KATHERINE M. TAYLOR, Ph.D.
Curriculum Vitae
September 1, 2010

Work Address:
King County Medical Examiner's Office
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EMPLOYMENT

December 1, 2004 – Present	Forensic Anthropologist: King County Medical Examiner's Office, Seattle Washington
August 1996 –November 2004	Medical Investigator with a specialty in Forensic Anthropology: King County Medical Examiner's Office, Seattle Washington.

EDUCATION

May 2000	Doctor of Philosophy in Anthropology with a minor in Ecology and Evolutionary Biology. University of Arizona. Tucson, Arizona
May 1992	Master of Arts in Anthropology, Certificate in Forensic Anthropology. University of Arizona. Tucson, Arizona.
May 1988	Bachelor of Science in Honors Anthropology/Zoology. University of Michigan. Ann Arbor, Michigan.

FORENSIC ANTHROPOLOGY WORK EXPERIENCE

December 2004 – Present	Forensic Anthropologist: King County Medical Examiner's Office. Duties include scene response to all skeletal remains and buried body cases, skeletal analysis including biological profile, determination of postmortem interval, identification, skeletal trauma analysis, and expert witness testimony. Cases are also handled for counties contracting with King County for anthropological services. To date, cases have been handled for 28 of the 39 Washington State counties, the state of Alaska, two counties in Idaho, and two counties in Nevada. Annual caseload averages 80-100 cases.
August 1996-December 2004	Forensic Anthropology Specialist: King County Medical Examiner's Office. Involvement in skeletal recovery, anthropological examination and trauma analysis for King County and contracting counties in the state of Washington.
January 1996-November 2004	Private Consultant: Physical and Forensic Anthropology. Provide forensic anthropological services to counties in the state of Washington. Provide skeletal analysis and N.A.G.P.R.A. inventory services to the National Park Service and Washington State Parks.
Fall 1993- Spring 1996	Graduate Research/Teaching Associate. Assistant to Dr. Walter Birkby in the operation of the Human Identification Laboratory and in the teaching of Human Osteology.

August 1989 - August 1996	Graduate Assistant: Human Identification Laboratory, Arizona State Museum, under the direction of Walter H. Birkby, Ph.D.

FORENSIC ANTHROPOLOGY PROFESSIONAL ACTIVITIES

Court testimony provided in eight counties in Washington, one county in Idaho, one county in Nevada, and Federal court (Idaho).

Participation in numerous Mass Fatality table tops and functional drills representing the King County Medical Examiner's Office

Participation in five day FEMA class, "Mitigation and Recovery after Disaster", Emmetsburg, Maryland August 2005.

Member of the Washington State Attorney General's Task Force on Missing and Unidentified Persons. July 2003-2004.

Featured in a law enforcement training video on the proper handling of missing persons cases produced by the Seattle Police Department for state-wide distribution.

Co-organizer of the Evidence Recovery Working Group: A group organized to provide no-cost training for law enforcement and forensic professionals. Co-sponsored by the King County Medical Examiner's Office and the Federal Bureau of Investigation. 2000-2001

Numerous training lectures/seminars provided to supporting agencies including King County Search and Rescue, Washington Association of Coroner's and Medical Examiners, Northwest Search Dogs, Seattle King County Dental Society, and local law enforcement agencies.

<u>Papers</u>

1996	"Pubic Symphysis Takes A Ribbing II." A presentation of research in collaboration with Dr. Laura Fulginiti regarding differences in inter-observer and intra-observer error between two popular techniques for aging human skeletal remains. Presented February 23rd at the 48th Annual Meeting of the American Academy of Forensic Sciences. Nashville, Tennessee.
1996	"The Future of Forensic Anthropology." A participant in a panel discussion regarding the future of Forensic Anthropology. Presented at the 48th Annual Meeting of the American Academy of Forensic Sciences. Nashville, Tennessee.
1995	"Pubic Symphysis Takes A Ribbing." A presentation of 5 case reports illustrating a discrepancy between two techniques for determining age at death from skeletal material. Presented February 17, 1995 at the 47th Annual Meeting of the American Academy of Forensic Sciences. Seattle Washington.
1992	"Estimation of Stature from Vertebral Body Height." Masters research presented February 21, 1992 at he 44th Annual Meeting of the American Academy of Forensic Sciences. New Orleans, Louisiana.

