

Curriculum Vitae
Lawrence Stroud Carter, Jr., MD

Personal Data:

Full Name: Lawrence Stroud Carter, Jr. (Lee)
Current Home Address: 1020 6th St. NW, Hickory, NC 28601
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Rank/Corps/Service: Major/Medical Corps/United States Air Force

Education:

Undergraduate:
1978-1982 **University of North Carolina at Pembroke (UNC-P)**
Pembroke, North Carolina
Biology/Chemistry, Magna Cum Laude, B.S.

Medical School:
1989-1993 **Bowman Gray School of Medicine, Wake Forest University**
Winston-Salem, North Carolina
Parallel Curriculum

Military Training Courses:

1997 HIV Train the Trainer, San Antonio, Tx
1996 ACLS-Instructor, Wilford Hall Medical Center
1996 MIMSO, Montgomery, AL
1990 HPOIC, Lackland, Tx

Professional Training and Experience:

Residency:
1993-1996 Morristown Memorial Hospital, Morristown, New Jersey
Internal Medicine

Other:
1987-1989 Durham Community College, Durham, North Carolina
Training for Certification as EMT, EMT-1 and Paramedic

Work History:

2018-Current Chairman of Department of Medicine, Frye Regional Medical Center

2013-2017 Chairman Credentialing Committee, Frye Regional Medical Center

2013-2018 Vice Chairman of Department of Medicine, Frye Regional Medical Center

2011-Current MDVIP, Hickory, North Carolina

2008-Current Medical Executive Committee, Frye Regional Medical Center

2006-2014 Board of Catawba County Health Partners

2003-Current Adult Internal Medicine, Hickory, North Carolina
President

2003-2005 Frye Regional Medical Center, Hickory, North Carolina
Medical Director

2002-2004 Cooperative Christian Ministry, Hickory, North Carolina
Medical Director

1999-2003 North Hickory Internal Medicine, Hickory, North Carolina
Physician
Catawba Valley Medical Center, Hickory, North Carolina
Diabetic Advisory Board
Frye Regional Medical Center, Hickory, North Carolina
Pharmaceutical and Therapeutics Committee

1996-1999 Laughlin Air Force Base (LAFB)
Chief of Internal Medicine
Director of Coumadin Clinic, LAFB
Director of Diabetic Clinic, LAFB
Director of ACLS Program, LAFB
Medical Review Officer, LAFB
HIV Coordinator, LAFB
Medical Consultant to Radiological Services, LAFB
Pharmaceutical Representative Liaison, LAFB
Membership of Ethics Committee, Executive Committee of the Medical Staff,
Tiger Teams for Group Education and Training, Morale, Pro Staff, LAFB
Alternate Medical Director of Tumor Registry, Emergency Medical
Technician Training, Gulf War Comprehensive Clinical Evaluation
Program, LAFB

1990-1996 United States Air Force
Health Professional Scholarship, Inactive Reserves

1989-1993 University of North Carolina At Chapel Hill, School of Medicine
Department of Anesthesiology
Consultant-Langendorff Apparatus

1986-1989
Lawrence S. Carter, Jr.

University of North Carolina at Chapel Hill, School of Medicine

Curriculum Vitae page 3

Department of Anesthesiology
Research Specialist-Cardiology; Assistant Instructor in Life Support Skill

1986-1989

University of North Carolina at Chapel Hill, School of Medicine
Department of Anesthesiology:
PALS, ACLS Instructor

1982-1985

University of North Carolina at Chapel Hill, School of Medicine
Department of Anesthesiology
Research Technician II, ACLS-Provider and BCLS Instructor- Trainer

1983-1984

YMCA, Chapel Hill, NC
Cardiac Rehab Instructor, (Summers)

1982

University of North Carolina at Chapel Hill
Department of Zoology
Teaching Assistant in Human Anatomy and Physiology

Community Service:

2019-present

Elk's Lodge #1654 Hickory, North Carolina

2006-2014

Catawba County Board Member

2000- Current

United Methodist Church, Weddington, North Carolina
Medical Missions to Costa Rica

1999-Current

Cooperative Christian Ministry, Good Samaritan Clinic
Volunteer Physician
Lectures on Diabetes, Hypertension, and Lipids to Senior Citizens and other Organizations, in Hickory, North Carolina

Licensure and Specialty Certification:

Current Unrestricted State License:
North Carolina, #96-01596
Texas, #K2430

Board Certification internal Medicine, Until December 2009

Honors and Recognition:

1982

Honors Thesis: Current Evaluation of Urinary Tract Calculi in Robeson County,
University of North Carolina Pembroke (UNC-P)

1982

Academic All American Athlete of the Year, UNC-P

1981-1982

Who's Who Among Students in American Universities and Colleges

1981-1982 North Carolinas Honor Society Chapter of Alpha Chi

Lawrence S. Carter, Jr.

