

## Samantha Heidi Blatt, PhD, RPA

Department of Anthropology  
Idaho State University  
921 S. 8th Avenue  
Pocatello, ID 83209-8005  
(Graveley Hall 157 & B10)  
Email: [blatsam2@isu.edu](mailto:blatsam2@isu.edu)  
Office Phone: (208) 282-4017

### **Education**

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2013 Ph.D. Anthropology  
The Ohio State University, Columbus, OH  
Dissertation Title: *From the Mouths of Babes: Using Incremental Enamel Microstructures to Evaluate the Applicability of the Moorrees Method of Dental Formation to the Estimation of Age of Prehistoric Native American Children*

2007 M.A. Anthropology  
The Ohio State University, Columbus, OH  
Thesis Title: *Biocultural Implications of Human Dental Calculus from Two Late Prehistoric Ohio Populations*

2004 B.S. Evolutionary Anthropology, Highest Honors  
Rutgers, The State University of New Jersey, New Brunswick, NJ  
Thesis Title: *Prehistoric Cannibalism in the Cook Islands: Burning Modification of Human Skeletal Remains from Ana Manuku (MAN-84), Mangaia*

### **Research Interests**

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Bioarchaeology, Osteology, Dental Anthropology, Forensic Anthropology, Histology, Childhood, Growth and Development, Taphonomy, Stature and Body Mass, Diet, Human Variation, Age-Estimation, Paleopathology, Bioarchaeology of Care, Paleoepidemiology, Eastern Woodland and Great Basin Amerindians, NAGPRA

### **Extra-curricular Training**

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NAGPRA and Federal Historic Preservation Law, Mentoring and Advising, Community and Student Engagement, SAS, SPSS, Fordisc, Microsoft Office, Adobe Photoshop, Adobe Pro, SQL, ImageJ, Past3, OsteoWare, Grant Writing, Mobile Learning Technology, Scanning Electron and Light Microscopy, Histology, Digital Photography, Forensic Archaeology, Canine Nosework, Active Learning, Curricular Development

### **Professional Appointments**

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2018-current Assistant Professor, Department of Anthropology, Idaho State University  
2018-current Affiliate Curator, Idaho Museum of Natural history  
2018-current Affiliate Researcher, Center for Archaeology, Materials, and Applied Spectroscopy (CAMAS), Idaho State University  
2013-current Consultant, Forensic Anthropology/Bioarchaeology and NAGPRA April 1, 2019, Idaho Archaeological Survey, Idaho State Historical Preservation Society  
2017-2018 Instructor, Treasure Valley Community College, Contractor for Snake River Correctional Institute  
2013-2017 Visiting Assistant Professor, Department of Anthropology, Boise State University

Revised: 4/1/2019

- 2007-2012 Graduate Teaching Associate/Instructor of Record, Department of Anthropology, The Ohio State University
- 2012 Adjunct Instructor, Department of Sociology/Anthropology, Ohio Wesleyan University
- 2007-2009 Teaching Assistant, PAST Foundation, Forensics in the Classroom
- 2006 Intern, Department of Archaeology, Cleveland Museum of Natural History
- 2005-2008 Research Associate, Department of Anthropology, The Ohio State University
- 2003 National Science Foundation Research Experience for Undergraduates Participant (NSF-REU), Körös Regional Archaeological Project, Hungary
- 2002-2004 Research Assistant, Department of Geological Sciences, Rutgers University

### **Grants and Awards**

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- 2019 Faculty Research and Scholarly Activity Grant- “Cracking Teeth: Model-Based Approaches in Onto-Histo-Taphonomy for Forensic and Bioarchaeological Applications” (\$4829)
- 2019 Faculty Line Item Funds to develop web course for ANTH 6615: Seminar in Biological Anthropology (summer contract)
- 2018 Faculty Travel Grant, College of Arts & Letters – attend SAA, Albuquerque, NM (\$1000)
- 2015 PI for grant Dan Montgomery Research Grant awarded to Kathy Petersen for MA thesis (\$3500)
- 2015 PI for grant Dan Montgomery Research Grant awarded to Emily Moes for MA thesis (\$400)
- 2014 Student Poster Award, 2<sup>nd</sup> place, Western Bioarchaeology Group conference (\$50)
- 2013 Human Behavior and Evolution Society support for Northwest Ecological and Evolutionary Human Behavior Symposium (\$1795)
- 2013 Wenner-Gren Foundation for Anthropological Research, Engaged Anthropology Grant (\$4100) *Toward a Collaborative Indigenous Bioarchaeology: Engaging Communities in the Relevance, Shared Knowledge, and Interpretation of Prehistoric North America*  
<http://www.wennergren.org/grantees/blatt-samantha-heidi>
- 2013 HBES Conference Support Award for NWHEEB2 Symposium at Boise State University (\$1661)
- 2013 Histology micrograph selected for Buehler Microstructure 2014 Calendar (\$200)  
<https://news.boisestate.edu/update/2013/09/03/samantha-blatt/>
- 2012 Preparing Future Faculty Fellow (\$300)
- 2011 Wenner-Gren Foundation for Anthropological Research, Dissertation Fieldwork Grant, Gr. 8390 (\$17,243) <http://www.wennergren.org/grantees/blatt-samantha-heidi-0>
- 2011 Edward J. Ray Travel Award for Scholarship and Service, Council of Graduate Students, The Ohio State University (\$750)
- 2011 Larsen Research and Travel Grant, Department of Anthropology, The Ohio State University (\$1000)
- 2010 Alumni Grant for Graduate Research and Scholarship, The Ohio State University (\$2000)
- 2009 Grant-In-Aid-of-Research, Sigma Xi, The Ohio State University Chapter (\$500)
- 2008 Edward F. Hayes Graduate Research Forum, The Ohio State University- 3<sup>rd</sup> place poster (\$75)
- 2006 Archaeology Institute of America Intern, Department of Archaeology, Cleveland Museum of Natural History, Danbury site excavations, OH (fees, room and board, + \$2400 stipend)
- 2003 National Science Foundation, REU-Sites Grant, Körös Regional Archaeological Project, Vesztó site excavations, Hungary (travel, fees, room and board, + \$1800 stipend)  
Bigel Endowment, Department of Anthropology, Rutgers University (\$500)

