotic males. *American Journal of Physical Anthropology*. Vol. 162(S64): 225.
- Gocha TP, Murach MM, **Agnew AM**. 2017. Cortical thickness as a supplement to histological variables to estimate age at death in the human femoral midshaft. *American Journal of Physical Anthropology*. Vol. 162(S64): 196.

AGNEW- CURRICULUM VITAE

- Yu SH, Nye SN, Han CM, Papio M, **Agnew AM**, Kim DG. 2017. Correlations between alveolar bone tissue properties". Scientific Program of the 46th American Association for Dental Research (AADR) meeting.
- Kim DG, Haghighi A, Kwon HJ, Coogan JS, Nicoletta DP, Ness GM, Cho J, Johnson T, Kim H, Kim N, **Agnew AM**. 2017. Mechanical characterization of human mandibular condyle". Podium presentation at the Orthopaedic Research Society (ORS) annual meeting.
- Messer D, **Agnew AM**. 2017. Exploring the gap between anthropological and clinical literature on pediatric fracture healing". Proceedings of the 69th annual American Academy of Forensic Sciences (AAFS).
- Yoganandan N, Pintar F, Bass CD, Ortiz M, Cutcliffe H, Rupp J, **Agnew AM**, Weaver A, Gayzik FS, Voo L. 2016. Is simple geometric scaling to transform cervical spine injury criteria from males to females adequate? Podium presentation at Summer Biomechanics, Bioengineering and Biotransport Conference (SB3C); National Harbor, MD, USA. Conference Proceedings.
- Dominguez VM, Gocha TP, **Agnew AM**. April, 2016. Diffuse endosteal bone formation resulting from metastatic breast cancer: a histological case study. Paleopathology Newsletter Supplement, Scientific Program of the 43rd annual Paleopathology Association meeting; 28. (Editor-reviewed)
- Hunter R, Justus HM, **Agnew AM**. March, 2016. Vertebral neural canal (VNC) diameters and their association with earlier age at death in a Medieval Polish population. American Journal of Physical Anthropology 159: 181.
- Gocha TP, Dominguez V, **Agnew AM**. March, 2016. Spatial patterning in osteon population density in the human rib. American Journal of Physical Anthropology 159: 156.
- Kim DG, Jeong YH, Han SY, **Agnew AM**. March, 2016. Elastic and viscoelastic properties associated with oral bone fracture at the tissue- and macro-levels. Transactions of the Orthopaedic Research Society (ORS).
- Yu S, Jeong Y, Papio M, Nye SN, **Agnew AM**, Kim DG. March, 2016. Mechanical properties of alveolar bone tissue surrounding human teeth. Scientific Program of the 45th American Association for Dental Research (AADR) meeting.
- Chu YH, Han CM, **Agnew AM**, Kim DG. March, 2016. Mechanical properties of mineralized tissue surrounding the periodontal ligament in human mandibles. Scientific Program of the 45th American Association for Dental Research (AADR) meeting.
- Han CM, Jeong YH, **Agnew AM**, Kim DG. March, 2016. Tissue- to macro-level mechanical properties of human oral bone. Scientific Program of the 45th American Association for Dental Research (AADR) meeting.
- Gocha TP, Stout SD, **Agnew AM**. Feb, 2016. Examining the accuracy of age estimates from new histological sampling strategies at the femoral midshaft. Proceedings of the 68th annual American Academy of Forensic Sciences meeting; 403.
- Briley K, Zhang J, Wright C, **Agnew AM**, Knopp M. Dec, 2015. Feasibility of quantitative and morphometric bone analysis using a next generation digital PET/CT platform. Radiological Society of North America (RSNA).

AGNEW- CURRICULUM VITAE

- Hunter R, **Agnew AM**. Oct, 2015. Variation in systemic human cortical osteocyte lacunar density: relationships with intracortical porosity. *Journal of Bone and Mineral Research (JBMR)*.
- Zhang J, Binzel K, **Agnew AM**, Bardos P, Liu X, Briley K, Wright C, Knopp M. June, 2015. Intraindividual evaluation of low-dose iterative CT compared to conventional CT for PET attenuation correction and clinical diagnostic image quality- A validation study for a next generation digital detector PET/CT system. *Journal of Nuclear Medicine* 56 (suppl 3): 1699.
- Dominguez V, **Agnew AM**. March, 2015. Potential influences on rib osteon area. *American Journal of Physical Anthropology* 156: 122.
- Murach M, Schlecht S, **Agnew AM**. March, 2015. Robusticity in the axial skeleton: an example of the rib. *American Journal of Physical Anthropology* 156: 231-232.
- Hunter R, **Agnew AM**. March, 2015. Intracortical porosity of the distal radius: Association with evidence of systemic remodeling. *American Journal of Physical Anthropology* 156: 173.
- Gocha T, **Agnew AM**. March, 2015. Regional variation in osteon size at the femoral midshaft. *American Journal of Physical Anthropology* 156: 147.
- Messer D, Dominguez V, **Agnew AM**. March, 2015. Analysis of human rib fracture mode. *American Journal of Physical Anthropology* 156: 224-225.
- Jeong YH, Kwon HJ, Chen HY, Yao X, Sedlar R, **Agnew AM**, Kim DG. March, 2015. Characteristics of trabecular bone in the human mandibular condyle. Scientific Program of the 44th American Association for Dental Research (AADR) meeting.
- Jeong YH, **Agnew AM**, Nichol R, McComb D, Shin H, Johnston WM, Kim DG. March, 2015. Characteristics of human mandibular condyle bone tissue. *Transactions of the Orthopaedic Research Society (ORS)*.
- **Agnew AM**, Moorhouse K, Murach M, White SE, Kang YS. Sept, 2014. Tensile stress in human ribs throughout the lifespan. *Proceedings of the International Research Council on Biomechanics of Injury (IRCOBI)*.
- Justus HM, **Agnew AM**. Aug, 2014. Skeletal abnormalities observed in an adult from early Medieval Poland: Is this a rare archaeological case of Down Syndrome? *Paleopathology Newsletter, Proceedings of the 20th European meeting of the Paleopathology Association; Lund, Sweden. (Editor-reviewed)*
- Bass DC, Danelson K, Yoganandan N, Voo L, **Agnew AM**, Rupp J, Cutcliffe H, Stitzel J, Gayzik FS, Merkle A. July, 2014. Comprehensive normalization and scaling framework for underbody blast biomechanics. *Proceedings of World Congress of Biomechanics (WCB) meeting: 5286.*
- Jeong YH, Kosel E, Li YD, Min MK, Han SY, **Agnew AM**, Kim DG. March, 2014. Regional variation of human mandibular subchondral bone tissue properties. Scientific Program of the 43rd American Association for Dental Research (AADR) meeting.
- Kim DG, Kwon HJ, Chien HH, Jeong Y, Crance SL, **Agnew AM**, Battula S, Lee JW, Wen HB. March, 2014. Resonance frequency analysis for mechanical stability of dental implant system. Scientific Program of the 43rd American Association for Dental Research (AADR) meeting.

