

CURRICULUM VITAE

Date Prepared: November 14, 2016

Name: **DAVID LAWRENCE BURK, JR., M.D. (Larry)**

Corporation: Healing Imager, P.C.

Medical Licensure: California #G89142 - 2012 - present

Arizona #40765 – 2008 – present

Kentucky # 41523 – 2007- 2013

Florida # ME 89839 – 2004 – present

Georgia # 054470 – 2004 – present

Texas #TM00016 – 2004 - present

North Carolina #36667 – 1993 - present

Virginia #0101-046742 – 1991 - 1993

Pennsylvania, #027565-E – 1982 – 1991

National Board of Medical Examiners -1982

Specialty Certification: American Board of Radiology - 1985

Citizen of: United States of America

EDUCATION:

**High School:** Fox Chapel  
Place: Pittsburgh, Pennsylvania  
Dates: 1969 - 1973

**College:** Duke University  
Place: Durham, North Carolina  
Dates: 1973 - 1977  
Degree: B.A., Chemistry

**Graduate:** University of Pittsburgh  
School of Medicine  
Place: Pittsburgh, Pennsylvania  
Dates: 1977 - 1981  
Degree: M.D.

**PROFESSIONAL TRAINING:**

**Postgraduate:** University Health Center of Pittsburgh  
Place: Pittsburgh, Pennsylvania  
Dates: 1981 - 1985  
Internship and Residency - Radiology

**Postgraduate:** Hospital of the University of Pennsylvania  
Place: Philadelphia, Pennsylvania  
Dates: 1986 - 1987  
Fellowship - Musculoskeletal Radiology

**CME COURSE ATTENDANCE:**

Current Issues of MRI in Orthopedics and Sports Medicine, San Francisco, CA, 2007

Duke Radiology Review Course, Durham, NC, 2014

**ACADEMIC CAREER:**

2015 – present	Clinical Associate Duke University Medical Center Durham, North Carolina
2007 - 2012	Visiting Assistant Professor of Radiology University of Kentucky Medical College Lexington, KY
1998 - 2004	Associate Clinical Professor of Radiology Duke University Medical Center Durham, North Carolina
1993 - 1998	Associate Professor of Radiology Duke University Medical Center Durham, North Carolina
1991 - 1993	Associate Clinical Professor of Radiology Eastern Virginia Graduate School of Medicine Norfolk, Virginia
1987 - 1991	Assistant Professor of Radiology Jefferson Medical College Philadelphia, Pennsylvania
1985 - 1986	Instructor of Radiology University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania

**Hospital Appointments:**

12/2015 – present	Staff Diagnostic Radiologist Duke University Medical Center Durham, North Carolina
8/2013 - present	Radiology Provisional Staff Midland Memorial Hospital Midland, Texas
1996 – 2004	Staff Diagnostic Radiologist Duke University Medical Center Durham, North Carolina
1993 - 1996	Section Head, Musculoskeletal Radiology Duke University Medical Center Durham, North Carolina
1991 - 1993	Staff Diagnostic Radiologist DePaul Medical Center Norfolk, Virginia
1991 - 1993	Staff Diagnostic Radiologist Virginia Beach General Hospital Virginia Beach, Virginia
1987 - 1991	Staff Diagnostic Radiologist Thomas Jefferson University Hospital Philadelphia, Pennsylvania
1985 - 1986	Staff Diagnostic Radiologist Pittsburgh NMR Institute Pittsburgh, Pennsylvania

**Corporate Contracts:**

Comfort Talk Trainer  
Hypnalgesics, LLC  
Brookline, MA  
1/2014 - 2015

Independent Radiology Contractor  
NationalRad  
Specialists in Diagnostic Imaging, P.A.  
Deerfield Beach, Florida  
3/2004 - present

**ORGANIZATIONAL EXPERIENCE:**

2007 - 2013     Program Committee, Duke Across the Threshold: Creativity, Being & Healing Conference

- 1998 - 2004 Co-Founder, Director of Education, Duke Center for Integrative Medicine
- 1996 - 2002 Co-Program Chair, Duke Integrating Mind, Body and Spirit in Medical Practice Conference
- 1993 - 1998 Coordinator, Duke University Medical Center Mind-Body Medicine Study Group