<u>Lectures, Seminars and Trainings (selected)</u>

July 2007, 2008 Sept 2010	"Discovery and Recovery of Human Remains" Instructor for five day workshop for law enforcement sponsored by the Washington State Attorney General's Office and the King County Sheriff's Office. Ravensdale, Washington.

August 2009	"Buried Body and Outdoor Scene Processing". Workshop training for the Washington State Patrol Crime Scene Response Team. Ravensdale, Washington.
April, September, October 2010 January, April, September 2009 March 2008	"Forensic Anthropology and Homicide Investigations" and "Determination of Human versus Nonhuman Skeletal Remains". Lectures presented to the Basic Homicide Investigations Class sponsored by the Washington State Attorney General's Office.
September 2009	"Principles of Forensic Anthropology" Seminar presented at the annual meeting of the International Association of Woman Police. Seattle, Washington.
June 2009	"Planning for a Mass Fatality Event". One day seminar presented as part of the Regional Mass Fatality Workshop. Spokane, Washington.
April 2009	"Forensic Anthropology". Lecture presented at the annual meeting of the Washington State Association of Prosecuting Attorneys.
October 2008	"Determination of Forensic versus Archaeological Skeletal Remains" Presented as part of the Washington Association of Coroner's and Medical Examiner's training conference. Spokane, Washington.
April, May 2008	"Outdoor Scenes: Body Recovery and Evidence Collection". Presented as part of the King County Search and Rescue Academy Training. Seattle, Washington.
June 2007	"Missing and Unidentified Persons Conference" Co-organizer and speaker for conference sponsored by the Washington Association of Coroner's and Medical Examiners. Chelan, Washington.
August 2007	"Processing Buried Body Scenes". Instructor for 2 day training for the Kootenai County Search and Rescue co-presented with the King County Sheriff's Office. Coeur D' Alene, Idaho.
October 2007	"Determination of Human versus Nonhuman Skeletal Remains". A three hour workshop presented at the Violent Crimes Investigation Conference sponsored by the King County Sheriff's Office. Burien, Washington.
October 2006	"Identifying the Unidentified". Speaker for two day conference on missing and unidentified persons sponsored by the Washington Association of Coroner's and Medical Examiners.
August 2006	"Processing Outdoor Crime Scenes". Instructor for 2 day training for the Kootenai County Search and Rescue co-presented with the King County Sheriff's Office. Coeur D' Alene, Idaho.
May 2006	"Processing Outdoor Crime Scenes". Instructor for 2 day training for Flathead County Search and Rescue co-presented with the King County Sheriff's Office. Missoula, Montana.
November 2005	Speaker at the Northwest Forensic Scientists annual meeting. Delivered a four hour workshop on determination of human vs. nonhuman skeletal material and outdoor scene and evidence recovery.
May 2007 2006, 2005, 2004	Instructor for the Washington State Search and Rescue conference. Lectures included determination of postmortem interval and determination of human versus nonhuman bone

