

KRISTA ERIN LATHAM

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Biology & Anthropology Departments
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EDUCATION & CERTIFICATION

- 2008 **Ph.D. in ANTHROPOLOGY**, Temple University, Philadelphia, PA. Concentration in Biological Anthropology.
- 2007 **M.A in ANTHROPOLOGY**, Temple University, Philadelphia, PA. Concentration in Biological Anthropology.
- 2003 **M.S. in HUMAN BIOLOGY**, University of Indianapolis. Concentration in Forensic Anthropology.
- 2000 to 2001 Graduate study in Biological Anthropology, University of New Mexico, Albuquerque. Completed 5 courses in Human Genetics, Modern Human Origins, Population Genetics, Archaeology of Death, and Forensic Science Lecture Series. (Full-time).
- 2000 **B.S. in BIOLOGY**, University of North Texas, Denton. Minor in Chemistry. Graduated Cum Laude with Honors.
- 1994 L.D. Bell High School, Hurst, Texas. Graduated with honors.

CURRENT EMPLOYMENT

- 2008 to present **Assistant Professor of Biology and Anthropology (tenure-track)**, University of Indianapolis. Teach graduate and undergraduate courses in:
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| Advanced Skeletal Analysis (BIOL 564) | Evolutionary Biology (BIOL 280) |
| Monkeys, Apes and Humans (ANTH 130) | Clinical Microbiology (BIOL 209) |
| Human Anatomy (BIOL 103) | Molecular Anthropology (BIOL 562) |
| Senior Research Project (BIOL 490) | Thesis Proposal (BIOL 589) |
| Thesis in Biology (BIOL 590) | Research in Biology (BIOL 585) |
| Content Project in Biology (EDU 631) | Human Genetics (BIOL 528) |
| Advanced Skeletal Analysis in Trauma (BIOL 564) | |
| Forensic and Historic DNA Analysis (BIOL 435/BIOL 535) | |
| Human Heredity and Disease (ANTH 580/ANTH 430) | |
| Human Biological Variation (BIOL 210/ANTH 205) | |
| Advanced Human Biological Variation (BIOL 550) | |
| Readings in Forensic Anthropology (BIOL 564) | |

- 2011 to present **Director of Molecular Anthropology** for the University of Indianapolis Molecular Anthropology Laboratory. Duties include: conducting research focusing on population genetics and optimization of skeletal DNA extraction, supervising student research projects, consulting on human genetic variation and statistical interpretation of population genetics data for state and federal agencies around the country, consulting on issues of human genetic identification for medical examiners, coroners, police and state agencies throughout the country, author of submitted technical reports, and testimony or deposition as an expert witness in Federal courts.
- 2009 to present **Research Associate** for the University of Indianapolis Archeology & Forensics Laboratory. Duties include: the excavation and analysis of skeletal remains from forensic and archeological contexts, supervising student research projects, consulting on human remains cases for medical examiners, coroners, police and state agencies throughout the country, author or co-author of submitted technical reports, and testimony or deposition as an expert witness in State and Federal courts.

RESEARCH INTERESTS & AREAS OF PROFESSIONAL EXPERTISE

1. **Human Genetic Variation:** involves the investigation and understanding of human genetic variation within and between human populations.
2. **Human Identification:** involves the positive identification of unidentified human remains.
3. **Forensic Osteology:** involves the reconstruction and analysis of human skeletal remains from recent medicolegal cases to reconstruct the decedent's living characteristics (sex, ancestry, age at death, stature, identifying features) and identify circumstances of death.
4. **Forensic Archeology:** involves the controlled excavation, recovery and mapping of human remains and associated evidence from burial or surface contexts.