AGNEW- CURRICULUM VITAE

- Dominguez VM, **Agnew AM**. March, 2014. Patterns in resorptive spaces in elderly rib cortices. *American Journal of Physical Anthropology* 153:107.
- Hunter RL, **Agnew AM**. March, 2014. Non-uniform osteocytic lacunae distribution across the femoral cortex. *American Journal of Physical Anthropology* 153:147.
- Gocha TP, **Agnew AM**. March, 2014. Evidence for regional asymptotes of osteon population density from the femoral midshaft. *American Journal of Physical Anthropology* 153:126.
- Gocha TP, **Agnew AM**. Feb, 2014. Mapping spatial patterns in cortical bone histology from the femoral midshaft using Geographic Information Systems software. *Proceedings of the 66th annual American Academy of Forensic Sciences meeting*; 401.
- Jeong, YH, Kim MK, Han SY, **Agnew AM**, Kim DG. March, 2014. Regional variation of mechanical properties in human mandibular subchondral bone tissue. *Transactions of the Orthopaedic Research Society (ORS)* 39; 1134.
- **Agnew AM**, Justus HM. March, 2013. Developmental dysplasia of the hip in a child from Medieval Poland. *Paleopathology Newsletter Supplement, Scientific Program of the 40th annual Paleopathology Association meeting*; 25. (Editor-reviewed)
- Hunter RL, **Agnew AM**. March, 2013. Vertebral morphometric evaluation of stress in modern pediatric patients. *American Journal of Physical Anthropology* 150:155.
- **Agnew AM**, Stout SD, Sciulli PW. March, 2013. Microfractures in elderly ribs: contributions to bone quality. *American Journal of Physical Anthropology* 150:64.
- Justus HM, **Agnew AM**. 2012. Two possible cases of Leprosy in Medieval Poland. *Paleopathology Newsletter, Proceedings of the 19th European meeting of the Paleopathology Association*; Lille, France. (Editor-reviewed)
- **Agnew AM**, Stout SD. 2012. The 'adjusted parabolic index': a revised approach to evaluating osteoporosis in human ribs. *American Journal of Physical Anthropology* 147: 80.
- **Agnew AM**, Sun F. 2011. Bone quality in the elderly: the role of microfractures. *Clinical Anatomy* 24: 1016.
- Boucher L, **Agnew AM**, Monat H, Bolte JH. 2011. Case study: gross anatomic dissection and CT scan of a 94 year-old female achondroplastic dwarf. *Clinical Anatomy* 24: 1018.
- Hunter R, Goliath J, **Agnew AM**. 2011. Challenging anatomists to an anthropological perspective: an example of the skeletal system. *Clinical Anatomy* 24: 1026-1027.
- Guth, JJ, **Agnew AM**. 2011. Comparative foot and ankle anthropometry from the US, Japan, and Australia. *Clinical Anatomy* 24: 1024-1025.
- Scofield M, **Agnew AM**, Bolte JH. 2011. Postmortem studies of high-energy lateral impacts to the zygomatic bone. *Proceedings of the 6th Annual Injury Biomechanics Symposium*; Columbus OH.
- Hunter R, **Agnew AM**. 2011. A differential diagnosis of Diffuse Idiopathic Skeletal Hyperostosis (DISH) in a *Gorilla gorilla gorilla* skeleton. *American Journal of Physical Anthropology* 52: 172.
- Rose D, Gocha T, **Agnew AM**, Stout SD. 2011. Defining patterns in human bone microstructure through the application of geographic information system (GIS) software. *American Journal of Physical Anthropology* 52: 256-257.