**COURSE DIRECTOR:**

- 2000 - 2004 CFM-251 Integrative Medicine: Research and Clinical Perspectives  
Duke University Medical, PA and PT Students
- 1996 - 2003 HPER-14 Stress Management and Performance Enhancement  
Duke University Undergraduate Students

**REFEREED JOURNALS:**

1. **Burk DL Jr**, Mears DC, Herbert DL, et al. Pelvic and acetabular fractures: examination by angled CT scanning. Radiology 153:548, 1984.
2. **Burk DL Jr**, Mears DC, Kennedy WH, et al. Three-dimensional computed tomography of acetabular fracture. Radiology 155:183, 1985.
3. **Burk DL Jr**, Mears DC, Cooperstein LA, et al. Acetabular fractures: Three-dimensional computed tomographic imaging and interactive surgical planning. CT 10:1, 1986.
4. **Burk DL Jr**, Kanal E, Brunberg JA, et al. 1.5 Tesla surface coil MRI of the knee. AJR 147:293, 1986.
5. **Burk DL Jr**, Brunberg JA, Kanal E, et al. 1.5 Tesla surface coil MR imaging of the spinal and paraspinal neurofibromatosis. Radiology 162:797, 1987.
6. Mitchell DG, **Burk DL Jr**, Vinitski S, Rifkin MD. The biophysical basis of tissue contrast in extracranial MR imaging. AJR 149:831, 1987.
7. Fobbin ES, Dalinka MK, Schiebler, ML, **Burk DL Jr**, et al. The magnetic resonance imaging appearance at 1.5 Tesla of cartilaginous tumors involving the epiphysis. Skeletal Radiol 16:647, 1987.
8. Rafto SE, Dalinka MK, Schiebler ML, **Burk DL Jr**, Kricun ME. Spondyloarthropathy of the cervical spine in long-term hemodialysis. Radiology 166:201, 1988.
9. **Burk DL Jr**, Dalinka MK, Kanal E, et al. Meniscal and ganglion cysts of the knee: MRI evaluation. AJR 150:331, 1988.
10. Cohen EK, Kressel HY, Perosio T, **Burk DL Jr**, et al. MR imaging of soft tissue hemangiomas: correlation with pathologic findings. AJR 150:1079, 1988.

11. Cohen EK, Kressel HY, Frank TS, Fallon M, **Burk DL Jr**, et al. Hyaline cartilage origin bone and soft tissue neoplasms MR appearance and histologic correlation. Radiology 1267:477, 1988.
12. Coleman BG, Kressel HY, Dalinka MK, Schiebler ML, **Burk DL Jr**, Cohen EK. Radiographically negative avascular necrosis: detection with MR imaging. Radiology 168:525, 1988.
13. Glickstein MR, **Burk DL Jr**, Schiebler ML, et al. Avascular necrosis versus other diseases of the hip: sensitivity of MR imaging. Radiology 169:213, 1988.
14. Mitchell DG, Vinitzki S, **Burk DL Jr**, et al. Motion artifact reduction in MR imaging of the abdomen: gradient moment nulling versus respiratory sorted phase encoding. Radiology 169:155, 1988.
15. Dick BW, Mitchell DG, **Burk DL Jr**, et al. The effect of chemical shift misrepresentation on cortical bone thickness on MR imaging. AJR 151:537, 1988.
16. Mitchell DG, Vinitzki S, **Burk DL Jr**, et al. Multiple spin echo imaging in the abdomen and pelvis: effects on image contrast and motion induced artifact. Magn Reson Imag 6:535, 1988.
17. Rao VM, Mitchell DG, Steiner RM, Rifkin MD, **Burk DL Jr**, et al. Femoral head avascular necrosis in sickle cell anemia: MR characteristics. Magn Reson Imag 6:661, 1988.
18. Rao VM, Mitchell DG, Rifkin MD, Steiner RM, **Burk DL Jr**, et al. Marrow infarction in sickle cell anemia: correlation with marrow type and distribution by MRI. Magn Reson Imag 7:39, 1989.
19. **Burk DL Jr**, Karasick D, Kurtz AB, et al. Rotator cuff tears: prospective comparison of MRI with arthrography, sonography, and surgery. AJR 153:87, 1989.
20. Glickstein MF, **Burk DL Jr**, Kressel H. MR demonstration of hyperintense herniation discs and extruded disc fragments. Skeletal Radiology 18:527, 1989.
21. Mitchell DG, Vinitzki S, Rifkin MD, **Burk DL Jr**. Sampling bandwidth and fat suppression. Effects on long TR/TE MRI of the abdomen and pelvis at 1.5 Tesla. AJR 153:419, 1989.
22. Vinitzki S, Mitchell DG, Rifkin MD, **Burk DL Jr**. Improvement in signal to noise ratio and correction of chemical shift and motion induced artifacts by summation of gradient and spin echo data acquisition. JCAT 13:1041, 1989.
23. Mitchell DG, Vinitzki S, **Burk DL Jr**, et al. Variable flip angle spin echo MRI of the pelvis: more versatile T2-weighted images. Radiology 171:525, 1989.
24. Vinitzki S, Szumowski J, Rao VM, **Burk DL Jr**, et al. Fast three dimensional chemical shift magnetic resonance imaging. Proc IEEE Eng Biol Med 11:517, 1989.
25. **Burk DL Jr**, Karasick D, Mitchell DG, Rifkin MD. MR imaging of the shoulder: correlation with plain radiography. AJR 154:549, 1990.