SELECTED PUBLICATIONS

- 2013 **Latham KE** and Madonna ME (2013) DNA survivability in skeletal remains. In: Manual of Forensic Taphonomy, edited by J. T. Pokines & S. A. Symes. CRC Press: Boca Raton, FL. Pp: 403-425.
- 2013 Mundorff AZ, Kiley S, **Latham KE**, Haak W and Gilson T. (2013) Individualizing Unidentified Skeletal Remains: A Differential Diagnosis Combining Pathological Changes and Biomolecular Testing. Journal of Forensic Identification. 63(6): 617-632.
- 2013 **Latham KE**. Review of: Forensic Ecology Handbook from Crime Scene to Court. Journal of Forensic Sciences. 58(5): 1407.
- 2012 **Latham KE**, Crescimanno A, Madaj E, Nawrocki SP, Goldman S and Bush G (2012) A pilot study assessing PCR amplified epithelial cells deposited on drinking vessels with and without the application of ChapStick ® to the lips. Journal of Forensic Identification. 62(4): 389-400.
- 2012 **Latham KE** (2012) Review of: Forensic Anthropology 2000 to 2010. Journal of Forensic Sciences. 57(3): 852.

- 2010 **Latham KE** and Finnegan M, editors (2010) *Age Estimation of the Human Skeleton*. Springfield: CC Thomas.
- 2007 Scheinfeldt L, Friedlaender F, Friedlaender J, **Latham K**, Koki G, Karafet T, Hammer M, and Lorenz J (2007) Y Chromosome Variation in Northern Island Melanesia. In: Friedlaender JS, editor. *Genes, Language, and Culture History in the Southwest Pacific*. New York: Oxford University Press. Pp. 81-95.
- 2006 Scheinfeldt L, Friedlaender F, Friedlaender J, **Latham K**, Koki G, Karafet T, Hammer M, and Lorenz J (2006) Unexpected NRY Chromosome variation in Northern Island Melanesia. *Molecular Biology and Evolution*. 23(8): 1628-1641.

SELECTED PROFESSIONAL EXPERIENCE

- 2013 to present **Advisory Member** of the “BioEthics” committee for *SWGANTH (Scientific Working Group in Forensic Anthropology)*.
- 2012 to Present **Review Board, Member** of the Research Collective on Migrant Death. A group of researchers from various backgrounds who have produced scholarship related to the issues of migrant death using the data available at the Pima County Office of the Medical Examiner.
- 2011 to present **Co-Creator, Program Coordinator and Moderator** at the 1st annual Forests, Lakes and Fields Forensic Anthropologists Meeting, Higgins Lake, MI.
- 2004 to present **Program Coordinator and Moderator** for the annual Mountain, Desert & Coastal Forensic Anthropologists meeting.
- 2013 Attended the *IMERT (Indiana mortuary emergency response team) Organizational Meeting*, Brownsburg, IN (March 23).
- 2011 Attended the workshop *Firearms Evidence at Anthropological Crime Scenes*, University of Indianapolis Archeology & Forensics Laboratory, Indianapolis, IN (Oct 25).
- 2011 Attended the workshop *PMI Problems – Syracuse University Dialogues in Forensic Science*, Syracuse, NY (Aug 12-14).
- 2011 Attended the workshop *Advances in Forensic Anthropology*, Raleigh, NC (Aug 1-3).
- 2011 Attended the workshop *Field Challenges: Mass Disaster Recovery/Mass Grave Excavation – Syracuse University Dialogues in Forensic Science*, Syracuse, NY (June 16-19).
- 2011 Attended the workshop *Trauma II – Syracuse University Dialogues in Forensic Science*, Syracuse, NY (June 14-16).
- 2010 Attended the workshop *Trauma I – Syracuse University Dialogues in Forensic Science*, Syracuse, NY (Nov. 4-7).
- 2010 Attended the workshop *DNA: Why Molecular ID Matters – Syracuse University Dialogues in Forensic Science*, Syracuse, NY (Aug.5-8).