AGNEW- CURRICULUM VITAE

- Justus HM, **Agnew AM**. 2011. Complete sagittal cleft vertebra in an early medieval Polish population. *Paleopathology Newsletter Supplement, Scientific Program of the 38th annual Paleopathology Association meeting*. (Editor-reviewed)
- **Agnew AM**, Moorhouse K, Donnelly BR, Bolte JH. 2010. Determining the relationship between material properties and microstructure of human pediatric ribs. *Annals of Advances in Automotive Medicine* 54.
- **Agnew AM**, Justus HM. 2010. Osteochondritis dissecans as evidence of a labor intensive adolescence? *Paleopathology Newsletter Supplement, Scientific Program of the 37th annual Paleopathology Association meeting*. (Editor-reviewed)
- **Agnew AM**, Betsinger TK, Justus HM. 2010. A comparison of traumatic injury patterns between a rural and an urban population from medieval Poland. *American Journal of Physical Anthropology* 50:52.
- **Agnew AM**, Moorhouse K, Donnelly BR, Bolte JH. 2009. The relationship between microstructure and material properties of pediatric ribs. *Proceedings of the 5th Annual Injury Biomechanics Symposium*; Columbus OH.
- **Agnew AM**, Justus HM. 2009. Patterns of violent and non-violent trauma in a medieval population from Giecz, Poland. *American Journal of Physical Anthropology* 48:75.
- **Agnew AM**, Justus HM, Ortner DJ, Ragsdale BD, Stout SD. 2009. Case study: A medieval Polish skeletal exhibiting an unusual pattern of cranial and post-cranial lesions. *Paleopathology Newsletter Supplement, Scientific Program of the 36th annual Paleopathology Association meeting*: 28-29. (Editor-reviewed)
- Justus HM, **Agnew AM**. 2009. Limited perimortem evidence of interpersonal violence in early medieval Poland. *Paleopathology Newsletter Supplement, Scientific Program of the 36th annual Paleopathology Association meeting*: 39. (Editor-reviewed)
- Brickley M, Kozłowski T, Steckel RH, Larsen CS, Walker PL, Blondiaux J, Grupe G, Jankauskas R, Maat G, McGlynn G, Papathanasiou A, Roberts C, Teschler-Nicola M, Wittwer-Backofen U, **Agnew A**, et al. 2009. Socio-culturally mediated disease: rickets and scurvy. *American Journal of Physical Anthropology* 48: 97.
- Jankauskas R, Roberts C, Steckel RH, Larsen CS, Walker PL, Blondiaux J, Grupe G, Maat G, McGlynn G, Papathanasiou A, Teschler-Nicola M, Wittwer-Backofen U, **Agnew A**, Assis S, Berczki Z, et al. 2009. Contextual dimensions of European health and lifestyle: the archaeological and historical record. *American Journal of Physical Anthropology* 48: 157.
- Larsen CS, Walker PL, Steckel RH, Sciulli P, Klaus H, Blondiaux J, Grupe G, Jankauskas R, Maat G, McGlynn G, Papathanasiou A, Roberts C, Teschler-Nicola M, Wittwer-Backofen U, **Agnew A**, et al. 2009. History of degenerative joint disease in Europe: inferences about lifestyle and activity. *American Journal of Physical Anthropology* 48: 172.
- Maat G, Steckel RH, Larsen CS, Walker PL, Blondiaux J, Grupe G, Jankauskas R, McGlynn G, Papathanasiou A, Roberts C, Teschler-Nicola M, Wittwer-Backofen U, **Agnew A**, Assis S, Berczki Z, et al. 2009. Body size and activity inference: femur length and midshaft index. *American Journal of Physical Anthropology* 48: 179-180.
- Marques C, Blondiaux J, Steckel RH, Larsen CS, Walker PL, Grupe G, Jankauskas R, Maat G, McGlynn G, Papathanasiou A, Roberts C, Teschler-Nicola M, Wittwer-Backofen

- U, **Agnew A**, Assis S, et al. 2009. Periosteal appositions: a non-specific index of the history of health in Europe. *American Journal of Physical Anthropology* 48: 183-184.
- Papathanasiou A, Walker PL, Steckel RH, Larsen CS, Blondiaux J, Grupe G, Jankauskas R, Maat G, McGlynn G, Roberts C, Teschler-Nicola M, Wittwer-Backofen U, **Agnew A**, Assis S, Berczki Z, et al. 2009. The history of anemia and related nutritional deficiencies in Europe: evidence from cribra orbitalia and porotic hyperostosis. *American Journal of Physical Anthropology* 48: 205-206.
 - Roberts C, Betsinger T, Steckel RH, Larsen CS, Walker PL, Blondiaux J, Grupe G, Maat G, McGlynn G, Papathanasiou A, Teschler-Nicola M, Wittwer-Backofen U, **Agnew A**, Assis S, Berczki Z, et al. 2009. The history of European infectious diseases: skeletal evidence of tuberculosis, leprosy, and treponematosi. *American Journal of Physical Anthropology* 48: 222-223.
 - Steckel RH, Kjellstrom A, Rose J, Larsen CS, Walker PL, Blondiaux J, Grupe G, Jankauskas R, Maat G, McGlynn G, Papathanasiou A, Roberts C, Teschler-Nicola M, Wittwer-Backofen U, **Agnew A**, et al. 2009. Summary measurement of health and wellbeing: the health index. *American Journal of Physical Anthropology* 48: 247.
 - Teschler-Nicola M, Marcsik A, Steckel RH, Larsen CS, Walker PL, Blondiaux J, Grupe G, Jankauskas R, Maat G, McGlynn G, Papathanasiou A, Roberts C, Wittwer-Backofen U, **Agnew A**, Assis S, et al. 2009. The history of growth disruption in European children: evidence from hypoplastic teeth. *American Journal of Physical Anthropology* 48: 254.
 - Walker PL, Steckel RH, Larsen CS, Blondiaux J, Grupe G, Jankauskas R, Maat G, McGlynn G, Papathanasiou A, Roberts C, Teschler-Nicola M, Wittwer-Backofen U, **Agnew A**, Assis S, Berczki Z, et al. 2009. Historical patterns of traumatic injury and violence in Europe. *American Journal of Physical Anthropology* 48: 265.
 - Wittwer-Backofen U, Coppa A, Larsen CS, Steckel RH, Walker PL, Blondiaux J, Grupe G, Jankauskas R, Maat G, McGlynn G, Papathanasiou A, Roberts C, Teschler-Nicola M, , **Agnew A**, Assis S, et al. 2009. The history of European oral health: evidence from dental caries, dental abscesses, and antemortem tooth loss. *American Journal of Physical Anthropology* 48: 275.
 - Justus HM, **Agnew AM**. 2008. Two possible cases of amputation in early medieval Eastern Europe. *Paleopathology Newsletter*, Proceedings of the 17th European meeting of the Paleopathology Association; Copenhagen, Denmark. (Editor-reviewed)
 - **Agnew AM**, Justus HM, Stout SD. 2008. Evidence of scurvy in medieval Eastern Europe- A possible case from Giecz, Poland. *Paleopathology Newsletter Supplement*, Scientific Program of the 35th annual Paleopathology Association meeting; Columbus, OH. (Editor-reviewed)
 - Justus HM, **Agnew AM**, Stout SD. 2008. Differential diagnosis for an unidentified orbitofrontal defect in an early medieval (XI-XII) cemetery in Giecz, Poland. *Paleopathology Newsletter Supplement*, Scientific Program of the 35th annual Paleopathology Association meeting; Columbus, OH. (Editor-reviewed)
 - Reitsema LJ, Crews DE, Justus HM, **Agnew AM**. 2008. Stable carbon and nitrogen analysis of diet from the medieval cemetery at Giecz, Poland. *American Journal of Physical Anthropology* 46:179.
 - **Agnew AM**, Streeter M, Stout SD. 2007. Histomorphological aging of subadults: A test of Streeter's method on a medieval archaeological population. *American Journal of Physical Anthropology* 44:61.