August 2006, August 2005, April 2004, August 2003	Instructor for a three-day Buried Body School presented by the Lane County Sheriff's Office, Eugene Oregon.
October 2004	Speaker for the 2nd Annual Violent Crime Investigation Conference sponsored by the King County Sheriff's Office and Washington State Patrol Crime Lab. Title of the lecture: Identification of gunshot wounds to bone.
September 2004	Three hour lecture on outdoor scene and evidence collection presented to the annual training of the Washington and Oregon Lawman's Association.
August 2004	Conducted a two day buried body recovery school for the Washington State Patrol Crime Scene Response Team.
June 2004	Three hour lecture and instruction on outdoor and buried body recovery presented to the Seattle Police Crime Scene Response Team.
. October 2003	Speaker and panelist for the Violent Crime Investigation Conference sponsored by the King County Sheriff's Office and Washington State Patrol Crime Lab. Title of the lecture: Missing Persons and Unidentified Bodies.
May 2003	Instructor for a six hour seminar on skeletal identification and recovery sponsored by the Washington Association of Coroners and Medical Examiners
April/May 2001	Presented four 3-hour presentations on basic death investigation as training for the Kent Police Department patrol and detective divisions.
December 2000	"Forensic Anthropology" Invited speaker at the Freemont County Sudden Death Seminar. Riverton Wyoming.
May 2000	Guest lecturer for the University of Washington Extension Program's Forensic Certification Class. Topics covered included "Forensic Anthropology and Human Identification" and "Outdoor Crime Scenes and Evidence Collection".
February 2000	Speaker for the Career Spotlight: Forensic Anthropology, a one-hour presentation to the Emerging Forensic Scientists at the 51st Annual Meeting of the American Academy of Forensic Sciences. Reno Nevada.
August 1999	"Outdoor Scene Processing and Body Recovery". A one-hour lecture presented as part of a 3-day course for first responders to Medico-legal death scenes. The course was sponsored by the Snohomish County Medical Examiner's Office.
June 1998	"Putting the Pieces Together". A 1.5 hour presentation with Dr. Kathy Raven for the Washington Association of Coroners and Medical Examiners. The lecture discussed the advantages of utilizing both a forensic pathologist and forensic anthropologist in cases of extensive skeletal trauma. The presentation included case examples of trauma reconstruction.
March 1998, April 1998	"The Search and Recovery of Human Remains". A 4 hour presentation for law enforcement officers for the National Park Service. The lecture was part of a one week, yearly training session held at Fort Murray, Tacoma WA. Content included locating human remains, procedures for evidence collection and body recovery, and methods of analysis and identification. The lecture was presented to two separate sessions.

Community Lectures and Seminars (selected)

October 2008	"Looking Through Time: How Modern Methods are Shedding New Light on Old Bones" presented as part of the Lucy Talks lecture series sponsored by the Burke Museum and Pacific Science Center.
April 2006	"Forensic Anthropology" presented at the annual conference of the American Society of Clinical Laboratory Specialists. Edmonds, Washington.
January 2006, 2005	Participant speaker on a University of Washington panel on Careers in Forensics.
March 2004	Lecture on Forensic Anthropology presented to the Seattle Society of Clinical Laboratory Science.
Fall 2003	Featured as a "community leader" in the Seattle Times Bon/Macy sponsored Follow a Leader writing contest for students in grades 1-12.
April 2002	"The Role of the Medical Examiner in the Community". A presentation to the Seattle Lyon's Club. Seattle, Washington.
March 2002	"What Bones Say". A presentation to the Daughters of the American Revolution. Bellevue, Washington.
November 1998	Career speaker at a 1 day *Expanding Your Horizons* conference held at South Puget Sound Community College. The presentation included three one-hour lectures on forensic anthropology to female junior high students. The conference is designed to interest junior high girls in careers in math and science.
July 1998	A one-hour discussion on Forensic Anthropology presented to the *Sisters in Crime;* a group of professional mystery writers.
June 1998	"The Job of the Forensic Anthropologist". A keynote address delivered to the yearly meeting of the *Institute for the Academic Advancement of Youth (IAYY)* sponsored by John Hopkins University. The conference was held at the University of Washington and attendees included gifted young students and their parents.
May 1998	"Forensic Anthropology". A 1 hour lecture given to the *Eastside Genealogical Society.* Particular emphasis was afforded the methods used to determine skeletal ancestry and racial affinity.

Additional community lectures include guest lectures given between 1998 and the present to Forensic Sciences classes at Green River Community College, Everett Community College, Crown College of Criminal Justice, and Central Washington University.

Publications

July 2002	Kuehn CM, Taylor KM, Mann FA, Wilson AJ, Harruff RC. "Validation of Chest X-ray Comparisons for Unknown Decedent Identification". *Journal of Forensic Sciences*, 2002 July, 47(4): 725-9.
May 2000	Taylor, KM. "The Effects of Alcohol and Drug Abuse on the Sternal End of the Fourth Rib". Dissertation. University of Arizona.