- 2010 Attended the *NamUs – National Missing and Unidentified Persons System – National Training Academy*, Saint Louis University School of Medicine, St. Louis, MO (July 19-21).
- 2010 Attended the workshop *Death Scene Investigation: A Forensic Entomology Field Training Workshop*, Saint Joseph’s College, Rensselaer, IN (June 2-3).
- 2009 to 2010 **Advisory Member** of the “Age Estimation” committee for *SWGANTH (Scientific Working Group in Forensic Anthropology)*.
- 2009 Attended the workshop *Firearms Evidence at Anthropological Crime Scenes*, University of Indianapolis Archeology & Forensics Laboratory, Indianapolis, IN (Oct 31).
- 2007 Attended the workshop *Evaluation & Analysis of Historic Cemeteries*, University of Indianapolis, Indianapolis, IN (May 23).

PROFESSIONAL MEMBERSHIPS

- 2012 to present Society for American Archeology. Member.
- 2011 to present American Association of Anthropological Genetics. Member.
- 2010 to present American Society of Human Genetics. Member.
- 2009 to present Indiana Academy of Science. Member.
- 2004 to present American Association of Physical Anthropologists. Member.
- 2002 to present International Association for Identification. Member.
- 2000 to present American Academy of Forensic Sciences. Member.

ADDITIONAL TEACHING EXPERIENCE (UNIVERSITY)

- 2007 to 2008 **Adjunct Instructor**, University of Indianapolis (Indianapolis, IN). Teach courses in the biology and anthropology departments.
- 2004 to 2006 **Adjunct Instructor**, Temple University (Philadelphia, PA). Teach courses in the anthropology department.
- 2002 to 2003 **Adjunct Instructor**, University of Indianapolis (Indianapolis, IN). Teach courses in the biology department.

ADDITIONAL TEACHING EXPERIENCE (LAW ENFORCEMENT – Last 10 years)

- 2013 **Instructor** at the workshop *The Recovery and Identification of Human Skeletal remains* at the 35th Annual Southwestern Association of Forensic Scientists, Inc. Conference, Sante Fe, NM (Oct 29).

- 2013 **Instructor** at the seminar *An Overview of Forensic Anthropology* at the Indiana Law Enforcement Academy, Plainfield IN, as part of the Indiana State Police's Integrated Law Enforcement Crime Scene Training Program (June 13).
- 2012 **Instructor** at the seminar *An Overview of Forensic Anthropology* at the Indiana Law Enforcement Academy, Plainfield IN, as part of the Indiana State Police's Integrated Law Enforcement Crime Scene Training Program (April 27).
- 2011 **Instructor** at the *Illinois Homicide Investigators Association*, Oak Brook, IL (Oct 11).
- 2011 **Instructor** at the *Illinois Valley Prevention Commission Training Course*, Ottawa, IL (March 8).
- 2010 **Instructor** at the seminar *An Overview of Forensic Anthropology* at the Indiana Law Enforcement Academy, Plainfield IN, as part of the Indiana State Police's Integrated Law Enforcement Crime Scene Training Program (Sept 17).
- 2010 **Instructor** for the *Forensic Archaeology Workshop*, University of Indianapolis, Indianapolis, IN (May 5-7).
- 2009 **Instructor** at the seminar *An Overview of Forensic Anthropology* at the Indiana Law Enforcement Academy, Plainfield IN, as part of the Indiana State Police's Integrated Law Enforcement Crime Scene Training Program (March 6).
- 2008 **Instructor**, for the 1-day seminar *An Overview of Forensic Anthropology*, held as part of the Indiana State Police's Integrated Law Enforcement Crime Scene Training Program, University of Indianapolis Archeology & Forensics Laboratory, Indianapolis, IN (June 24).
- 2005 **Instructor**, for the 2nd *Annual Post-Bomb Blast Recovery Short Course: Documentation and Recovery of Human and Physical Evidence at the Terrorism Crime Scene*, Mercyhurst College, Erie, PA (July 18-22).
- 2005 **Instructor**, for the 2nd *Annual Traumatized Bone Short Course: Analysis of Bone Trauma and Pseudo-Trauma in Suspected Violent Deaths*, Mercyhurst College, Erie, PA (June 20-24).
- 2005 **Instructor**, for the 5th *Annual Forensic Anthropology Short Course in Human Identification: Laboratory Methods in the Identification of Human Skeletal Remains*, Mercyhurst College, Erie, PA (June 13-18).
- 2005 **Instructor**, for the 14th *Annual Death-Scene Archaeology Short Course: Field Methods in the Location, Recovery, and Interpretation of Human Remains from Outdoor Contexts*, Mercyhurst College, Erie, PA (June 6-11).
- 2004 **Instructor**, for the 2004 *York Regional Police Anthropological Short Course (Anthropology and Policing)*, Stouffville, Ontario, Canada (Aug. 9-13).
- 2004 **Instructor**, for the 4th *Annual Death-Scene Archaeology Short Course II: Advanced Outdoor Crime Scene Recovery Methods*, Mercyhurst College, Erie, PA (June 14-July 2).
- 2003 **Instructor**, for the 2003 *York Regional Police Anthropological Short Course (Anthropology and Policing)*, Stouffville, Ontario, Canada (Aug. 11-15).