AGNEW- CURRICULUM VITAE

- Hughes GM, Justus HM, **Agnew AM**. 2006. Cranial non-metric variation within a medieval cemetery in Giecz, Poland. *American Journal of Physical Anthropology* 42: 106.
- Justus HM, **Agnew AM**. 2005. Preliminary examination of skeletal remains excavated between 1999 and 2004 at Gz 4, an early medieval cemetery site in Giecz, Poland. *American Journal of Physical Anthropology* 40: 125.

PRESENTATIONS

LOCAL

- **Agnew AM**. Oct, 2017. The importance of pediatric tissue testing in injury biomechanics. Presentation at Lifeline of Ohio; Columbus, OH. (Invited)
- **Agnew AM**. April, 2016. Skeletal response to dynamic impact: A case study in biomechanics. Presentation at School of Health and Rehabilitation Sciences Grand Rounds; Columbus, OH. (Invited)
- **Agnew AM**. Dec, 2014. Rib biomechanics. Presentation at Injury Biomechanics Research Center bi-annual research meeting; Columbus, OH.
- **Agnew AM**. May, 2015. Rib biomechanics update: Anatomy and dissection. Presentation to 'Lifeline of Ohio' staff; Columbus, OH. (Invited)
- **Agnew AM**. May, Aug, 2014. Rib biomechanics. Presentation at Injury Biomechanics Research Center bi-annual research meeting; Columbus, OH.
- **Agnew AM**. Mar, 2014. Pediatric thorax injury biomechanics. Presentation to 'Lifeline of Ohio' staff; Columbus, OH. (Invited)
- **Agnew AM**. Dec, 2013. Rib biomechanics update. Presentation at Injury Biomechanics Research Center bi-annual research meeting; Columbus, OH.
- **Agnew AM**. Oct, 2013. Biomechanics of the human rib. Orthodontics Research Seminar, The Ohio State University College of Dentistry; Columbus, OH. (Invited)
- **Agnew AM**. May, 2013. Human Gross Anatomy. Presentation at 9th annual Injury Biomechanics Symposium (IBS); Columbus, OH. (Invited)
- **Agnew AM**. March, 2013. Pediatric and elderly rib biomechanics. Presentation at Injury Biomechanics Research Center bi-annual research meeting; Columbus, OH.
- **Agnew AM**. Dec, 2012. Dynamic testing of pediatric and elderly ribs. Quarterly meeting presentation for NHTSA funded research at The Ohio State University; Columbus, OH.
- **Agnew AM**. Feb, Oct, 2012. Microstructure and biomechanics of the human rib. Skeletal Biology Seminar Series, The Ohio State University; Columbus, OH. (Invited)
- **Agnew AM**. Dec, 2010. Mechanical properties of pediatric and elderly ribs. Quarterly meeting presentation for NHTSA funded research at the Center for Automotive Research (CAR); Columbus, OH.
- **Agnew AM**. July, 2010. On the significance of pediatric tissue testing in Injury Biomechanics. Presentation to 'Lifeline of Ohio' staff; Columbus, OH. (Invited)

AGNEW- CURRICULUM VITAE

- **Agnew AM.** May, 2010. Mechanical properties of pediatric ribs. Quarterly meeting presentation for NHTSA funded research at the Center for Automotive Research (CAR); Columbus, OH.
- **Agnew AM.** Dec, 2009. Mechanical properties of pediatric ribs. Quarterly meeting presentation for NHTSA funded research at the Center for Automotive Research (CAR); Columbus, OH.
- **Agnew AM.** Nov, 2009. The relationship between microstructure and material properties of pediatric ribs. Department of Biomedical Informatics Research-in-Progress Seminar, The Ohio State University; Columbus, OH. (Invited)
- **Agnew A.** 2009. The relationship between microstructure and material properties of pediatric ribs. Podium and poster presentation at the 5th Annual Injury Biomechanics Symposium; Columbus OH.
- **Agnew AM.** May 2009. The biomechanics of human pediatric ribs. Quarterly meeting presentation for NHTSA funded research at the Center for Automotive Research (CAR); Columbus, OH.