Revised: 4/1/2019

- 2003 Henry Rutgers Research Grant, Rutgers College, Rutgers, The State University of New Jersey (\$750)
- 2003 Rutgers College Travel Grant, Rutgers College, Rutgers, The State University of New Jersey (\$350)

### **Teaching Experience**

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2018-current **Assistant Professor, Department of Anthropology, Idaho State University**

- ANTH 2230- Introduction to Biological Anthropology (Undergraduate/ Obj. 5)
- ANTH 2230L- Introduction to Biological Anthropology Lab (Undergraduate/ Obj. 5)
- ANTH 2238- Ancient Idaho and Great Basin (Undergraduate/ Obj. 9)
- ANTH 4431/5531- Anthropology Bites: Dental Anthropology (Undergraduate/Graduate)
- ANTH 4499/5599- Bioarchaeology of Violence (Undergraduate/Graduate)
- ANTH 4482- Independent Study: Burned Bone (Undergraduate)
- ANTH 4482- Independent Study: Forensic Histology (Undergraduate)
- ANTH 4499- Anthropology Bites/ Dental Anthropology (Undergraduate/Graduate)
- ANTH 6615- Graduate Biological Anthropology Seminar (Graduate)
- ANTH 2238- Anthropology of Monsters (Undergraduate Web Course)
- ANTH 1100- Discover Anthropology (Undergraduate Web Course/ Obj, 6)
- ANTH 4499/5599–Dead and Buried (Undergraduate/Graduate)

2017 **Instructor, Treasure Valley Community College, Snake River Correctional Institute**

- GED, ABE, ESL, Re-entry programs

2016-2017 **Lecturer, OSHER Institute, Boise State University**

- Bones, Stones, and Genomes: Current Insights to Human Origins
- Forensic Anthropology: As Not Seen On TV

2013-2017 **Visiting Assistant Professor, Boise State University, Department of Anthropology**

- ANTH 101- Biological Anthropology
- ANTH 101L- Biological Anthropology Laboratory
- ANTH 325- Human Variation
- ANTH 330- Osteology
- ANTH 444- Forensic Anthropology
- ANTH 401- Human Evolution and Paleoanthropology
- ANTH 479- Undergraduate Research Experience: Advanced Bioanthropology Lab Group
- ANTH 496- Independent Study/ Internship
  - STEM Promotion and Public Outreach Development

- Paleopathology
  - Osteological Curation
  - ANTH 502- Human Evolutionary History and Development (Graduate)
  - ANTH 580- Selected Topics in Anthropology- Bioarchaeology (Graduate)
  - ANTH 593- Thesis Research (Graduate)
  - ANTH 596- Paleopathology (Graduate)
  - ANTH 686- Masters Preliminary Exam (Graduate)
- 2012           **Adjunct Professor, Ohio Wesleyan University, Department of Sociology and Anthropology**
- SOAN 111- Cultural Anthropology
- 2007-2012   **Graduate Teaching Associate (Instructor of Record), The Ohio State University, Department of Anthropology**
- ANTH 200 and 2200 (with lab)- Introduction to Physical Anthropology
  - ANTH 201- World Prehistory: An Anthropological Perspective
  - ANTH 202- Peoples and Cultures: An Introduction to Cultural Anthropology
  - ANTH 597.01- Cultural Conflict in Developing Nations
  - ANTH 597.02- Women, Culture, and Development
  - ANTH 603.01- Human Osteology
  - ANTH 686- Forensic Anthropology Field School

### **Publications in Referred Journals**

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\* indicate names indicate that the co-author was a student at the time of research and publication.