2003 **Instructor**, for the 12th Annual Death-Scene Archaeology Short Course I: *Field Methods in the Location, Recovery, and Interpretation of Human Remains from Outdoor Contexts*, Mercyhurst College, Erie, PA (June 2-7).

SELECTED PROFESSIONAL LECTURES

- 2013 **Invited Speaker** on *Beyond Borders: Forensic Science & the Journey Home* for the Franklin Rotary Club, Franklin, IN (Oct 22).
- 2013 **Invited Speaker** on *Humanitarian Recovery on the U.S.-Mexican Border* for the American Association of University Women, Indianapolis, IN (Oct 15).
- 2013 **Invited Speaker** (5th Annual Provost's Lecture) on *Beyond Borders: Forensic Science & the Journey Home* at the University of Indianapolis, Indianapolis, IN (Oct 1).
- 2013 **Invited Speaker** on *Tres años de investigación sobre la colección Cementerio General de la Universidad de Chile* at the Universidad de Chile, Santiago, Chile (July 19).
- 2013 **Invited Speaker** on *Applications of DNA Analysis to Criminal Investigations* for the Indianapolis Medical Society Retired Doctors, Indianapolis, IN (June 12).
- 2013 **Invited Speaker** on *Forensic DNA: how DNA evidence is currently used in medicine and law* at the Sciencetech Club, Indianapolis, IN (April 15).
- 2012 **Invited Speaker** on *Molecular Taphonomy: The Expanding Role of the Forensic Anthropologist in the Human Identification Process*, 9th annual Chico Forensic Conference, California State University at Chico (Nov 4)
- 2012 **Invited Speaker** on *Twisted: A Closer Look at Forensic DNA Analysis*, 9th annual Chico Forensic Conference, California State University at Chico (Nov 3)
- 2012 **Invited Lecture** on *Estimacion de Estatura en Poblacion Chile (Stature Estimation in the Chilean Population)* at the Servicio Medico Legal de Chile, Santiago, Chile (July 24)
- 2012 **Invited Lecture** on *La ciencia forense en la Universidad de Indianápolis (Forensic science at the University of Indianapolis)* at the Universidad de Chile, Santiago, Chile (July 26)
- 2012 **Invited Lecture** on *Twisted: A Closer Look at Forensic DNA Analysis*, Indiana Medical History Museum, Indianapolis, IN (April 18)
- 2011 **Invited panelist and speaker** at the workshop *Beyond the NAS Report – Syracuse University Dialogues in Forensic Anthropology*, New York, NY (Oct 14–16).
- 2011 **Invited Lecture** on *Forensic Anthropology and Death Investigations* for the Illinois Coroners and Medical Examiners Association, Mt. Vernon, IL (Feb 10).
- 2010 **Invited Lecture** on *Forensic Anthropology* for the Illinois Coroners and Medical Examiners Association, Chicago, IL (Nov 23).