NATIONAL

- **Agnew AM.** April, 2016. Skeletal response to dynamic impact: Thoracic injury biomechanics. Department of Anthropology Seminar Series, Pennsylvania State University; State College, PA. (Invited)
- **Agnew AM.** Jan, 2014. Homework to roadwork. Panel discussion at the Transportation Research Board Annual Meeting; District of Columbia. (Invited)
- **Agnew AM.** 2013. Current biomechanics research. Orthopaedics Research Lab Seminar, University of Michigan; Ann Arbor, MI. (Invited)
- **Agnew AM.** 2013. Whole-body injury scaling using ribs. Presentation at WIAMan BioPT update. Aberdeen Proving Grounds, Aberdeen, Maryland.
- **Agnew AM.** 2012. Development and validation of a biofidelic pediatric ATD lower extremity- interim report. Presentation at National Science Foundation CChIPS Industrial Advisory Board Meeting; Columbus, OH.
- **Agnew AM.** 2012. American Association of Anatomists Career Workshop. Panel discussion at the 81st annual American Association of Physical Anthropologists (AAPA) meeting; Portland, OR. (Invited)

INTERNATIONAL

- **Agnew AM.** Jan, 2015. Skeletal response to dynamic loading: Case studies in injury biomechanics. Bone and Joint Initiative Seminar Series. Western University; London, Canada. (Invited)
- **Agnew AM, Justus HM.** Oct, 2013. Life and Death in Medieval Poland. Presented at Gród piastowski w Gieczu – geneza, funkcja, kontekst, Rezerwat Archeologiczny w Gieczu, Giecz, Poland. (Invited)

TEACHING EXPERIENCE

Research in Biomedical Engineering 8999- Course Director

The Ohio State University Department of Biomedical Engineering; Columbus, OH

AGNEW- CURRICULUM VITAE

Gross Anatomy for Graduate Engineers 6220- Instructor

The Ohio State University Division of Anatomy; Columbus, OH

- 5 semester credits

Graduate Human Gross Anatomy 6900- Course Director, Instructor

The Ohio State University Division of Anatomy; Columbus, OH

- 8 semester credits

Research in Anatomy 8999- Course Director

The Ohio State University Division of Anatomy; Columbus, OH

Gross Anatomy for Medical Students- Musculoskeletal Block Lead Instructor

The Ohio State University College of Medicine; Columbus, OH

Education Practicum- Instructor

The Ohio State University, School of Health and Rehabilitation Sciences; Columbus, OH

- 1 semester credit

Research Seminar in Anatomy 7891- Course Director

The Ohio State University Division of Anatomy; Columbus, OH

- 1 semester credit

Advanced Regional Dissection- Course Director

The Ohio State University Division of Anatomy; Columbus, OH

- 2-5 semester credits

Advanced Musculoskeletal Anatomy for PT/OT Students 6000- Course Director

The Ohio State University Division of Anatomy; Columbus, OH

- 5 semester credits

Gross Anatomy for Dental Students 602/603- Gross Anatomy Course Coordinator

The Ohio State University Division of Anatomy; Columbus, OH

- 7 quarter credits

Individual Studies in Anatomy- Course Director

The Ohio State University Division of Anatomy; Columbus, OH

Gross Anatomy for Graduate Engineers 720- Instructor

The Ohio State University Division of Anatomy; Columbus, OH

- 6 quarter credits

Gross Anatomy for Undergraduate Engineers 220- Instructor

The Ohio State University Division of Anatomy; Columbus, OH

- 2 quarter credits

Med I Gross Human Anatomy 712- Lab Instructor

The Ohio State University Medical Center/Division of Anatomy; Columbus, OH

- 12 quarter credits

Introduction to Physical Anthropology- 200- Instructor, Graduate Teaching Associate

The Ohio State University Department of Anthropology; Columbus, OH

- 5 quarter credits

Introduction to Cultural Anthropology 202- Instructor, Graduate Teaching Associate

AGNEW- CURRICULUM VITAE

The Ohio State University Department of Anthropology; Marion and Columbus, OH

- 5 quarter credits

Human Osteoarchaeology in the Field and Lab- *Instructor and Senior Staff*

Field School in Mortuary Archaeology; The Slavia Project; Giecz, Poland (www.slavia.org)

- Prepare and present lectures in Gross Human Skeletal Anatomy, Human Juvenile Osteology, Methods in Archaeological Excavation of Human Skeletal Remains, Bioarchaeology, Human Biological Profiling, and Paleopathology for the Field School in Mortuary Archaeology
- Supervise and instruct students in lab and field on juvenile and adult human osteology, separation of human and faunal remains, and proper archaeology techniques including documentation and excavation of the Giecz Skeletal Collection
- ~1000 contact hours/summer

CONTINUING-EDUCATION TEACHING

2013 - 2014: Gross Anatomy Short-Course- *Instructor*

May 2013, May 2014

Injury Biomechanics Symposium

The Ohio State University, Columbus, OH

2011 - present: Forensic Anthropology/Forensic Aspects of Death- *Course Coordinator*

Aug 2011, Aug 2012, Aug 2013, July 2014, July 2015, July 2016, July 2017, Aug 2018

