

Elayne Juniper Pope M. A.

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EDUCATION:

UNIVERSITY OF ARKANSAS, Fayetteville, Arkansas
Doctoral Candidate in Anthropology 2004-present

UNIVERSITY OF ARKANSAS, Fayetteville, Arkansas
M. A., Anthropology, May 2000

UNIVERSITY OF TENNESSEE, Knoxville, Tennessee
B. A., Anthropology, August 1998
B. A., Studio Art, August 1998

PROFESSIONAL EXPERIENCE:

- 2002-Present UNIVERSITY OF ARKANSAS FULBRIGHT COLLEGE OF ARTS AND SCIENCES
ANTHROPOLOGY DEPARTMENT
Fayetteville, Arkansas **Anthropology Senior Graduate Teaching Assistantship**
- 2005 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Instructor
Anthropology 1013 Introduction to Biological Anthropology
Anthropology 1011 Laboratory Sections of Biological Anthropology
- 2002-2005 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Instructor
Anthropology 3903 Introduction to Forensic Anthropology Spring 2003, Spring 2004, and Spring 2005
- 2005 NORTHWEST ARKANSAS COMMUNITY COLLEGE, CRIMINAL JUSTICE
Instructor
Criminal Justice 2093 Forensic Anthropology Spring 2005
- 2004 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Bureau of Reclamation Project
Osteology, Taphonomy, and Photography for 34 GR 4
- 2003-2004 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Instructor
Anthropology 3903 Forensic Taphonomy: Fall 2003 and Fall 2004
- 2003 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Instructor for Independent Study Supervised by Dr. Mary Jo Schneider,
Department Head
Skeletal Processing Lab Methods Spring 2003 and Fall 2003

2002 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Instructor
Anthropology 3443 Criminalistics Fall 2002

2002 VANDERBILT UNIVERSITY MESOAMERICAN ARCHAEOLOGY
Bioarchaeology and Karst Survey of La Caoba, Guatemala, Central America
Dr. Arthur Demarest and Brent Woodfill

2000-2002 UNIVERSITY OF TENNESSEE, ANTHROPOLOGY DEPARTMENT
Bioarchaeology and Tennessee Burial Cave Survey of Central and Eastern
TN
Dr. Jan Simek

2000- 2002 UNIVERSITY OF TENNESSEE COLLEGE OF VETERINARY MEDICINE
Autopsy Tech Supervisor for Large, Small, and Exotic Necropsy

1999-2004 SHELBY COUNTY MEDICAL EXAMINERS OFFICE, Memphis Tennessee
Forensic Scientist, Forensic Illustrator, and Photographer,
2000 and 2002 Forensic Autopsy Technician
2003-2004 Evidentiary Skeletal Trauma Database, Consulting Forensic
Scientist

2000 UNIVERSITY OF NEW ORLEANS, New Orleans, LA
SOUTHERN INSTITUTE OF FORENSIC SCIENCES
Symes, S. A., Sutton, P. T., and Pope, E.
Instructor
***Forensic Photography and Evidence Documentation Course Summer
2000***

1998-2000 UNIVERSITY OF ARKANSAS FULBRIGHT COLLEGE OF ARTS AND
SCIENCES,
ANTHROPOLOGY DEPARTMENT
Fayetteville, Arkansas ***Anthropology Graduate Teaching Assistantship***

1999 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Instructor
***Anthropology 3903 Introduction to Forensic Anthropology Summer 1999
and Fall 1999***

1999 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Lab Assistant
Anthropology 5003 laboratory section of Forensic Osteology Spring 1999

1998 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Instructor
***Anthropology 1011 two laboratory sections of Introduction to
Biological Anthropology. Fall 1998***

1999 UNIVERSITY OF TENNESSEE, REGIONAL FORENSIC CENTER,
Internship at Shelby County Medical Examiners Office in Memphis,
Tennessee

1998- 2000 UNIVERSITY OF ARKANSAS, ANTHROPOLOGY DEPARTMENT
Forensic Laboratory Assistant to Katherine Murray