- 2010 **Invited Lecture** on *An Overview of Forensic DNA Evidence*, at the 1-day advanced seminar “Forensic Anthropology and Forensic Botany” presented to crime scene investigators at the INDOT Conference Center, Indianapolis IN (Nov 12).
- 2010 **Invited Lecture** on *An Introduction to Forensic Anthropology*, Illinois State Police training course, Joliet, IL (Oct. 19).
- 2010 **Invited Lecture** on *An Introduction to Forensic Anthropology*, for IL coroners & their staff (Livingston, Will, Tazewell, Grundy, DeWitt, McLean, Champaign, Vermilion, LaSalle, Iroquois, Ford, Kankakee and Whiteside counties), Pontiac, IL (Oct 23).
- 2010 **Invited Lecture** on *Two Cases of Positive Identification by Spinal Radiography*, Indiana State Coroners Annual Conference, Indianapolis, IN (June 11).

SELECTED PRESENTATIONS AT SCIENTIFIC MEETINGS (Last 10 years)

- 2013 **K. Latham**, *Molecular Taphonomy*, paper presented at the 3rd annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Sept 29).
- 2013 M. Earll, C. Cale, J. Bare, J. Harris, **K. Latham** & G. Bush, *FRAMED: An Example of Secondary Transfer DNA*, paper presented at the 3rd annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Sept 29).
- 2013 E. Christensen, J. Maiers & **K. Latham**, *Taking a Shot: Obtaining Touch DNA from Fired Bullet Casings*, paper presented at the 3rd annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Sept 29).
- 2013 **K. Latham**, *UBC Deaths in South Texas*, paper presented at the 3rd annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Sept 28).
- 2013 J. Campbell, E. Christensen, J. Maiers, R. Strand & **K. Latham**, *UBC Deaths in South Texas: Excavations, Processing and Analysis*, paper presented at the 3rd annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Sept 28).
- 2013 J Maiers & **KE Latham**, *The analysis of multiple gunshot wounds*, paper presented at the 33rd annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Boulder City, NV. (May 29).
- 2013 M Madonna & **KE Latham**, *Pig Roast: Testing the applicability of baking bones to increase skeletal DNA yield*, paper presented at the 33rd annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Boulder City, NV. (May 29).
- 2013 **KE Latham** L Baker & MK Spradley, *UBC Deaths in South Texas Part I*, paper presented at the 33rd annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Boulder City, NV. (May 30).
- 2013 J Campbell, E Christensen, J Maiers, R Strand & **KE Latham**, *UBC Deaths in South Texas Part II*, paper presented at the 33rd annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Boulder City, NV. (May 30).