Office of the Ohio Attorney General, Bureau of Criminal Investigation

Ohio Peace Officer Training Academy; London, OH

ADVISING

POST-DOCTORAL RESEARCHERS (3)

2018: **Victoria Dominguez, PhD in Anatomy - *Supervisor***

Injury Biomechanics Research Center (IBRC), The Ohio State University

2014 - 2016: **Timothy Gocha, PhD in Biological Anthropology - *Supervisor***

Injury Biomechanics Research Center (IBRC), The Ohio State University

2013 - 2016: **Hyunjung Kwon, PhD in Biomedical Engineering - *Supervisor***

Injury Biomechanics Research Center (IBRC), The Ohio State University

DOCTORAL STUDENTS (17)

2018 - present: **Emma Brzezinski - *Doctoral co-advisor***

Anthropology, The Ohio State University

2017 - present: **Rebecca Mayus - *Doctoral co-advisor***

Anthropology, The Ohio State University

2016 - present: **Angela Harden - *Doctoral advisor***

Anatomy, The Ohio State University

2016 - 2018: **Devon Albert - *Doctoral committee member***

Biomedical Engineering, Virginia Polytechnic Institute

2015 - present: **Tiffany Marulli - *Doctoral committee member***

AGNEW- CURRICULUM VITAE

Anatomy, The Ohio State University

2015 - 2017: **Lauren Eichaker** - *Doctoral committee member*
Biomedical Engineering, The Ohio State University

2015 - 2017: **Benjamin Shurtz** - *Doctoral committee member*
Mechanical and Aerospace Engineering, The Ohio State University

2015 - 2016: **Zachariah Hubbell** - *Doctoral committee member*
Anthropology, The Ohio State University

2014 - present: **Julie Bing (Mansfield)** - *Doctoral committee member*
Biomedical Engineering, The Ohio State University

2014 - present: **Mary Beth Cole** - *Doctoral committee member*
Anthropology, The Ohio State University

2014 - 2016: **Amy Amabile** - *Doctoral committee member*
Anatomy, The Ohio State University

2013 - present: **Diana Messer** - *Doctoral advisor*
Anatomy, The Ohio State University

2012 - 2018: **Victoria Dominguez** - *Doctoral advisor & GRA supervisor*
Anatomy, The Ohio State University

2012 - 2015: **Scott Crawford** - *Doctoral committee member*
Biomedical Engineering, The Ohio State University

2012 - 2014: **Timothy Gocha** - *Doctoral committee member & GRA supervisor*
Anthropology, The Ohio State University

2011 - 2015: **Randee Hunter** - *Doctoral committee member*
Anthropology, The Ohio State University

2011 - 2014: **Laura Boucher** - *Doctoral committee member*
Anatomy, The Ohio State University

MASTER'S STUDENTS (23)

2017 - present: **Brianna Marselle** - *Master's advisor (non-thesis)*
Biomedical Engineering, The Ohio State University

2017 - 2018: **Elizabeth Appleton** - *Master's committee member (thesis)*
Medical Dietetics, The Ohio State University

2015 - 2017: **Michelle Murach** - *Master's advisor & GRA supervisor (thesis)*
Biomedical Engineering, The Ohio State University

2015 - 2017: **Alaine Whetli** - *Master's committee member (thesis)*
Mechanical Engineering, The Ohio State University

2015 - 2017: **Stephanie Johnston** - *Master's committee member (thesis)*
Biomedical Engineering, The Ohio State University

AGNEW- CURRICULUM VITAE

2015 - 2017: **Nicole Crowe** - *Master's advisor (thesis)*
Anatomy, The Ohio State University

2015 - 2017: **Allison Yard** - *Master's advisor & GRA supervisor (non-thesis)*
Biomedical Engineering, The Ohio State University

2014 - 2016: **Alyssa Greenwell** - *Master's advisor (non-thesis)*
Anatomy, The Ohio State University

2014 - 2016: **Julie Doll** - *Master's advisor (non-thesis)*
Anatomy, The Ohio State University

2014 - 2016: **Yeonsu Ryu** - *Master's committee member (thesis)*
Biomedical Engineering, The Ohio State University

2013 - 2015: **Jenna Butz** - *Master's committee member (thesis)*
Health and Rehabilitation Sciences, The Ohio State University

2013 - 2015: **Michelle Schafman** - *Research advisor (thesis)*
Mechanical and Aerospace Engineering, The Ohio State University

2013 - 2015: **Meghan Flannery** - *Master's advisor (thesis)*
Anatomy, The Ohio State University

2013 - 2014: **Rachel Wise** - *Master's committee member (non-thesis)*
Anatomy, The Ohio State University

2013 - 2014: **Obed Paundralingga** - *Master's advisor (non-thesis)*
Anatomy, The Ohio State University

2013 - 2014: **Leah Hunter** - *Master's advisor (non-thesis)*
Anatomy, The Ohio State University

2013 - 2014: **Rishav Aggarwal** - *Master's committee member (non-thesis)*
Anatomy, The Ohio State University

2013 - 2014: **Claudia Foulk** - *Master's committee member (non-thesis)*
Anatomy, The Ohio State University

2013: **Erica Villa** - *Master's advisor (non-thesis)*
Anatomy, The Ohio State University

2012 - 2014: **Sarah Caupp** - *Master's committee member (thesis)*
Anatomy, The Ohio State University

2012 - 2014: **Mary Beth Cole** - *Master's committee member (thesis)*
Anthropology, The Ohio State University

2012 - 2013: **Jennifer Jing** - *Master's advisor (thesis)*
Anatomy, The Ohio State University

2011 - 2012: **Lyndsy Wolff** - *Master's advisor (non-thesis)*
Anatomy, The Ohio State University