- 1998 UNIVERSITY OF TENNESSEE, ANTHROPOLOGY DEPARTMENT
Conservation Archaeology Field School at the Bell Site (40KN202) Knoxville,
Tennessee under Dr. Charles Faulkner
- 1995-1998 UNIVERSITY OF TENNESSEE, ANTHROPOLOGY DEPARTMENT
College Work Study: Forensic Processing Laboratory Operator for William M.
Bass Donated Skeletal Collection

GRANTS AND AWARDS:

2005 Lambda Alpha: Student Best Paper Competition "Taphonomic Effects of Fire on Human Remains: Differentiating Heat from Preexisting Trauma" Seventh Annual Lambda Alpha Anthropology Student Symposium Wichita State University, Kansas. April 2, 2005.

2004 Recipient of the **Baum Teaching Assistant Award** presented by the University of Arkansas Teaching Academy Teaching Assistant Excellence for 2003-2004. **\$1,000.**

2004 Recipient of the **James Hillman Yowell Award for Excellence in Teaching** awarded by the J. W. Fullbright College of Arts and Sciences **\$500.00.**

2004 Lucas Research Grant Awarded by the Forensic Sciences Foundation "**DNA Degradation in Progressively Burned Human Bone and Tissue: Recognition of Techniques for Optimal DNA Sequence Analysis**" Kaye, M., Pope, E., and Smith, O. C. **\$2,500.00.** Final Report Submitted to the Forensic Sciences Foundation December 2004.

2004-2005 Travel Grant jointly awarded by the University of Arkansas Graduate School and Anthropology Department **\$1,000.00** per year for paper presentations.

2003 Lucas Research Grant Awarded by the Forensic Sciences Foundation "**Sequencing Burn Patterns of Soft and Mineralized Tissues In Fire Victims**" Smith, O. C. and Pope, E. **\$2,000.00.** Final Report Submitted to the Forensic Sciences Foundation December 2003.

2003 Lucas Research Grant Awarded by the Forensic Sciences Foundation "**Age Atlas of Human Os Coxae**" Pope, E. **\$900.00** Final Report Submitted to the Forensic Sciences Foundation December 2003.

2002 William M. Bass Endowment Grant **Atlas of Age Materials Award** Pope, E. **\$1,300.00** Final Report Submitted to the University of Tennessee Anthropology Department December 2003.

2001 Lucas Research Grant Awarded by the Forensic Sciences Foundation "**Tracking Progression of Thermal Destruction to Skeletal Remains: A Closer Examination of Fleshed and Unfleshed Characteristics**" Pope, E. and Smith, O. C. **\$500.00.** Final Report Submitted to the Forensic Sciences Foundation December 2001.

2001-2002 Travel Grants jointly awarded by the University of Tennessee Department of Anthropology and Graduate School **\$300.00** per year for paper presentations.

1999, 2000, 2003 Travel Grants jointly awarded by the University of Arkansas Department of Anthropology, Dean's Office, and Graduate School **\$300.00** per year for paper presentations.

PROFESSIONAL DEVELOPMENT:

Certified Law Enforcement Instructor of Arkansas Commission on Law Enforcement Standards and Training 2003-present

Phi Kappa Phi Honor Society

Lambda Alpha Anthropological Honors Society

Sigma Xi Scientific Research Society

International Association for Identification, Arkansas Chapter

International Association for Arson Investigation 2003 to present

Tecun Uman Spanish School in Antigua, Guatemala, Central America in July 2004

PUBLISHED PAPERS:

Elayne Pope and O' Brian C. Smith
Identification of traumatic injury in burned cranial bone: An experimental approach
Journal of Forensic Sciences 2004; 49(3)431-440.

Elayne Pope, O' Brian C. Smith, and Timothy Huff
Exploding skulls and other myths about how the human body burns
Fire and Arson Investigator: Journal of the International Association of Arson Investigators 2004; 55(4)23-28.

Jan Simek, Alan Cressler, and Elayne Pope
2004 "Association Between a Southeastern Rock Art Motif and Mortuary Caves" In
Rock Art University of Alabama Press. pp. 159-173.