Curriculum Vitae page 4

1981 Academic All-American Soccer Player, NAIA

1980-1982 Chancellor's Scholars, UNC-P

1979-1982 University Honor's Program, UNC-P

Professional Societies: (Current)

2003- current National Lipid Association

2003- current Southern Medical Association

2000- current Southeastern Lipid Association

1999- current American Diabetes Association

1999- current North Carolina Medical Society

1999- current Catawba Medical Society

1996- 1999 Val Verde Medical Society

1993- current American College of Physicians, Membership #01023791

1989- current American Medical Association, Membership #036-05-93-9498

1989- 1993 American Academy of Family Physicians, Membership #7223266

1980- current American Heart Association, North Carolina Affiliate, Inc., Chapel Hill

Publications/Research:

In Refereed Journals:

1. Carter LS, Mueller RA, Norfleet EA, Payne FB and Saltzman LS: Hypothyroidism delays ischemia-induced contracture and adenine nucleotide depletion in rat myocardium. *Circ. Res.* 60:649-652, 1987
2. Richards DS, Carter LS, Corke BC, Sielman F and Cefalo RC: The effects of human amniotic fluid on the isolated perfused rat heart. *Amer. J. Obstet.Gynecol.* 158:21-214, 1988.
3. Petersen R, Carter LS, Chescheir NC, Katz VL and Cefalo RC: Effects of terbutaline on fetal cardiac function. *Amer J. Obstet.Gynecol.* 161(3):509-512, 1989.

4. Sherwood A, Carter LS and Murphy CA: Cardiac output by impedance cardiography: two alternative methodologies compared with thermodilution. *Aviat. Space Environ. Med.* 62:116-22, 1991

Lawrence s. Carter, Jr.

Curriculum Vitae page 5

5. Ganey PE, Carter LS, Mueller RA and Thurman RG: Doxorubicin toxicity in perfused rat heart: decreased cell death at low oxygen tension. *Cir. Res.* 68:1610-13, 1991.

Abstracts and Presentations:

1. Norfleet FA, Carter LS, Mueller RA, Kates RA and Saltzman LS: Halothane cardioplegia. *Society of Cardiovascular Anesthesia*, 1984.
2. Norfleet EA, Carter LS, Mueller RA, Kates RA and Saltzman LS: Halothane cardioplegia. *Anesthesiology* 61:A82, 1984
3. Carter LS, Norfleet EA, Saltzman LS and Mueller RA: Effect of hypothyroidism on ischemia-induced cardiac contracture. *Society of Cardiovascular Anesthesia*, 1985.
4. Payne FB, Carter LS, Norfleet EA and Mueller RA: The effect of *in-vivo* hypocalcemia on the development of ischemic contracture in the isolated rat heart. *Society of Cardiovascular Anesthesia*, 1985. (Poster presentation)
5. Carter LS, Spielman FJ, Corke BC, Norfleet EA, Mueller RA and Watson CB: Myocardial function after chronic amiodarone treatment of ischemic arrest in the isolated rat heart. *Society for Cardiovascular Anesthesia Annual Meeting*, 129, 1985.
6. Spielman FJ, Carter LS, Saltzman LS, Corke BC, Norfleet EA and Mueller RA: Magnesium potentiates the cardiac toxicity of bupivacaine. *Society of Obstetric Anesthesia and Perinatology Annual Meeting*. 94, 1985.
7. Saltzman LS, Carter LS, Spielman FJ, Corke BC, Norfleet EA, Mueller RA and Watson CB: Myocardial function after chronic amiodarone treatment and ischemic arrest in the isolate rat heart. *American Society of Anesthesiologists Annual Meeting*. *Anesthesiology* 63:A100, 1985.
8. Mueller RA, Carter LS, Towle A, Hedner J, Breese GR, Norfleet EA and Saltzman LS: Neuronal modulation of ischemia induced myocardial contracture. *American Society of Anesthesiology*, Submitted, 1985.
9. Apielman FJ, Carter LS, Saltzman LS, Corke BC, Norfleet EA and Mueller RA: Magnesium potentiates the cardiac toxicity of bupivacaine. *American Society of Anesthesiologists Annual Meeting*. *Anesthesiology* 63:A446, 1986.
10. Goulson DT, Carter LS, Norfleet EA and Mueller RA: Ethrane cardioplegia. Presented at *Whitened Medical Society Research Day*. *University of North Carolina School of Medicine*, 1986.
11. Spielman FJ, Carter LS, Saltzman LS, Corke BC, Norfleet EA and Mueller RA: Cardiac effects of ritodrine and magnesium sulfate. *Society of Obstetric Anesthesia and Perinatology Annual Meeting*, 136, 1986.