UNDERGRADUATE STUDENTS (12)

AGNEW- CURRICULUM VITAE

2017 - present: **Scott Stuckey** - *Research advisor & supervisor*
Biomedical Engineering, The Ohio State University

2016 - 2018: **Katie Lane** - *Research advisor & supervisor*
Biomedical Sciences, The Ohio State University

2016 - 2018: **Akshara Sreedhar** - *Research advisor & supervisor*
Materials Science and Engineering, The Ohio State University

2015 - 2017: **Elina Misicka** - *Research advisor & supervisor*
Biomedical Sciences, The Ohio State University

2015 - 2016: **Katie Stemmer** - *Honors committee member (thesis)*
Biomedical Engineering, The Ohio State University

2014 - 2016: **Samuel Goldman** - *Research advisor*
Biomedical Engineering, The Ohio State University

2013 - 2015: **Michelle Murach** - *Research advisor*
Biomedical Engineering, The Ohio State University

2013 - 2014: **Yeonsu Ryu** - *Honors committee member (thesis)*
Biomedical Engineering, The Ohio State University

2013: **Matt Reynolds** - *Research advisor*
Biomedical Engineering, The Ohio State University

2011 - 2013: **Amie Draper** - *Honors thesis advisor (thesis)*
Biomedical Sciences, The Ohio State University

2011 - 2012: **Chris Dooley** - *Honors committee member (thesis)*
Mechanical Engineering, The Ohio State University

2009 - 2011: **Anthony Vergis** - *Research advisor & Honors committee member (thesis)*
Physics, The Ohio State University

2009 - 2010: **David Cagle** - *Honors committee member (thesis)*
Mechanical Engineering, The Ohio State University

HONORS AND AWARDS

2016: Distinguished Undergraduate Research Mentor- Nomination
Undergraduate Research Office, The Ohio State University, Columbus, OH

2014: Distinguished Undergraduate Research Mentor- Nomination
Undergraduate Research Office, The Ohio State University, Columbus, OH

SERVICE ACTIVITIES

JOURNAL REVIEWS

Frontiers in Biomechanics- Editorial Review Board & Manuscript reviewer

AGNEW- CURRICULUM VITAE

Journal of Biomechanical Engineering - *Manuscript reviewer*

Journal of Biomechanics - *Manuscript reviewer*

American Journal of Physical Anthropology - *Manuscript reviewer*

Scientific Reports (Nature) - *Manuscript reviewer*

PLoS ONE- *Manuscript reviewer*

Journal of the Mechanical Behavior of Biomedical Materials- *Manuscript Reviewer*

Traffic Injury Prevention- *Manuscript Reviewer*

Journal of Anatomy- *Manuscript Reviewer*

Journal of Morphology- *Manuscript reviewer*

Journal of Forensic Sciences- *Manuscript reviewer*

International Journal of Osteoarchaeology- *Manuscript reviewer*

International Journal of Paleopathology- *Manuscript reviewer*

IRCOBI- *Manuscript reviewer*

Micron- *Manuscript reviewer*

Journal of Orthopaedic Trauma- *Manuscript reviewer*

Clinical Case Reports- *Manuscript reviewer*

Journal of Theoretical and Applied Mechanics- *Manuscript reviewer*

Advances in Mechanical Engineering- *Manuscript reviewer*

International Journal for Numerical Method in Biomedical Engineering- *Manuscript reviewer*

UNIT/SCHOOL/COLLEGE

2018 - present: Faculty Council- *Elected HRS Representative*
College of Medicine, The Ohio State University

2018 - present: Student Services Committee- *Member*
School of Health and Rehabilitation Sciences, The Ohio State University

2018: Search Committee for Occupational Therapy Director- *Member*
School of Health and Rehabilitation Sciences, The Ohio State University

2015 - 2018: Graduate Studies Committee- *Member*
Health & Rehabilitation Graduate Program, The Ohio State University

2015: Search Committee for Occupational Therapy Director- *Member*
School of Health and Rehabilitation Sciences, The Ohio State University

AGNEW- CURRICULUM VITAE

2015 - present: Graduate Faculty- *P status*

Health and Rehabilitation Sciences Graduate Program, The Ohio State University

2014 - present: Graduate Faculty- *P status*

Anthropology Graduate Program, The Ohio State University

2014 - present: Graduate Faculty- *P status*

Biomedical Engineering Graduate Program, The Ohio State University

2013 - 2015: Graduate Studies Committee- *Chair*

Anatomy Graduate Program, The Ohio State University

2012 - 2015: Honors and Research Committee- *Member*

School of Health and Rehabilitation Sciences, The Ohio State University

2012 - 2016: Body Donor Program Advisory Committee- *Member*

Division of Anatomy, The Ohio State University

2011 - 2016: Graduate Studies Committee- *Member*

Anatomy Graduate Program, The Ohio State University

2011 - present: Graduate Faculty- *P status*

Anatomy Graduate Program, The Ohio State University

NATIONAL/INTERNATIONAL

2017 - present: Scientific Review Board- *Elected member*

International Research Council on Biomechanics of Injury (IRCOBI)

2017: National Science Foundation Grant for Research - *Ad hoc Reviewer*

Section: Archaeology

2016 - present: Board of Directors- *Elected member*

Association for the Advancement of Automotive Medicine (AAAM)

2016 - present: Center of Emphasis, Center for Injury Research and Prevention- *Invited Associate Fellow*

The Children's Hospital of Philadelphia

2015 - present: Scientific Program Committee- *Elected member*

Association for the Advancement of Automotive Medicine (AAAM)