- 2018   Moes, E.\* and **Blatt, S.H.** Linear enamel hypoplasia in permanent dentition of children in the Late Archaic and Late Prehistoric Ohio River Valley. *Dental Anthropology Journal* 31(2): 3-17. (submitted 6/9/18; accepted 10/4/18; published 10/25/18)
- 2017   **Blatt, S.H.** Who Cared? Applying a Bioarchaeological Model of Caregiving to a Paleo-oncology Case in Late Prehistoric West Virginia. *Pennsylvania Archaeologist* 87(1):31-46.
- 2017   **Blatt, S.H.**, Reid, K., Quad, C.\*, Moes, E.\*, Taylor, K.\*, Petersen, K.\* Boots Made for Walking: Two Late Nineteenth Century Burials from Walter's Ferry, Idaho. *Idaho Archaeologist* 40(1): 1-20.
- 2017   Watkins, J.K.\*, **Blatt, S.H.**, Bradbury, C.A., Alanko, G.A.\*, Khon, M.J., Lytle, M., Taylor, J., Lacroix, J., Nieves-Colon, M.A., Stone, A.C., Butt, D.P. Determining the population affinity of an unprovenienced human skull for repatriation. *Journal of Archaeological Science: Reports* 12: 384-394.  
(5-year Impact Factor- 2.225; CiteScore- 2.59; SNIP- 1.318; Ranking in Anthropology 10/84; Ranking in Geosciences/Multidisciplinary- 58/183)
- 2015   **Blatt, S.H.** To swaddle, or not to swaddle?: paleoepidemiology of developmental dysplasia of the hip and the swaddling dilemma among the indigenous populations of North America. *American Journal of Human Biology* 27(1): 116-128.  
(Impact Factor- 1.928; ISI Ranking in Anthropology- 11/81; ISI Ranking in Biology- 25/83)
- 2015   Nolan, K.C., Sciulli, P.W., **Blatt, S.H.**, Thompson, C.K. A Late Woodland Red Ochre burial cache from Madison County, Ohio. *North American Archaeologist* 36(3): 197-236.

- 2013 Robbins-Schug, G., Gupta, S., Cowgill, P., Sciulli, P., and **Blatt, S.H.** Panel regression formulas for stature and body mass estimation in immature human skeletons. *Journal of Archaeological Science*, 40(7): 3076-3086.  
(5-Year Impact Factor - 2.406; CiteScore- 2.59; SNIP- 1.318; Ranking in Anthropology 10/84)
- 2011 **Blatt, S.H.**, Redmond, B.G., Cassman, V. and Sciulli, P.W. Dirty teeth and ancient trade: evidence of cotton fibers in human dental calculus from Late Woodland, Ohio. *International Journal of Osteoarchaeology* 21(6): 669-678.  
(Impact Factor- 1.085; ISI Ranking in Anthropology- 29/83)
- 2010 Robbins, G., Sciulli, P.W., **Blatt, S.H.** Estimating body mass in subadult human skeletons. *American Journal of Physical Anthropology* 143:146-150.  
(Impact Factor- 2.402; ISI Ranking in Anthropology- 8/84; Evolutionary Biology- 26/46)
- 2009 Sciulli, P.W., **Blatt, S.H.**, Tatarek, N.E. Analysis of skeletal remains from the Old Town (33HS02) site, a Late Archaic cemetery in Harrison County, Ohio. *Pennsylvania Archaeologist* 79(2): 33-41.
- 2008 Sciulli, P.W. and **Blatt, S.H.** Evaluation of juvenile stature and body mass prediction. *American Journal of Physical Anthropology* 136:378-393.  
(Impact Factor- 2.402; ISI Ranking in Anthropology- 8/84; Evolutionary Biology- 26/46)
- 2004 Ashley, G.M., Matima Mworira, J., Muasya, A.M., Owen, R.B., Driese, S.G., Hover, V.C., Renaut, R.W., Goman, M.F., Mathai, S., and **Blatt, S.H.** Sedimentation and evolution of a freshwater wetland in a semi-arid environment, Lobo Swamp, Kenya, East Africa. *Sedimentology* 51(6):1301-1321.  
(Impact Factor- 2.611; ISI Ranking in Geology- 6/47)

#### **Publications in Edited Volumes**

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- 2012 da Gloria, P, **Blatt, SH**, and Kyle-McIlvaine, B. 2012. "Laboratory Exercise 10: Evolution of Bipedalism," In Stewart MC, Sadvari JW, editors. Anthropology 2200: Introduction to physical anthropology Laboratory course packet. Columbus, OH: McGraw-Hill.
- 2012 **Blatt, SH**, da Gloria, P, and Kyle-McIlvaine, B. 2012. "Laboratory Exercise 11: Introducing the Proto- and Early Hominids," In Stewart MC, Sadvari JW, editors. Anthropology 2200: Introduction to physical anthropology Laboratory course packet. Columbus, OH: McGraw-Hill.
- 2012 Kyle-McIlvaine, B, **Blatt, SH**, and da Gloria, P. 2012. "Laboratory Exercise 12: The Genus *Homo*," In Stewart MC, Sadvari JW, editors. Anthropology 2200: Introduction to physical anthropology Laboratory course packet. Columbus, OH: McGraw-Hill.

#### **Work Under Consideration or In Preparation**

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- In Review **Blatt, S.H.**, Petersen, K.\*, and Michael, A. Age old problem of old age: can degeneration of the sternal end of the clavicle estimate age of mature adults in an African American sample? *Forensic Anthropology*.
- In Prep. **Blatt, S.H.**, Michael, A.R. Sella turcica bridging: a case of identification. To be submitted to *Journal of Forensic and Legal Medicine*.
- In Prep. **Blatt, S.H.**, Miller, S., and Reid, K. Analysis of a Roman Warm Period burial from the Upper Snake River Plain, Idaho. *Journal of California and Great Basin Prehistory*.
- In Prep. **Blatt, S.H.** Crown formation times and developmental sequences in archaeological children from Ohio. To be submitted to the *American Journal of Physical Anthropology*.

In Prep. **Blatt, S.H.** From the mouths of babes: Is the Moorrees method applicable to prehistoric Native American children? To be submitted to *American Journal of Physical Anthropology*.