December 1999	Fulginiti, L.C., Czuzak, M.H., and Taylor, K.M. "Scatter versus Impact During Aircraft Crashes: Implications for Forensic Anthropologists. In Broken Bone: Anthropological Analysis of Blunt Force Trauma. Alison Galloway (ed), Charles C. Thomas Publisher.
November 1999	Weiler, Carrie M., and Taylor, Katherine M. "Forensic Anthropology". In Forensic Medicine Sourcebook. Annemarie S. Muth (ed). Detroit: Omnigraphics, pp. 179-189.
July 1999	Kathy Taylor. Book Note Review of the Cambridge Encyclopedia of Human Paleopathology by Arthur C. Auferhede and Conrado Rodriquez-Martin, including a dental chapter by Odin Langsjoen. In *American Antiquity*, Volume 64: Number 3.
January 1995	Jason, Donald R., and Kathy Taylor. "Estimation of Stature From the Length of the Cervical, Thoracic and Lumbar Segments of the Spine in American Whites and Blacks." *Journal of Forensic Sciences*, Vol. 40, No. 1, pp. 59-62.

PHYSICAL ANTHROPOLOGY WORK EXPERIENCE

Fall 2003	Human Osteologist: Analysis of Steamboat Burial recovered by the Bureau of Reclamation, Richland, WA.
Spring 2001	Human Osteologist: Analysis of N.A.G.P.R.A. holdings for the Washington State Park Service, Olympia WA.
February 1992- August 1992	Human Osteologist Analysis of archaeological material from the Presidio Cemetery in Tucson, Arizona for the Center for Desert Archaeology. An inventory by feature was provided as well as a determination of age, sex and race when possible. A final report was generated in the Spring of 1993.

TEACHING EXPERIENCE

Department of Biology: Everett Community College

Fall 2005	Instructor: Introduction to Anatomy and Physiology. A five credit lecture/laboratory class.

Seattle University: Department of Criminal Justice

Fall 2005, Fall 2006, Spring 2008, Spring 2010	Instructor, Crime Scene and Death Investigation. A one-quarter class team taught with Detective Brian Stampfl, Seattle Police Crime Scene Investigation Team.
Spring 2004, Fall 2004	Instructor, Introduction to Forensic Anthropology. A one-quarter course taught through the Department of Criminal Justice

Department of Anthropology: Everett Community College, Everett Washington

Fall 2002	Instructor, Anthropology 202: Introduction to Cultural Anthropology. Course fulfills the college diversity requirement.
Spring 2002, Winter 2005	Instructor, Anthropology 201: Introduction to Physical Anthropology.

Department of Anthropology/ Criminal Justice: Green River Community College, Auburn, Washington

Spring 2001, 2002, 2003 2004, 2005	Instructor, Anthropology 294: Introduction to Forensic Anthropology. The class is cross-listed in criminal justice.

Department of Anthropology, University of Washington

Spring 2000/Fall 2003	Lecturer. Archaeology 469. Human Osteology. A 5 credit, laboratory oriented course open to upper level undergraduate and graduate students.

Department of Anthropology. University of Arizona.

Fall 1995	Graduate Teaching Assistant. Anthropology 101. Teaching Assistant to Dr. Mary Stiner. Responsible for the teaching of two, fifty minute discussions per week covering the topics of human origins. Graded exams and term papers.
Summer 1993	Summer Session Instructor, Anthropology 265 Responsible for all aspects of the class including the organization, lectures, exams and grading. Content included history of evolutionary thought, human genetics, and hominid evolution.
Spring 1992	Graduate Teaching Assistant. Anthropology 265 Teaching Assistant to Dr. Stephen Zegura. Responsible for the teaching of two, fifty minute discussions per week covering the topics of hominid evolution and human genetics. Assisted in the proctoring and grading of exams.
Fall 1991	Graduate Teaching Assistant. Anthropology 101 Teaching Assistant to Dr. Stephen Zegura and Dr. Michael Schiffer. Responsible for the teaching of 2, fifty minute discussions per week covering archaeological theory, evolutionary thought, and human evolution. Proctored and graded exams.