- 2013 **KE Latham** & SP Nawrocki, *Forensic Archeology: identifying important skill sets for the controlled recovery of human remains in outdoor contexts*, paper presented at the 78th annual Society for American Archaeology meeting as part of an invited symposium, Honolulu, HI (April 5).
- 2013 SP Nawrocki & **KE Latham**, *Modeling core and peripheral processes in human decomposition: a conceptual framework*, paper presented at the 65th annual American Academy of Forensic Sciences meeting as part of an invited symposium, Washington, DC. (Feb. 22).
- 2012 M Madonna, M Earll & **KE Latham**, *Field Goals: How Big is your Scene?*, paper presented at the 2nd annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Sept 28).
- 2012 **KE Latham**, *A recent case study from the University of Indianapolis Archeology & Forensics Laboratory*, paper presented at the 2nd annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Sept 28).
- 2012 J Suarez, E Christensen & **KE Latham**, *An Interesting Case Study from Southern Indiana*, paper presented at the 2nd annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Sept 28).
- 2012 **KE Latham** & S Nawrocki, *A Recent Case Study at the University of Indianapolis Archeology and Forensics Laboratory*, paper presented at the 32nd annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Boulder City, NV. (May 23).
- 2012 KW Stickney, DD Sachs, JS Lee & **KE Latham**, *An interdisciplinary approach to project based learning (PBL) in a STEM content and methods class*, paper presented at the 2012 National Science Teachers Association National Conference on Science Education. Indianapolis, IN (March 29).
- 2012 EM DeVisser, **KE Latham** & M Intriago Lieva, *The contribution of forensic anthropology to national identity in Chile*, paper presented at the 81st annual American Association of Physical Anthropologists meeting, Portland, OR. (April 12).
- 2012 **KE Latham** & LE Baker, *Forensic anthropology and the art of DNA sampling*, paper presented at the 64th annual American Academy of Forensic Sciences meeting. Atlanta, GA. (Feb. 24).
- 2012 S Nawrocki & **KE Latham**, *Redefining the scope of forensic anthropology: embracing archeology would help to guide the development of best practice for field recoveries of human remains*, paper presented at the 64th annual American Academy of Forensic Sciences meeting. Atlanta, GA. (Feb. 23).
- 2012 J. Byram, M Reid, **KE Latham**, C Cale & G Bush, *Who's on your shoes? Investigating DNA profiles from new and worn shoes*, paper presented at the 64th annual American Academy of Forensic Sciences meeting. Atlanta, GA. (Feb. 22).
- 2012 C. Vogelsberg, NH Williamson, S Percival, A Wesseler, **KE Latham**, C Cale & G Bush, *A systematic approach to the analysis of DNA from earrings in varying conditions*, paper presented at the 64th annual American Academy of Forensic Sciences meeting. Atlanta, GA. (Feb. 22).

- 2012 **KE Latham**, E Zepp, R Jan, K Labens, C Cale & G Bush, *Quality control: how sterile are your laboratory examination gloves?* paper presented at the 64th annual American Academy of Forensic Sciences meeting. Atlanta, GA. (Feb. 22).
- 2012 ME Madonna, EM DeVisser, S Berger, H Lara, **KE Latham**, C Cale & G Bush, *How does sampling strategy and phone type influence the generation of a DNA profile collected from cell phones?* paper presented at the 64th annual American Academy of Forensic Sciences meeting. Atlanta, GA. (Feb. 22).
- 2011 **K. Latham**, *Burned: An interesting Forensic Case from the University of Indianapolis Archeology & Forensics Laboratory*, paper presented at the 1st annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Oct 29).
- 2011 M. Madonna & **K. Latham**, *The importance of context in field recoveries*, paper presented at the 1st annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Oct 29).
- 2011 **K. Latham** & S. Nawrocki, *Overview of the University of Indianapolis Graduate Program and Archeology & Forensics Laboratory*, paper presented at the 1st annual Forests, Lakes and Fields Forensic Anthropologists meeting, Lake Higgins, MI (Oct 28).
- 2011 M. Madonna & **K. Latham**, *Determining the forensic significance of a human burial using context clues*, paper presented at the 31st annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Boulder City, NV (June 2).
- 2011 **K. Latham** & M. Madonna, *Evaluating the applicability of direct polymerase chain reaction (PCR) techniques to samples from human skeletal remains*, paper presented at the 63rd annual American Academy of Forensic Sciences meeting. Chicago, IL (Feb. 24).
- 2010 AJ Koehl, MK Ritke, SP Nawrocki & **KE Latham**, *Assessing the practicality of ancient mitochondrial DNA analysis through extraction, amplification and sequencing*, paper presented at the 79th annual American Association of Physical Anthropologists meeting, Albuquerque, NM (April 14).
- 2010 G. Ferguson, C. Halling, K. Fenker & **K. Latham**, *Successful Extraction of DNA from Paper Currency*, paper presented at the 62nd annual American Academy of Forensic Sciences meeting. Seattle, WA (Feb. 24).
- 2010 A. Crescimanno, E. Madaj, K. Woodlee & **K. Latham**, *Myth Busting: Can Lip Balm Aid in DNA Transfer?*, paper presented at the 62nd annual American Academy of Forensic Sciences meeting. Seattle, WA (Feb. 25).
- 2010 T. DeWitt, M. Perry, S. Pierce, A. Koehl, A. Eriksen & **K. Latham**, *DNA Extraction and Amplification from Soft Contact Lenses*, paper presented at the 62nd annual American Academy of Forensic Sciences meeting. Seattle, WA (Feb. 26).
- 2009 A. Koehl, J. Beach, **K. Latham** & S. Nawrocki, *The Excavation and Analysis of DNA from an Historic Cemetery Population from Indianapolis, IN*, paper presented at the Midwest Bioarchaeology and Forensic Anthropology Association meeting, Indianapolis, IN (Nov. 7).