### **Abstracts, Posters, and Presentations at Conferences**

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- 2019 **Blatt, S.H.**, Michael, A., Dudgeon, J., Rakowski, R.\*, and Peterson, K\*. Altered states: evaluating postmortem modification in dental tissues. Society of American Archaeology, Albuquerque, NM.
- 2019 Putnam, S.\*, **Blatt, S.H.**, Dudgeon, J., and Michael, A. Two heads are better than one: Multi-component forensic analysis of curated shrunken heads. Graduate Research Symposium, Idaho State University.
- 2019 Rakowski, R.\*, Peterson, K.\*, McKenna, M.\*, **Blatt, S.H.**, Michael, A., and Dudgeon, J. Metal isotope movement in human dental tissue. Graduate Research Symposium, Idaho State University.
- 2018 **Blatt, S.H.** and Bradbury, Cynthia. Tear Down the Walls: Approaches to Outreach and Service Learning in Bioanthropology. Idaho State University Service Learning Forum, Pocatello, ID.
- 2018 Petersen, K.\* and **Blatt, S.H.** Age old problem of age estimation: population variation in degenerative aging of mature adults. Western Bioarchaeology Group, Chico, CA.
- 2018 **Blatt, S.H.**, Getz, S.M., Michael, A.R., Peterson, C., Dawson, H.\*, Putnam, S.\*, and Effingham, J\*. Got bone?: Forensic anthropology case work, research, and service and Idaho State University. Northwestern Association of Forensic Scientists, Boise, ID.
- 2017 Moes, E.\* and **Blatt, S.H.** A Lesson in Stress?: A comparison of linear enamel hypoplasias in children from the prehistoric Ohio Valley. American Association of Physical Anthropologists.
- 2016 **Blatt, S.H.**, Reid, K.C., Quade, C.\*, Moes, E.\*, Petersen, K.\*, and Taylor, K\*. Boots Made for Walking: Revisiting Two Late 19th Century Burials in Walters Ferry, Idaho. Idaho Archaeological Society Conference, Boise, ID.
- 2016 **Blatt, S.H.**, Moes, E.\*, and Petersen, K\*. Heavy-handed: Can handedness be detected from bilateral degeneration of the medial end of the clavicle? American Association of Physical Anthropologists. *American Journal of Physical Anthropology* 159 (S62).
- 2016 Bradbury, C., **Blatt, S.H.**, and Yu, P. Classroom optional: Service learning and community engagement in anthropology. American Association of Physical Anthropologists. *American Journal of Physical Anthropology* 159 (S62).
- 2015 Watkins, J.\*, Alanko, G.A.\*, **Blatt, S.H.**, Bradbury, C.A., Kohn, M.J., Lytle, M., Lacrois, D., Taylor, J., Dudgeon, J., Hazard, R.E., O'Leary-Lepsen, E., Butt, D. P. A transdisciplinary approach to determining the provenience of a distorted, Pre-Columbian skull recovered in rural Idaho. College of Engineering Poster Presentations, Paper 5.
- 2015 **Blatt, S.H.** From the mouths of babes: is Moorrees the method appropriate for age estimation of Prehistoric Native American Children. *American Journal of Physical Anthropology*: 88.
- 2014 Kidd, M.\*, Rogers, A.\*, Inglerhirt, N.\*, Jumonville, B.\*, and **Blatt, S.H.** In from the cold: Western Bioarchaeology Group. Las Vegas, NV.  
-2<sup>nd</sup> place for Student Poster Award
- 2013 Kidd, M.\*, Rogers, A.\*, Inglerhirt, N., Jumonville, B., and **Blatt, S.H.** In from the cold: A case study of human remains demonstrating the importance of context. Undergraduate Research Forum, Boise State University.

- 2013 **Blatt, S.H.** The Right Method in the Right Context: Is the Application of a European-Derived Dental Formation Reference Appropriate for Age Estimation of Prehistoric Native American Children? Western Bioarchaeology Group. Berkeley, CA.
- 2013 **Blatt, S.H.** An unusual case of a solitary osteochondroma on the mandibular symphysis. Submitted to *American Journal of Physical Anthropology* (S56):83.
- 2012 **Blatt, S.H.** Epidemiology of developmental dysplasia of the hip in Amerindians: Cases from the Late Prehistoric Buffalo Site, West Virginia. *American Journal of Physical Anthropology*. 147 (S54):101.
- 2011 **Blatt, S.H.** and Casado, A.M. 2011. Let's talk about sex: principal components analysis of sexually dimorphic traits in the human pelvis. *American Journal of Physical Anthropology* 141 (S52):91-92.
- 2010 **Blatt, S.H.** and Sciulli, P.W. 2010. Deformed or not deformed, that is the question: quantifying artificial cranial deformation. *American Journal of Physical Anthropology* 141 (S50):69.
- 2009 G.J. Jakubowska and **Blatt, S.H.** 2009. Growth and estimated skeletal height of Mochica juveniles, Peru (A.D. 900- 1750). *American Journal of Physical Anthropology* 138 (S48): 157.
- 2008 **Blatt, S.H.** 2008. Biocultural implications from scanning electron microscopy of prehistoric human dental calculus, *American Journal of Physical Anthropology* 135 (S46):70. Columbus, Oh.
- 2008 **Blatt, S.H.** 2008. Biocultural implications from scanning electron microscopy of prehistoric human dental calculus. Edward F. Hayes Graduate Research Forum, The Ohio State University.
- 2006 **Blatt, S.H.** 2006. Internship report: excavations at the Danbury Site (33OT16), Ohio: a bioarchaeological perspective. Archaeological Institute of America, Cleveland Archaeological Society, CMNH. (Presentation).
- 2004 **Blatt, S.H.** 2004. Functional hypotheses of eastern European copper age enclosures, Vèsztő -20, Hungary. Society for American Archaeology Annual Meetings, Montréal, CA.
- 2003 Ashley, G.M., Matima Mworira, J., Muasya, A.M., Owen, R.B., Driese, S.G., Hover, V.C., Renaut, R.W., Goman, M.F., Mathai, S., and **Blatt, S.H.** 2003. Hydrology, biology, and sedimentology of a freshwater wetland in a semi-arid environment, Loboï Swamp, Kenya. XVI INQUA Congress, Reno, Nevada, The Geological Society of America.