12. Saltzman LS, Carter LS, Webb OJ, Spielman FJ, Norfleet EA, Corke BC, Watson CB and Mueller RA: Halothane-amiodarone interaction. Society for Cardiovascular Anesthesia Annual Meeting, 145, 1986.
13. Spielman LS, Carter LS, Saltzman LS, Corke BC, Norfleet EA and Mueller RA: Cardiac effect of ritodrine and magnesium sulfate. American Society of Anesthesiologists Annual Meeting. 399, 1986.

Lawrence S Carter, JR

Curriculum Vitae page 6

14. Cleckner NS, Carter LS, Mueller RA, Hunt RD, Norfleet EA, Conroy PT and Lucas WJ: Altered sensitivity of cardiac alpha receptors to phenylephrine after ischemia. ASA, submitted April 1987.
15. Blau WS, Carter LS, Spielman FJ, Mueller RA, Corke BC and Norfleet EA: Effects of magnesium on the isolated rat heart: interaction with inhalational anesthetics. Society for Cardiovascular Anesthesia Annual Meeting. 133, 1988.
16. Corke BC, Carter LS, Spielman FJ and Mueller RA: The influence of a 2-chloroprocaine metabolite on the cardiotoxic effects of bupivacaine. Society of Obstetric Anesthesia and Perinatology Annual Meeting. 99, 1988.
17. Corke BC, Carter LS, Spielman FJ and Mueller RA: The influence of a 2-chloroprocaine metabolite on the cardiotoxic effects of bupivacaine. International Symposium on Regional Anesthesia, 1988.
18. Blau WS, Carter LS, Spielman FJ, Mueller RA, Corke BC and Norfleet EA: Effects of magnesium on the isolated rat heart: Interaction with inhalational anesthetics. American Society of Anesthesiologists Annual Meeting, A70, 1988.
19. Corke BC, Carter LS, Spielman FJ and Mueller RA: The influence of a 2-chloroprocaine metabolite on the cardiotoxic effects of bupivacaine. American Society of Anesthesiologists Annual Meeting. A674, 1988.
20. Petersen R, Carter LS, Chescheir NC, Katz VL and Cefalo RC: Effects of terbutaline on fetal cardiac function. 51st Annual Meeting, The South Atlantic Association of Obstetricians and Gynecologists, 29 January - 1 February 1989.
21. Ganey PE, Carter LS, Mueller RA and Thurman RG: Effects of oxygen tension on toxicity due to doxorubicin in perfused rat heart. The Pharmacologists 31(3):165, 1989
22. Mueller RA, Grimes LM, Criswell H, Carter LS, McGimsey WC, Stumpf W and Breese GR: D1 dopamine agonist induces c fos protein in the striatum of 6-OHDA-lesioned rats. Society for Neuroscience 15:430, 1989.
23. Carter LS, Ganey PE, Thurman RG and Mueller RA: Oxygen tension alters doxorubicin toxicity in the perfused rat heart. 62nd Scientific Session, American Heart Association, 1989, submitted.
24. Payne GB, Roper J, Spielman F, Carter LS, Mueller RA and Thorp J: Myocardial depression induced by nifedipine in the isolated perfused rat heart. Society of Cardiovascular Anesthesiologists, presented 1989.
25. Mueller RA, Carter LS, Ganey PE and Thurman RG: Oxygen dependency of doxorubicin in perfused rat hearts. Anesthesiology 73:93A):A563, 1993.

26. Carter LS, Technological advances in the field of echocardiography. Bowman Gray School of Medicine of Wake Forest University, presented 1991.
27. Carter LS, Perretta S, Valley R, Ransom E, Norfelt EA and Mueller RA: Bupivacaine as cardioplegic: comparison with potassium and Lidocaine. American Society of Anesthesiologist Annual Meeting, New Orleans, LA, to October, 1992.