- 2009 I. Musaji, J. Rhines, A. Serrano, **K. Latham** & C. Schmidt, *Effect of Ultra Violet Light Sterilization on Recovery and Amplification of Historic DNA*, paper presented at the Midwest Bioarchaeology and Forensic Anthropology Association meeting, Indianapolis, IN (Nov. 7).
- 2009 S. Nawrocki & **K. Latham**, *Two Cases of Positive Identification by Spinal Radiography*, paper presented at the Midwest Bioarchaeology and Forensic Anthropology Association meeting, Indianapolis, IN (Nov. 7).
- 2009 A. Crescimanno, E. Madaj, K. Woodlee & **K. Latham**, *Myth Busting: Can lip balm aid in DNA transfer?*, paper presented at the Midwest Bioarchaeology and Forensic Anthropology Association meeting, Indianapolis, IN. (Nov. 7).
- 2009 R. Sharkey, J. Juarez, Tony Koehl & **K. Latham**, *Assessing the Quantity and Quality of DNA Isolated from Cadavers*, ?, paper presented at the Midwest Bioarchaeology and Forensic Anthropology Association meeting, Indianapolis, IN. (Nov. 7).
- 2009 **K. Latham** & S. Nawrocki, *Relocation of the Wright-Whitesell-Gentry Cemetery in Indianapolis, IN*, paper presented at the 29th annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Boulder City, NV (May 27).
- 2009 A. Koehl, J. Beach, **K. Latham** & S. Nawrocki, *The excavation and analysis of an historic cemetery population from Indianapolis, IN*, paper presented at the 78th annual American Association of Physical Anthropologists meeting, Chicago, IL (April 3).
- 2008 A. Koehl, **K. Latham** & S. Nawrocki, *Employing Mitochondrial DNA for the Assessment of Biological Relationships Between Undocumented Individuals from the Wright-Whitesell-Gentry Cemetery*, paper presented at the 44th annual Midwest Archaeological Conference, Milwaukee, WI (Oct. 18)
- 2008 A. Koehl, S. Nawrocki & **K. Latham**, *The Validation of Presumptive Identities at the Wright-Whitesell-Gentry Cemetery through the Development of Biological profiles*, paper presented at the 44th annual Midwest Archaeological Conference, Milwaukee, WI (Oct. 18)
- 2008 **K. Latham**, C. Zambrano & L. Freas, *Difficulties in Determining Sex From the Skull: Considering Conflicting Lines of Evidence*, paper presented at the 60th annual American Academy of Forensic Sciences meeting. Washington, DC (Feb. 22).
- 2007 **K. Latham** & S. Kiley, *The verification of TB in human skeletal remains using molecular techniques*, paper presented at the 27th annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Lake Mead, NV (May 31).
- 2007 **K. Latham**, D. James, J. Lorenz, F. Friedlaender & J. Friedlaender, *A comparison of mitochondrial DNA and Y chromosome DNA variation on Manus Island*, paper presented at the 76th annual American Association of Physical Anthropologists meeting, Philadelphia, PA (March 31).
- 2007 **K. Latham**, L. Cabo-Perez, J. Beach & D. Dirkmaat, *Sources of Error in Genetic and Osteological Sex Determination: Lessons from Anthropology*, paper presented at the 59th annual American Academy of Forensic Sciences meeting, San Antonio, TX (Feb. 22).