#### **Technical Reports (Forensic and Archaeological)**

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- 2018 **Blatt, S.H.** & Michael, A.R. ISU18-013. Consultancy on photographs with Pocatello PD.  
**Blatt, S.H.** & Michael, A.R. ISU18-011. Search & excavation with Pocatello PD.  
**Blatt, S.H.** & Petersen, C. ISU18-009. Search & excavation, Great Falls, MT PD & FBI ERT.
- 2017-current NAGPRA reports, Western Idaho Archaeological Survey (human remains collection), SHPO, Boise, ID.
- 2017 **Blatt, S.H.** Mountain Home, ID. Human Remains Report. SHPO, ID.
- 2017 **Blatt, S.H.** 17000444. Human Remains Report. Elmore County Sheriff, Mountain Home, ID.
- 2017 **Blatt, S.H.** DeMoss, ID (human skeletal remains)
- 2016 **Blatt, S.H.**, Moes, Emily, Petersen, Kathy, Taylor, Katie. Walters Ferry (F101608), Canyon County, ID (historic human remains). SHPO, ID.
- 2016 **Blatt, S.H.** F100516. Human Remains Report. Ada County Sheriff, ID.
- 2015 **Blatt, S.H.** N15-45468. Nampa PD and Ada County Coroner, ID (human infant remains)
- 2015 **Blatt, S.H.** F82615. Caldwell PD, ID (faunal remains)
- 2015 **Blatt, S.H.** 10MO85: Rexberg Man. SHPO, ID.

- 2015 **Blatt, S.H.** C14-19707: Human Remains Report. Canyon County Sherriff, ID.  
2014 **Blatt, S.H.** F101015. Ada County, ID. (faunal remains)  
2014 **Blatt, S.H.** C14-19707. Canyon County Sheriff, ID. (human remains-archaeological)  
2014 **Blatt, S.H.** F112413: Red Skull. SHPO, ID. (human remains- archaeological)  
2014 **Blatt, S.H.** 10IH82: Human Remains Report. SHPO, ID.  
2012 **Blatt, S.H.** and Kidd, M. F120611a and F120611b: “Blue Suitcase Man”. ID (human remains- archaeological)  
2008 Sciulli P.W and **Blatt, S.H.** The Danbury Site 2007: Human Skeletal Remains Inventory. CMNH.  
2007 Sciulli, P.W. and **Blatt, S.H.** The Danbury Site 2006: Human Skeletal Remains Inventory. CMNH.  
2007 Sciulli, P.W. and **Blatt, S.H.** Lakeview Heights Human Skeletal Remains.  
2006 **Blatt, S.H.** The Danbury site 2006: Internship Report. AIA, CMNH, Nov. 2006.  
2006 **Blatt, S.H.** Late Prehistoric Mortuary Practices at the Norma Grantham Site, Ohio. CMNH.  
2004 **Blatt, S.H.** Baffling Palisades: Functions of Eastern European Calcolithic Enclosures. Koros Regional Archaeological Project, Veszto, Hungary.

### **Forensic Search, Recovery, Analysis**

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- 2018-current Search and recovery with several eastern Idaho law enforcement agencies (local, country, state, and federal) in 5 counties  
2017 Elmore County Sheriff, Mountain Home, ID- Human remains  
2016 Ada County Sheriff, ID- Human remains  
2015 Nampa PD and Ada County Coroner, ID- Human infant remains  
2015 Caldwell PD, ID (faunal remains)  
2015 Canyon County Sherriff, ID- Human remains  
2014 Ada County, ID.- Faunal remains  
2014 Canyon County Sheriff, ID- Human remains-archaeological  
2011 Windsor, Ashtabula County, OH- homicide/ missing persons case, warrant excavation and survey (July 19-21) (CPD Case Number: 11186518CPD)  
2010 Westerville, Franklin County, OH- homicide/ missing persons case, warrant excavation and survey (May-November) (NCIC Number: M-946495830)  
2009 Lawrence County Sheriff, OH. Bone identification (no number- 5/15/09)  
2007 Marion County Coroner, OH (no number-9/28/07), Bone identification  
2006 Franklin County Coroner, OH (06-14120) Bone identification  
2005 Marion County Coroner, OH (no number- 12/9/05) Bone identification