26. Mitchell DG, Vinitzki S, **Burk DL Jr**, et al. Variable flip angle imaging and fat suppression: applications in combined gradient and spin echo (GREASE) technique. Magn Reson Imag 8:131, 1990.
27. Harned EM, Mitchell DG, **Burk DL Jr**, et al. Bone marrow findings on magnetic resonance images of the knee: accentuation by fat suppression. Magn Reson Imag 8:27, 1990.
28. Feld R, **Burk DL Jr**, McCue P, et al. MRI of aggressive fibromatosis: frequent appearance of high signal intensity on T2-weighted images. Magn Reson Imag 8:583, 1990.
29. Vinitzki S, Mitchell DG, Tasciyan TA, Ortega HV, **Burk DL Jr**, Rifkin MD. Optimization of the excitation RF pulse in combined inversion recovery gradient and spin echo (IR-GREASE) technique. Proc IEEE Eng Biol Med 12:82, 1990.
30. Mitchell DG, Vinitzki S, Saponaro S, Tasciyan TA, **Burk DL Jr**, Rifkin MD. The liver and pancreas: improved spin echo T1 contrast by shorter TE and fat suppression at 1.5 Tesla. Radiology 178:67, 1991.
31. **Burk DL Jr**, Torres JL, Marone P, et al. MR imaging of shoulder injuries in professional baseball players. JMRI 1:385, 1991.
32. Siegelman ES, Mitchell DG, Rubin R, Hann HWL, Kaplan KR, Steiner RM, Rao VM, Schuster SJ, **Burk DL Jr**, Rifkin MD. Parenchymal versus reticuloendothelial iron overload in the liver: distinction with MR imaging. Radiology 179:361, 1991.
33. Mitchell DG, Rubin R, Siegelman E., **Burk DL Jr**, Rifkin MD. Hepatocellular carcinoma within siderotic regenerative nodules: appearance as a nodule within a nodule on MR images. Radiology 178:101, 1991.
34. Kaplan KR, Mitchell DG, Steiner RM, Murphy S, Vinitzki S, Rao VM, **Burk DL Jr**, Rifkin MD. Polycythemia vera and myelofibrosis: correlation of MR imaging, clinical, and laboratory findings. Radiology 183:329-334, 1992.
35. Schiffman JS, Lasch HM, Rollag MD, Flanders AE, Brainard GC, **Burk DL Jr**. Effect of magnetic resonance imaging (MRI) on the normal human pineal: Measurement of plasma melatonin. JMRI 4:7-11, 1994.
36. Nguyen T-P, **Burk DL Jr**. Musculoskeletal case of the day. AJR 1995;165:201-206.
37. Spritzer CE, Courneya DL, **Burk DL Jr**, Garrett WE, Strong JA. Medial retinacular complex injury in acute patellar dislocation: MR findings and surgical implications. AJR 1997;168:117-122.
38. Sugarman J, **Burk L**. Physicians' ethical obligations regarding alternative medicine. JAMA 1998;280:1623-1625.
39. **Burk L**. Single session EFT (Emotional Freedom Techniques) for stress-related symptoms after motor vehicle accidents. *Energy Psychology: Theory, Research and Treatment*. 2010;2(1):65-71.
40. **Burk L**. Warning Dreams Preceding the Diagnosis of Breast Cancer: A Survey of the Most Important Characteristics. *Explore: The Journal of Science and Healing*. 2015;11(3):193-198.