Department of Exercise and Sport Sciences. University of Arizona.

Fall 1995/Spring 1996	Graduate Teaching Associate and Course Coordinator: Human Anatomy and Physiology (EXSS 201/202) Responsible for teaching approximately half of the lectures to a class of 427. Also responsible for coordinating the course, supervising the nine Teaching Assistants, generating the course syllabus and laboratory schedule, writing half the exams and determining final grades.
Fall 1992- Spring 1995	Graduate Teaching Associate. Human Anatomy and Physiology Laboratory. Responsible for the teaching of two three hour lab sessions per week involving lecturing, dissections, cadaver demonstrations, and the grading of quizzes and exams. Also responsible for the set up and preparation of laboratory materials and supplies for all laboratory sections.
Summer 1994, 1995	Lecturer for Human Anatomy and Physiology (EXSS 201 and202). Responsible for lecturing, writing and proctoring exams, organizing and prepping labs, and supervising the laboratory T.A.s. Enrollment was approximately 80 for each summer session.

Fall 1993, 1994	Laboratory Coordinator. Human Anatomy and Physiology. Responsible for organizing laboratory activities, providing instruction and supervision of the teaching assistants, and assuring the smooth running of all laboratory sections.
Summer 1993	Graduate Teaching Assistant. Human Anatomy and Physiology Laboratory. Responsible for the teaching of two lab sessions and all laboratory preparation first summer session. Responsible for laboratory preparation only second summer session.

Department of Ecology and Evolutionary Biology. University of Arizona.

Spring 1991- Spring 1992	Graduate Teaching Assistant. Human Anatomy and Physiology Laboratory. Responsible for the teaching of a total of 5 laboratory sections.
Summer 1991, 1992	Graduate Teaching Assistant. Human Anatomy and Physiology Laboratory. Responsible for teaching a total of 7 laboratory sections and the preparation of all laboratory activities.

Department of Biology. Pima Community College. Tucson, Arizona.

Fall 1993, Spring 1994 Spring 1995	Adjunct Faculty . Biology 156: Human Biology. Responsible for all aspects of the 4 credit class including the organization, lectures, exams and grading. Content includes basic chemistry, cell structure, genetics, histology, and the human immune system.
Spring 1994, Summer 1994 Spring 1995, Summer 1995 Fall 1995, Spring 1996	Adjunct Faculty. Biology 201: Human Anatomy and Physiology Responsible for the organization , lecturing exams and grading for the 4 credit class.
Fall 1994, Fall 1995, Spring 1996	Adjunct Faculty: Biology 202: Human Anatomy and Physiology. Responsible for all aspects of the class. Material is equivalent to EXSS 202 at the University of Arizona.

OTHER CAREER RELATED ACTIVITIES

September 2005 – Present	Board member: Washington State S.I.D.S. Foundation.
August 1995 - January 1996	Reviewed, on a chapter to chapter basis, *Fundamentals of Anatomy and Physiology*, 3rd edition, by Fredric Martini for Prentice Hall Publishing, Tempe Arizona. Also participated in focus groups with the author designed at providing input into the writing of the next edition of the text.

HONORS AND AWARDS

Excellence in Teaching Award. University of Arizona. Summer Session 1995

Director's Award: King County Department of Public Health. Received for work performed at and following, the Feb 98 Bothell double homicide crime scene. Received February 1999

COMMITTEES AND BOARDS

Member, Missing Persons Task Force. Washington Association of Counties
Board Member, Northwest Infant Survival Alliance/SIDS Foundation of Washington
Board Member, Families and Friends of Violent Crime Victims
Board Member, Department of Criminal Justice Advisory Board. Seattle University

PROFESSIONAL AFFILIATION

Fellow of the American Academy of Forensic Sciences
Member of the Society of Forensic Anthropologists

ACADEMIC AFFILIATION

Affiliate Faculty Member. University of Washington, Department of Anthropology. Seattle, WA
Adjunct Faculty Member: Seattle University, Department of Criminal Justice, Seattle, WA.