### **Archaeological Field Experience**

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- 2017 Ditto Creek Site, Mountain Home, Idaho  
2016-current Crum Family Cemetery Survey, Hatchie Bottom, Mississippi  
2008- 2015 Peters site, Ohio (Late Archaic), The Ohio State University  
2008-2012 Forensic Anthropology Case Team (FACT), The Ohio State University  
2006-2008 Danbury Site (33OT16), Ohio (Late Archaic-Late Prehistoric), Cleveland Museum of Natural History  
2004-2005 Western New York Archaeological Survey, SUNY at Buffalo  
2003, 2018 Körös Regional Archaeological Project, Veszto, Hungary (Chalcolithic)  
1994 Maresha, Israel, Archaeological Institute of America

### **Laboratory and Collections Experience**

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Revised: 4/1/2019

2018-current Idaho State University Bioarchaeology & Dental Anthropology Lab, CHO, Manager  
2018-current Center for Archaeology, Materials, and Applied Spectroscopy (CAMAS), Idaho State University, Research Affiliate  
2013-current Idaho State Historic Preservation, Western Idaho Archaeological Survey/Repository  
2013-2017 Wet Lab Supervisor and PI (Chemical Hygiene Officer), Department of Anthropology, Boise State University  
2008- 2012 Laboratory Manager/Chemical Hygiene Officer, Osteology Lab of Dr. P.W. Sciulli, Dept. of Anthropology, The Ohio State University  
2012 Grave Creek Mound Archaeological Complex and Delf Norona Museum, Moundsville, WV  
2009 SunWatch Indian Village and Archaeological Park and Boonshoft Museum, Dayton, OH  
2011 Campus Microscopy and Imaging Facility, The Ohio State University  
2010 SHC Dental Cast Collection, The Ohio State University  
2010, 2015 Hamann-Todd Human Skeletal Collection, Cleveland Museum of Natural History  
2005-2008 Research Assistant, Osteology Lab of Dr. P.W. Sciulli, Dept. of Anthropology, Ohio State University  
2006 Microscopy and Chemical Analysis Research Center, Dept. of Geology, The Ohio State University  
2006 Intern, Department of Archaeology, Cleveland Museum of Natural History  
2004 Zooarchaeology Lab of Dr. R.B. Blumenschein, Dept. of Anthropology, Rutgers University  
2004 Osteology Lab of Dr. S.C. Anton, Dept. of Anthropology, New York University  
2002-2003 Research Assistant, Quaternary Studies Lab of Dr. G.M. Ashley, Dept. of Geological Sciences, Rutgers University

### **Community Outreach and Civic Engagement**

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2019 Celebrate Idaho State University- coordinated hands-on, public demonstration- “Archaeology Under the Microscope”  
2018 International Archaeology Family Fun Day, Idaho Museum of Natural History (educational activities and demonstrations for children and general public)  
2018 Clandestine burial search and excavation of pig remains (for Idaho State Police), Idaho State University  
2017-current Red Ribbon Alert Project, Information Dissemination Ambassador  
2015-2017 STEM Day (Anthropology teaching demonstrations for the general public), Boise State University  
2015 Senior Project Mentor, Nyssa High School, Oregon (Selene Ortega)  
2014-2015 E-girls Workshop (for 7th-11th grade girls interested in science), Boise State University  
2013-2014 “Zombies, Vampires, and Werewolves: Anthropology of the Undead,” presented to the Anthropology Club, Boise State University  
2013 Forensic Archaeology Training Workshop (for law enforcement), Boise State University  
2013 Wenner-Gren Foundation for Anthropological Research, Engaged Anthropology Grant, *Toward a Collaborative Indigenous Bioarchaeology: Engaging Communities in the Relevance, Shared Knowledge, and Interpretation of Prehistoric North America*  
2013 Organizing committee, Idaho Archaeology and Historic Preservation Month (for May, 2014)

Revised: 4/1/2019

- 2013 Invited speaker, Science Café, Discovery Center of Idaho  
2008-2011 Ohio Archaeology Month- COSI museum display and public demonstration  
2008, 2011 “Girls Explore...Archaeology!” workshop coordinator and speaker  
2009 Volunteer, Museum of Classical Archaeology, Department of History, The Ohio State University.  
2007-2009 PAST Foundation “Forensics in the Classroom”  
2006 Invited lecturer for the American Institute of Archaeology, Cleveland Chapter

### **Media Coverage**

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- 2017 Mountain Home human remains, KIVITV News, Associated Press (Keith Ridler), WBGA News (<https://www.seattletimes.com/nation-world/idaho-bones-found-in-badger-hole-are-remains-of-2-children/>)  
2015 Tuck, K. Mining Data from the Mouths of Babes. Boise State News. (<https://focus.boisestate.edu/article/mining-data-from-the-mouths-of-babes/>)  
2013 Chan, K. *Anthropomotron 1.5*. Mobile application for iOS, Android, or web browser which gathers and simplifies calculations to estimate the stature and body mass of an individual based on input of measurements. ([www.keithcchan.com/anthropomotron/](http://www.keithcchan.com/anthropomotron/)).  
2012 Meyers, K. Bone Don't Lie: The Unknown Benefits of Dental Plaque. (<http://bonesdontlie.wordpress.com/2012/01/11/the-unknown-benefits-of-dental-plaque/>).  
2010 Lepper, BT. Archaeology: Materials Dispute Woodland Decline. *The Columbus Dispatch* (Sunday Science Section, October 24, 2010, p. G10). (<http://www.dispatch.com/content/stories/science/2010/10/24/materials-dispute-woodland-decline.html>).  
2007 Ohlson, K. A Picture of Ancient Life and Death. *American Archaeology: A quarterly publication of the Archaeological Conservancy*, Winter, 11 (4): 28-33.