- 2006 **K. Latham**, *An Introduction to New Research in Skeletal Age Estimation*, paper presented at the 26th annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Lake Mead, NV. (May 24).
- 2006 **K. Latham**, J. Friedlaender, F. Friedlaender, M. Hammer, T. Karafet, G. Koki & J. Lorenz, *Distributions of newly defined Y-chromosome haplogroups K6 and K7 in Island Melanesia*, paper presented at the 75th annual American Association of Physical Anthropologists meeting, Anchorage, AK (March 10).
- 2005 **K. Latham**, J. Beach, & L. Cabo-Perez, *Genetic Versus Morphological Sex: What If They Don't Match*, paper presented at the 25th annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Lake Mead, NV (June 1).
- 2005 **K. Latham**, M. Ritke, & S. Nawrocki, *The Relationship Between Bone Condition and DNA Yield*, paper presented at the 74th annual American Association of Physical Anthropologists meeting, Milwaukee, WI (April 9).
- 2004 **K. Latham**, *Can Bone Condition Predict DNA Yield?*, paper presented at the 20th annual conference of the Northeast Forensic Anthropology Association, Ithaca, NY (Nov. 6).
- 2004 **K. Latham**, *The Use of Macroscopic Indicators of Bone Condition in Predicting DNA Yield*, paper presented at the 24th annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Lake Mead, NV (May 26).
- 2004 **K. Latham**, J. Harms, C. Zambrano, M. Ritke & S. Nawrocki, *The Ability to Amplify Skeletal DNA After Heat Exposure due to Maceration*, paper presented at the 56th annual American Academy of Forensic Sciences meeting. Dallas, TX (Feb. 19).
- 2004 E. Kontanis, **K. Latham** & M. Ritke, *Empirical Validation and Amplification of the Quality-Control Polymerase Chain Reaction (qcPCR) Inhibition Detection System*, paper presented at the 56th annual American Academy of Forensic Sciences meeting, Dallas, TX (Feb. 20).
- 2003 **K. Latham**, C. Zambrano & M. Ritke, *The Effect of Heat Associated Maceration on DNA Preservation in Skeletal Remains*, paper presented at the 10th annual Midwest Bioarcheology & Forensic Anthropology Association meeting, Chicago, IL (Oct. 11).
- 2003 **K. Latham**, C. Zambrano, M. Ritke & J. Harms, *The Effect of Maceration on the Ability to Amplify Skeletal DNA*, paper presented at the 23rd annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Lake Mead, NV (May 28).
- 2003 E. Smith, **K. Latham** & S. Nawrocki, *A Taphonomic Investigation of an Embalmed 19th Century Juvenile*, paper presented at the 23rd annual Mountain, Desert & Coastal Forensic Anthropologists meeting, Lake Mead, NV (May 28).
- 2003 **K. Latham**, C. Zambrano & M. Ritke, *The Effect of Heat Associated Maceration on DNA Preservation in Skeletal Remains*, paper presented at the 55th annual American Academy of Forensic Sciences meeting, Chicago, IL (Feb. 20).

2003

K. Latham, *Using Amplification of Bacteriophage Lambda DNA to detect PCR Inhibitors in Skeletal DNA*, paper presented at the 55th annual American Academy of Forensic Sciences meeting, Chicago, IL (Feb. 21).