O. C. Smith, Elayne Pope, and Steven Symes
2003 Look Until You See- Identification of Trauma in Skeletal Material. Hard
Evidence: Case Studies in Forensic Anthropology: A Reader. edited by Dawnie
Steadman. Prentice Hall. pp. 138-154.

PROFESSIONAL PRESENTATIONS:

Elayne Pope
2005 "Fire Deaths: Exploding Skulls and Other Myths of How the Body Burns"
Workshop presented to the 56th International Association for Arson Identification
Annual Conference in Washington D. C. April 26, 2005.

Elayne Pope
2005 "Taphonomic Effects of Fire on Human Remains: Differentiating Heat from
Preexisting Trauma" Seventh Annual Lambda Alpha Anthropology Student
Symposium Wichita State University, Kansas. April 2, 2005.

Elayne Pope
2005 "Utilizing Taphonomy and Context to Distinguish Perimortem from Postmortem
Trauma
in Fire Deaths" Presented to the 57th Annual Meeting of the American Academy of

Forensic Sciences, New Orleans, LA. In 2005 Proceedings American Academy of Forensic Sciences Volume 11.

Elayne Pope, Alan Robinson, Kate Spradley, and O. C. Smith
2005 "Burned Beyond Recognition: Attempts to Destroy Evidence of Death"
Presented to the 57th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA. In 2005 Proceedings American Academy of Forensic Sciences Volume 11.

Michelle Kaye, Elayne Pope, Frank Cipriano, and O. C. Smith
2005 "An Experimental Test of the Accuracy of Human Forensic Identification Techniques for Analysis of Burn-Damaged Bone and Tissue" Presented to the 57th Annual Meeting of the American Academy of Forensic Sciences, New Orleans, LA. In 2005 Proceedings American Academy of Forensic Sciences Volume 11.

Elayne Pope and O' Brian C. Smith
2004 "Burning Observations of Decomposed Human Remains: Obscuring the Postmortem Interval"
Presented to the 56th Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX. In 2004 Proceedings American Academy of Forensic Sciences Volume 10.

Elayne Pope, Robert Fenton, O' Brian C. Smith, and Jody Fenton
2004 "Burnin' Down the House: Predictive Cadaver Models in Structural Fires"
Presented to the 56th Annual Meeting of the American Academy of Forensic Sciences, Dallas, TX. In 2004 Proceedings American Academy of Forensic Sciences Volume 10.

Elayne Pope and O. C. Smith
2003 "Features of Preexisting Trauma and Burned Cranial Bone" Paper Presented to the 55th Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL. In 2003 Proceedings American Academy of Forensic Sciences Volume 9.

O. C. Smith and Elayne Pope
2003 "Burning Extremities: Patterns of Arms, Legs and Preexisting Trauma" Paper Presented to the 55th Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL. In 2003 Proceedings American Academy of Forensic Sciences Volume 9.

Elayne Pope and O. C. Smith
2003 "Burning Observations of the Body: Sequencing Soft and Hard Tissue Destruction" Paper Presented to the 55th Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL. In 2003 Proceedings American Academy of Forensic Sciences Volume 9.

O. C. Smith and Elayne Pope
2003 "Documenting Patterns of Injury in Fire Victims" Paper Presented to the 55th Annual Meeting of the American Academy of Forensic Sciences, Chicago, IL. In 2003 Proceedings American Academy of Forensic Sciences Volume 9.

Elayne Pope
2003 "How to Identify Burn Patterns and Traumatic Injury in Fire Victims" Presented to the 13th International Association for Crime Scene Reconstruction Training Conference on

October 23, 2003 in Oklahoma City, OK.

Elayne J. Pope, Steven A. Symes, O. C. Smith

2002 "Burning Observations of the Head: An Experimental Model" Paper Presented to the 54th Annual Meeting of the American Academy of Forensic Sciences, Atlanta GA. In 2002 Proceedings American Academy of Forensic Sciences Volume 8.