### **Department, College, University Service**

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- 2019 Early Registration, College of Arts and Letters- aid new incoming students with registering for classes for their first semester  
2019 Judge for oral presentations and posters at the Graduate Research Symposium, Idaho State University  
2019 Department Co-sponsor, invited talk to Superintendent Wallace Keck- “City of Rocks: Its People, History, and Geology-A Connection to Our Idaho Heritage.”  
2019-current Undergraduate Handbook Subcommittee, Department of Anthropology  
2018-current Curriculum Committee, Department of Anthropology  
2018-current Student Anthropological Society, Idaho State University, Faculty Adviser  
2018-current Liberal Arts High, College of Arts & Letters, Idaho State University
- Century High School
    - Tales of a Bio archaeologist (2= 60 student)
  - Rigby High School Career Day
    - Careers in Archaeology (4= 75 students)
  - Pocatello High School
    - Forensic Odontology (1= 24 students)
    - Biological Anthropology Laboratory Tour (1= 30 students)
- 2018-current American Indian Studies Hiring Committee, Member

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- 2018 ISU Experience- tour, demonstration, and lecture to recruit local high school seniors  
2018 International Archaeology Day, Family Fun Day, Idaho Museum of Natural History
- Developed and supervised family-oriented hands-on activities (“Bow, Throw, and Blow,” “Skull Puzzles,” “Artifact Matching,”) to education the public about archaeology and promote archaeology as science
- 2018 Undergraduate Curriculum Catalog Change Proposal & General Education Requirements Change (GERC) proposal
- Add lab component to ANTH 2230: Introduction to Biological Anthropology, modify pre- and co-requisites for biological anthropology courses, implement course as Core 5 (physical sciences) requirement
- 2018-current Social Media Administrator, Childhood Bioarchaeology, @childhoodanth, <https://www.facebook.com/childhoodanth/>
- 2014-2017 Undergraduate and Graduate Advisor for biological anthropology, Boise State University
- 2013-2017 Field and Lab Consultant, Ada County Coroner’s Office, Boise, Idaho (cases throughout Idaho and western Montana)
- 2013-2017 Consultant, State Historic Preservation Office, Idaho State Historical Society
- 2013-2014 Organizing Committee, Northwest Evolution, Ecology, and Human Behavior Symposium (NWEHBB), Boise State University
- 2013-2017 Consultant, Center for Applied Archaeological Science (CAAS), Department of Anthropology, Boise State University
- 2013-2017 Wet Lab Supervisor and PI (Chemical Hygiene Officer), Department of Anthropology, Boise State University
- 2013-2014 Graduate Committee for qualifying exams
- 2010-2012 Founder and Chair, Undergraduate Anthropology Mentorship Program, The Ohio State University
- 2011-2012 Undergraduate Anthropology Club Representative, Graduate Student Anthropology Association (GSAA), The Ohio State University
- 2010-2011 Judge and volunteer, Richard J. and Martha D. Denman Undergraduate Research Forum, The Ohio State University
- 2008-2012 Forensic Anthropology Cold Case Team (FACCT), The Ohio State University
- 2008 Volunteer, American Association of Physical Anthropologists Annual Meeting, Columbus, Ohio

### **Professional Development Training/ Certification**

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- 2018-current Laboratory Safety Certifications  
ISU EHS, Radiation, CITI Training (Hazard Communication, Biosafety/ Biohazards, Conflicts of Interest, OSHA Bloodborne Pathogens)
- 2018 QPR (Question, Persuade, Refer) Suicide Prevention Gatekeeper certification, Idaho State University
- 2018 ODOC, NEO, BCC, First Aid and CPR Training
- 2017 CASAS eTests Online Proctor Certification
- 2017 CASAS Appraisal Training Certification
- 2017 CASAS Implementation Training Certification

2017	Oregon DOC Education and Security Training
In progress	TESOL/TEFL Certification
2016	Mobile Learning Scholars 1.0: Exploring Teaching and Learning in a Mobile Environment, IDEA Shop, Boise State University
2016	Mobile Learning Institute Scholar, IDEA Shop, Boise State University
2013-2017	Center for Teaching and Learning, Professional Development Workshops, Boise State University
	<ul style="list-style-type: none"><li>• Identifying and Preventing Plagiarism</li><li>• Efficiently engage and poll students in class, track student understanding, address misconceptions, encourage attendance</li><li>• Evidence-based instructional practices (EBIPs), scholarly teaching, and the scholarship of teaching and learning (SoTL)</li><li>• Introduction to the process of “flipping” the classroom providing tips, techniques, tools, and strategies</li><li>• New Faculty Orientation</li></ul>
2013-2017	Certified Training in EHS Laboratory and Research Safety and SOP, Office of Environmental Health and Safety, Boise State University
2011-2012	Preparing Future Faculty, Fellow
2012	Certified Training in Veterans On Campus: Issues and Services, University Center for the Advancement of Teaching and Counseling and Consultation Services, The Ohio State University
2011	Certified Training in EHS Laboratory and Research Safety and SOP, Office of Environmental Health and Safety, The Ohio State University
2010	Certified Training in Identifying and Assisting At-Risk Students, University Center for the Advancement of Teaching and Counseling and Consultation Services, The Ohio State University