2017-present: Educational Program Sub-Committee- *Chair*

Association for the Advancement of Automotive Medicine (AAAM)

2014: National Science Foundation Graduate Research Fellowship Program- *Panelist/Proposal Reviewer*

Section: Biomedical Engineering

2014: Army Research Lab Core Broad Agency Announcement for Basic and Applied Scientific Research- *Proposal Reviewer*

2014: Homework to Roadwork- *Invited panelist*

Transportation Research Board Annual Meeting, Washington DC

2013-2017: WIAMan Scaling working group- *Invited member*

Department of Defense, US Army Research Laboratory, Aberdeen Proving Grounds, MD

AGNEW- CURRICULUM VITAE

2013: Skeletal Biology and Forensic Anthropology: - *Invited Poster Session Chair*
American Association of Physical Anthropologists 82nd Annual Meeting, Knoxville, TN

2012 - 2015: Membership and Credentials Committee- *Elected member*
Association for the Advancement of Automotive Medicine (AAAM)

STUDENT AFFAIRS

2016, March: College of Engineering Undergraduate Research Forum- *Poster Judge*
Biomedical Engineering, The Ohio State University

2015, Sept: Association for the Advancement of Automotive Medicine Student Mentoring Event- *Invited Professional/Academic Mentor*
AAAM annual meeting, Philadelphia, PA

2015, April: Undergraduate Honors Thesis Committee Member- *HRS Research Committee Representative*

Santino Cua- School of Health and Rehabilitation Sciences, The Ohio State University
Jessica Stewart- School of Health and Rehabilitation Sciences, The Ohio State University
Evan Sommer- School of Health and Rehabilitation Sciences, The Ohio State University

2015, April: American Association of Physical Anthropologists (AAPA)- *American Association of Anatomists Anatomy student award Judge*
84th annual AAPA meeting, St. Louis, MI

2014, Sept: Association for the Advancement of Automotive Medicine Student Mentoring Event- *Invited Professional/Academic Mentor*
AAAM annual meeting, Munich, Germany

2014, April: Undergraduate Honors Thesis Committee Member- *HRS Research Committee Representative*

Tyler Siekmann- Department of Biomedical Sciences, The Ohio State University
Mark Rudolph- Department of Biomedical Sciences, The Ohio State University

2013, April: American Association of Physical Anthropologists (AAPA)- *American Association of Anatomists Anatomy student award Judge*
82nd annual AAPA meeting, Knoxville, TN

2013, April: Undergraduate Honors Thesis Committee Member- *HRS Research Committee Representative*

Chelsie O'Neill- School of Health and Rehabilitation Sciences, The Ohio State University
Nick Denton- Department of Biomedical Sciences, The Ohio State University

2013: Edward Hayes Forum for Graduate Research- *Abstract Judge*
Ohio Union, The Ohio State University

2012: Doctoral Committee Member- *Graduate Faculty Representative*
Sharon Schreiber- Department of Biomedical Engineering, The Ohio State University

2012: American Association of Anatomists (AAA), Anatomy Career Workshop- *Invited panelist*

81st annual American Association of Physical Anthropology (AAPA) meeting, Portland, OR

AGNEW- CURRICULUM VITAE

2012: A American Association of Physical Anthropologists (AAPA)- *American Association of Anatomists Anatomy student award Judge*
81st annual AAPA meeting, Portland, OR

2012: Edward Hayes Forum for Graduate Research- *Presentation Judge*
Ohio Union, The Ohio State University

2011 - present: Forensic Anthropology Case Team (FACT)- *Co-Director*
Graduate student group in the Department of Anthropology, The Ohio State University

COMMUNITY/OTHER

2011 - 2012: Hilliard City Schools Career Mentorship Program- *Mentor*
50+ hrs per quarter of mentoring activities, The Ohio State University

2010, 2011, March: Annual Science Fair- *Judge*
Fairbanks Middle School, OH

OTHER PROFESSIONAL EXPERIENCE

2008 - present: Kenyon International Emergency Services- *Team Member*
(www.kenyoninternational.com)

- Mortuary Technician and Forensic Anthropologist

2008, March-April: Giza Plateau Mapping Project (GPMP)- *Osteoarchaeologist*
Giza, Egypt (www.aeraweb.org/gpmp_home.asp)

PI: Mark Lehner- Ancient Egypt Research Associates (AERA)

- Excavated and analyzed human skeletal remains from the Giza Plateau

2006 - present: Forensic Anthropology Case Team (FACT)- *Co-Advisor, Co-Director, & Team Leader*

- Specializations in human skeletal anatomy, juvenile osteology, skeletal histomorphometry, human remains excavation
- Collaboration and consultation with police departments, coroner's offices, crime labs, and K-9 search and recovery units throughout the state of Ohio in the recovery and analysis of human skeletal remains in the medico-legal context

2005, June: Disaster Mortuary Operational Response Team (DMORT) training workshop- *Trainee*
Columbus, OH

- Training for the identification and reassembly of human remains in mass disaster events

PROFESSIONAL MEMBERSHIPS

American Society for Bone and Mineral Research (ASBMR) (2012-present)

Association for the Advancement of Automotive Medicine (AAAM) (2009-present)

- Board of Directors (2016-present)
- Scientific Program Committee (2015-present)
 - Educational Program Subcommittee Chair (2017-present)

AGNEW- CURRICULUM VITAE

- Membership and Credentials Committee (2012-2015)

Paleopathology Association (PPA) (2007-present)

American Academy of Forensic Sciences (AAFS) (2005-present)

American Association of Physical Anthropologists (AAPA) (2004-present)