

LISA KAY LONGHOFER

CURRICULUM VITAE

Address:

1600 S Coulter Street, Building B
Amarillo, Texas 79106
phone - 806.358.0600

Education:

- 2013-2014 **Hand Surgery Fellowship**
The Hand Center of San Antonio
San Antonio, TX
- 2008-2013 **Orthopaedic Surgery Residency**
Wichita Center for Graduate Medical Education
Wichita, KS
- 2004-2008 **Doctor of Medicine**
Texas Tech University Health Science Center School of Medicine
Lubbock, TX
Alpha Omega Alpha—Junior AOA Graduate
- 2003-2004 **Master of Science: Zoology**
Thesis: Molecular Systematics of the Genus *Neotoma* Based on
DNA Sequences from Intron 2 of the Alcohol Dehydrogenase
Gene
Texas Tech University Lubbock, TX
- 1999-2003 **Bachelor of Science:** Major: Zoology; Minor: Chemistry
Texas Tech University Lubbock, TX
Summa Cum Laude
- 1995-1999 **Valedictorian**
Booker Independent School District Booker, TX
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Research Experience:

- 2013-2014 **Fellowship Research**
➤ “Long term results following PRC with minimal of 25 to 30 years
Follow-Up.”

2009-2013

Residency Research

- “Evaluation of the Effects of Wear-Particle-Induced Osteolysis at the Bone-Implant Interface in a Rat Model.”
 - **POSTER PRESENTATION** at the **ORI** in San Antonio 2013
- Case Report: “Thoracic Extradural Intraspinial Synovial Cyst Causing Progressive Myelopathy.” *JBJS Case Connector* 4:1. February 2014.

Summer 2005

Medical School Research

- Cancer Research Studying Tumor Vascularization
TTUHSC Orthopaedic Dept. Dr. Herb Janssen
- Educational Research Student Observer/Adviser for FIPSE U.S. Dept. of Educational Grant—Teaching Critical Thinking Skills to the Medical Profession—Contracted with BYU (under Dr. Herb Janssen)

2003-2004

Graduate Research

- Thesis: Molecular Systematics of the Genus *Neotoma* Based on DNA Sequences from Intron 2 of the Alcohol Dehydrogenase Gene
- Other Research:
 - Nuclear DNA marker for mammalian systematics
 - Rodent populations following a severe drought
 - Small mammal records from Donley and Briscoe Counties
 - *Lasiurus ega* and other small mammal records from Dimmit and La Salle Counties
 - Comparative Evolution of *Sylvilagus floridanus robustus*
 - Systematics of *Myotis velifer* (bats) in Texas
Dr. Robert Bradley
Biology Department, Texas Tech University

2002-2003

Undergraduate Research

- Comparative Evolution of *Sylvilagus floridanus robustus* with surrounding rabbit species using nuclear gene *b*-fibrinogen
Dr. Robert Bradley
Biology Department, Texas Tech University
- Pest Control of the Larger Black Flour Beetle.
McIntyre, N.E., and P. Porter. 2004. Field trial of diatomaceous earth in cotton gin trash against the larger black flour beetle, *Cynaesus angustus* (Coleoptera: Tenebrionidae). *Journal of Economic Entomology* 97:588-592.
Dr. Nancy McIntyer Biology Department, Texas Tech University

Grant Experience:

- Wichita Center for Graduate Medical Education Level One Research Grant: \$3,000
- Chris Banwart Research Grant: \$2,000
- Elite Basic Science Program from Kansas University Medical Center Research Institute Grant: \$25,000--In Review

Educational Presentations:

- Poster Presentation at Orthopaedic Research Institute San Antonio TX 2013
- Tendon Biology, Anatomy, and Biomechanics
- Congenital Hand Anomalies
- Spinal Deformities: Scoliosis and Kyphosis
- Fractures of the Forearm
- Flatback Syndrome
- Cervical Myelopathy
- Sagittal and Patellofemoral Balancing in Total Knee Arthroplasty
- Varus/Valgus Deformities in Total Knee Arthroplasty
- Femoral Stem Malposition in Total Hip Arthroplasty

Committees:

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| 2011 | WCGME Official Institutional Site Review Committee Representative for Orthopaedic Surgery Residency Program (peer selected) |
| 2010-2011 | Orthopaedic Residency Oversight Committee |
| 2010 | Official Site Review Committee Representative for Orthopaedic Surgery Residency Program (peer selected) |
| 2003 | TTUAB Grants and Awards Committee |
| 2000 | Texas Tech Election Committee |

Conferences:

- AONA Basic Principles and Techniques of Operative Fracture Management
- AONA Advanced Principles and Techniques of Operative Fracture Management
- Dallas Short Course: Prosthetics & Orthotics
- American Academy of Orthopaedic Surgeons 2012 Annual Meeting in San Francisco, CA
- Orthopaedic Research Institute Conference San Antonio 2013
- Stryker Trauma Hand and Wrist Fellows Dissection Course October 2013
- AAHS Annual Meeting in Kauai, Hawaii 2014

Leadership Activities/Organizations:

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| 2013-2014 | ASSH member |
| 2009-2013 | ATLS Instructor |
| 2008-present | American Association of Orthopaedic Surgeons |
| 2007-present | Alpha Omega Alpha |
| 2005-2006 | Orthopedic Student Organization – Vice President |
| 2004-2006 | Orthopedic Student Organization |
| 2005 | TTUHSC Summer Premedical Academy/JAMP – Student Coordinator |
| 2004-2007 | Texas Medical Association |
| 2004-2007 | American Medical Student Association |
| 2004-2006 | American Medical Women’s Association |
| 2004-2006 | Surgery Student Organization |
| 2004-2006 | Anesthesiology Student Organization |
| 2004-2006 | Emergency Medicine Student Organization |
| 2004-2006 | Family Medicine Student Organization |