### **Mentoring and Thesis Advising**

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2018-current	Undergraduate Major advisor (10)
2018- current	MA thesis advisor, Idaho State University
	<ul style="list-style-type: none"><li>• Shanda Putnam- Analyses of shrunken heads</li><li>• Hannah Dawson- Ancestry methods comparison of Ada County Coroner remains</li><li>• Wilson Simmons- Dental histology</li><li>• Hannalore Willumson- Gender in bioarchaeology</li><li>• Jaimie Goings- Avian taphonomy in Idaho</li></ul>
2018-current	TRIO McNair Scholars, Idaho State University
	<ul style="list-style-type: none"><li>• Brittany Slane- Geomorphometrics of prehistoric canids</li></ul>
2018-current	Career Path Internship (CPI), Idaho State University
	<ul style="list-style-type: none"><li>• Jake Shields- Human rib histology, histological bone analysis of opioid impact</li></ul>

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- Hannalore Willumson- Dental cast cataloging, 3D scanning, database design and maintenance
- 2017 MA thesis committee member, Kaitlyn Mainsfield, “Spangle Lakes: An Investigation of Late Archaic Human Land-use within the Sawtooth Mountains,” Boise State University
- 2016 MA thesis advisor/chair, Emily Moes, “Reading between the Lines: Indicators of Developmental Stress in Prehistoric Ohio Valley Children from Linear Enamel Hypoplasias,” Boise State University
- Submitted for Dahlberg Prize, Dental Anthropology Association (2018)
  - Student is currently a PhD student at UNM (under Heather Edgar)
- 2016 MA thesis advisor/ chair for Kathy Petersen, “Revisiting the Age Old Problem of Old Age: Estimating Age of Mature Adults from the Sternal End of the Clavicle,” Boise State University
- 2016 MA thesis committee member, Mallory Schreier, “The Impact of *Mycobacterium leprae*: A Comprehensive Meta-Analysis of the Paleopathological Literature,” Boise State University
- 2015 MA thesis committee member, Shawn Roberts, “Reassessing the use of Kelly’s Mobility Index in Examining Late Archaic Assemblage Variability in Southern Idaho,” Boise State University
- 2014-2017 Undergraduate advisor (6 students on bioanthropology track), Boise State University
- 2010-2012 Founder and Chair, Undergraduate Anthropology Mentorship Program, The Ohio State University

### **Referee for Manuscript Review**

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- 2018-present Forensic Anthropology
- 2018-present Scientific Reports
- 2018-present Open Educational Resources, Biological Anthropology Text
- 2017-present Journal of International Medical Research
- 2010-present International Journal of Osteoarchaeology
- 2007-present Journal of Archaeological Science
- 2007-present Wadsworth Cengage Learning

### **Professional Affiliations**

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- 2018-present Society for American Archaeology  
Forensic Archaeology Recovery Roster
- 2018-present Dental Anthropology Association
- 2017-present The Register of Professional Archaeologists
- 2013-present Society for Study of Childhood in the Past, North American Liaison
- 2008-present Sigma Xi (National and OSU Chapter)
- 2008-present Paleopathology Association
- 2005-present American Association of Physical Anthropologists
- 2011-present International Association for Paleodontology

### **References**

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Daniel H. Temple, Associate Professor  
Department of Sociology and Anthropology

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George Mason University  
437B Robinson Hall B  
4400 University Drive, 3G5  
Fairfax, VA 22030  
Tel: (703) 993-3447  
Email: [dtemple3@gmu.edu](mailto:dtemple3@gmu.edu)  
Affiliation: Colleague

Paul W. Sciulli, Ph.D., Professor Emeritus  
Department of Anthropology  
The Ohio State University  
4020 Smith Laboratory  
174 West 19th Avenue  
Columbus, OH 43210  
Tel: (614) 292-1984  
Email: [sciulli.1@osu.edu](mailto:sciulli.1@osu.edu)  
Affiliation: Advisor, committee chair, co-author

Kenneth C. Reid, Idaho State Archaeologist (Retired)  
Archaeological Survey of Idaho Western Repository  
Idaho State Historical Preservation Office  
210 Main Street  
Boise, Idaho 83702-9702.  
Tel: (208) 488-0710  
Email: [ken.reid@live.com](mailto:ken.reid@live.com)  
Affiliation: Co-author and SHPO contract

Clark S. Larsen, Ph.D., Distinguished Professor  
Department of Anthropology  
The Ohio State University  
4034 Smith Laboratory  
174 W. 18th Ave.  
Columbus, OH 43210  
Tel: (614) 292-4149  
Email: [larsen.53@osu.edu](mailto:larsen.53@osu.edu)  
Affiliation: Committee member

Debbie Guatelli-Steinberg  
Department of Anthropology  
The Ohio State University  
4006 Smith Laboratory  
174 W. 18th Ave.  
Columbus, OH 43210  
Tel: (614) 292-9768  
Email: [guatelli-Steinbe.1@osu.edu](mailto:guatelli-Steinbe.1@osu.edu)  
Affiliation: Committee member

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