O. C. Smith, Steven A. Symes, Elayne Pope, and Cynthia Gardner

2001 "Burning Observations I: Identification of Normal Human Anatomical Patterns in a Thermal Event" Paper Presented to the 53rd Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA. In 2001 Proceedings American Academy of Forensic Sciences Volume 7.

Elayne Pope, Steven A. Symes, O. C. Smith, and Cynthia Gardner

2001 "Burning Observations II: Analysis of Color Patterns" Paper Presented to the 53rd Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA. In 2001 Proceedings American Academy of Forensic Sciences Volume 7.

Steven A. Symes, Elayne Pope, O. C. Smith, Cynthia Gardner, and Lauren Zephro

2001 "Burning Observations III: Analysis of Fracture Patterns in Burned Human Remains" Paper Presented to the 53rd Annual Meeting of the American Academy of Forensic Sciences, Seattle, WA. In 2001 Proceedings American Academy of Forensic Sciences Volume 7.

Symes, S., Smith, OC, Berryman, H., and Pope, E.

1999 Patterned Thermal Destruction of Human Remains. Paper presented to the 30th Anniversary Edition of the T. D. Stewart Personal Identification in Mass Disasters. Sponsored by the Central Identification Laboratory, Hawaii.

LOCAL AND REGIONAL PRESENTATIONS:

Elayne Pope

2005 "Results of a Car Fire Environment" Presentation for the Arkansas Division of the International Association for Identification. In Eureka Springs, Arkansas April 14, 2005

Elayne Pope

2004 "Exploding Skulls and other myths of how the body burns" Keynote speaker for New York State Annual Seminar at the Academy of Fire Science in Montour Falls, NY. November 3, 2004.

Elayne Pope

2004 "Fire death investigation" Workshop presented to Northwest Arkansas Fire Marshall's Conference Springdale, Arkansas. October 1, 2004.

Elayne Pope

2004 "Fire Deaths" Lecture presented to West Tennessee Medical Examiner's Conference, Jackson, TN. April 21, 2004.

Elayne Pope

2004 "Fire Death Investigation" Arkansas Division of the International Association for Identification. Fayetteville, AR. April 15 and 16, 2004.

Elayne Pope and Bryan Renfro
2004 "Forensic Anthropology" Central Arkansas State Law Enforcement Training
Center invited by District Attorney David Gibbons. Clarksville, AR. April 7, 2004

Elayne Pope
2003 "Interpreting Patterns of Thermal Damage to the Human from Traumatic Injuries"
Arkansas Division of International Association for Identification, Hot Springs, AR. April
16, 2003.

Elayne Pope
2003 "Fire-Related Trauma in Forensic Investigations" Lecture presented to West
Tennessee Medical Examiner's Conference, Jackson, TN. April 2, 2003.

Elayne Pope and O. C. Smith
2002 "Burned Victims: Tracking Progression through Experimental Observation"
Workshop presented to the International Arson Association of Investigators, Arkansas
Chapter. Jacksonville, AR October 4, 2002

Elayne Pope and O. C. Smith
"Experimental Fires- Observations of Soft Tissue and Bone"
Paper presented to the International Association for Identification, Tennessee
Division
November 1, 2001 Tennessee Bureau of Investigation, Nashville, Tennessee.

Elayne Pope and Joanne Devlin
"Anthropology and Burned Bone" Rural Metro Station Number 10
Paper presented May 29, 2001 Knoxville, Tennessee.

Elayne Pope and O. C. Smith
"Identification of Normal and Abnormal Fire Injuries" Paper presented to the
Tennessee State Codes and Fire Academy. May 16, 2001 Murfreesboro,
Tennessee.

REFERENCES:

Dr. Jerome Rose	University of Arkansas 330 Old Main Fayetteville, Arkansas 72701	(479) 575-2508
Dr. Mary Jo Schneider	University of Arkansas 330 Old Main Fayetteville, Arkansas 72701	(479) 575-2508
Dr. Robert Mainfort	University of Arkansas 330 Old Main Fayetteville, Arkansas 72701	(479) 575-2508

PAGE

PAGE 6