Honors and Awards:

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| 2017 | Leading Physicians of the World |
| 2013 | Orthopaedic Research Institute Charles E. Henning M.D. Memorial Research Prize June 2013 |
| 2013 | Poster Presentation at the ORI in San Antonio TX 2013 |
| 2008 | TTUHSC Orthopaedic Surgery Rotation Award |
| 2007 | Alpha Omega Alpha—<i>Junior AOA Graduate</i> |
| 2005 | Christine DeVitt Medical Sch.-Lubbock Women’s Club |
| 2003 | SBC/Chancellor’s Endowed Fellowship -TTU grad. school |
| 2003 | Summa Cum Laude Graduate of Texas Tech University |
| 2003 | Earl Camp Scholarship Finalist |
| 2003 | Phi Kappa Phi Honor Society |
| 2002-2003 | Landwer Scholarship |
| 2001-2003 | Academic Achievement Scholarship |
| 2001-2003 | Golden Key Honor Society |
| 2000-2003 | Tri-Beta Biological Honor Society |
| 2000 | Kay Hairgrove Service Award |
| 1999-2003 | National Society of Collegiate Scholars |
| 1999-2003 | Sybil B. Harrington Scholarship |
| 1999 | Valedictorian — Booker High School ISD, Booker TX |

Professional Certifications:

Adult Trauma Life Support and Instructor
Advanced Cardiac Life Support

Community Service/Volunteer Activities:

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| 2008 | Donated to Women's Protective Service |
| 2006 | Orthopedic Department International Culinary Affair Volunteer |
| 2006 | Hogg Race (raising money for youth w/ cancer in Lamesa) |
| 2005 | Red Cross for Hurricane Katrina/Rita Volunteer |
| 2005 | TMA First Tuesdays in Austin Medical Student Representative |
| 2004-2007 | Race for the Cure |
| 2005 | City Lights Ball |
| 2004 | American Cancer Society – Cattle Barron's Ball Volunteer |
| 2000-2003 | Alpha Phi Omega – student service fraternity |

Professional Experience:

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|---------------|---|
| 2013-2013 | Hand Fellow at the Hand Center of San Antonio TX |
| 2008-2013 | Orthopaedic Surgery Resident —University of Kansas-Wichita KS |
| 2009-2013 | ATLS Instructor |
| Summer 2005 | Student Coordinator —TTUHSC Summer Premedical Academy/JAMP |
| Aug 03-May 04 | Teaching Assistant —TTU teaching 1402 Animal Biology Lab (3 labs) |
| Summer 03-04 | Research Assistant —conducting graduate research at Texas Tech University and preparing specimens for the Texas Tech Museum. |
| 2001-2003 | Veterinarian Technician —assisting in surgeries, blood work, vaccinating, drawing blood, inserting catheters, dispensing medicine, microscopic work (skin fungus, blood, parasites, fecals), kennels, taking radiographs, etc. |

Publications:

- 1) Green DP, Perreira A, **Longhofer LK. Proximal Row Carpectomy.** J Hand Surg Am. 2015;40(8): 1672-1676.
- 2) **Longhofer, L.K.,** Moskowitz, A. **Thoracic Extradural Intraspinial Synovial Cyst Causing Progressive Myelopathy a Case Report.** JBJS Case Connector 4:1. February 2014.
- 3) **Longhofer, L.K.,** Bradley, R.D. **Molecular Systematics of the Genus Neotoma Based on DNA Sequences from Intron 2 of the Alcohol Dehydrogenase Gene.** Journal of Mammalogy 87 (5), 961-970. 2006.
- 4) Amman, B.R., J. D. Hanson, **L. K. Longhofer,** S. R. Hooper, and R.D. Bradley. **Intron 2 of the alcohol dehydrogenase gene (Adh1-I2): A nuclear DNA marker for mammalian systematics.** Occasional Papers, Museum of Texas Tech University. Number 256: 1-16. 2006.
- 5) Bradley, R. D., J. D. Hanson, B. Amman, B. D. Baxter, D. S. Carroll, N. D. Durish, M. L. Haynie, M. Kageyama, **L. K. Longhofer,** F. M. Mendez-Harclerode, S. A. Reeder, J. R. Suchecki, D. C. Ruthven III, M. N. B. Cajimat, C. Milazzo Jr, M. L. Milazzo, and C. F. Fulhorst. Submitted. **Rapid recovery of rodent populations following a severe drought.** The Southwestern Naturalist. 51(1), pp. 87–93. January 2006.
- 6) Haynie, M. L., B. R. Amman, B. D. Baxter, N. D. Durish, J. D. Hanson, **L. K. Longhofer,** F. M. Mendez-Harclerode, S. A. Reeder, J. R. Suchecki, and R. D. Bradley. **Small mammal records from Donley and Briscoe Counties, Texas.** Occasional Papers, Museum of Texas Tech University, 247:1-4. 2005.
- 7) Sucheki, J.R., B.R. Amman, D. Baxter, M. Cajimat, D.S. Carroll, Nevin D. Durish, C.F. Fulhorst, J.D. Hanson, M.L. Haynie, M. Kageyama, **L.K. Longhofer,** F. Mendez-Harclerode, C. Milazzo, Jr., M.L. Milazzo, S.A. Reeder, D.C. Ruthven, D.R. Synatzske, and R.D. Bradley. ***Lasiurus ega* and other small mammal records from Dimmit and La Salle Counties, Texas.** *Occasional Papers, Museum of Texas Tech University* 225:1-3. 2003.