**NON-REFEREED PUBLICATIONS:**

1. Recht MP, **Burk DL Jr**, Dalinka MK. Radiography of hand and wrist injuries in athletes. Clinics in Sports Medicine 6:811, 1987.
2. **Burk DL Jr**, Dalinka MK, Kanal E, Brunberg JA. High resolution MR imaging of the knee. In Magnetic Resonance Annual, Kressel HY (ed). Raven Press, New York, NY, 1988.
3. Kanal E, **Burk DL Jr**, Brunberg JA, et al. Pediatric musculoskeletal magnetic resonance imaging. Radiologic Clinics of North America 26:211, 1988.
4. Brunberg JA, Latchaw RE, Kanal E, **Burk DL Jr**, Albright L. Magnetic resonance imaging of spinal dysraphism. Radiologic Clinics of North America 26:181, 1988.
5. **Burk DL Jr**, Dalinka MK, Schiebler ML, et al. Strategies for musculoskeletal MRI. Radiologic Clinics of North America 26:653, 1988.
6. **Burk DL Jr**, Mitchell DG, Rifkin MD, Vinitzki S. Recent advances in MRI of the knee. Radiologic Clinics of North America 28:379, 1990.
7. Steiner RM, Mitchell DG, Rao VM, Murphy S, Rifkin MD, **Burk DL Jr**, et al. Magnetic resonance imaging of bone marrow: diagnostic value in diffuse hematologic disorders. MRI Quarterly 6:17, 1990.
8. **Burk DL Jr**, Karasick D, Wechsler RJ. Imaging of the distal radioulnar joint. Hand Clinics 7:263, 1991.
9. Karasick D, **Burk DL Jr**, Gross GW. Imaging of the traumatized elbow and forearm. Sem Roentgen 26:318, 1991.
10. **Burk DL Jr**. New vistas for Anodyne imagery. Administrative Radiology Journal, July, 1996:38-40.

**PUBLISHED SCIENTIFIC REVIEWS:**

1. **Burk DL Jr**. NMR surface coil imaging of the spine. Magnetic Excitations, Pittsburgh NMR Institute, Pittsburgh, Pennsylvania, Vol. 1, No. 3, 1985.
2. **Burk DL Jr**. Surface coil NMR of the hip and knee. Magnetic Excitations, Pittsburgh NMR Institute, Pittsburgh, Pennsylvania, Vol. 2, No. 1, 1986.
3. **Burk DL Jr**. Musculoskeletal applications of magnetic resonance imaging. Jefferson Orthopedic Journal, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania 18:13, 1989.

**SELECTED ABSTRACTS:**

56. Horowitz BR, Burk DL Jr, Fenlin JM, Bartolozzi AR. Correlation of MRI and arthrography with surgical findings in rotator cuff disease. The Seventh Open Meeting of the American Shoulder and Elbow Surgeons, Anaheim, California, 1991.

57. Schiffman JS, Lasch HM, Rollag MD, Tasciyan T, Flanders A, Brainard GC, Burk DL Jr. Test of MR imaging capacity to suppress plasma melatonin concentrations in normal humans. "1992 SMRI Annual Meeting Printed Program", JMRI (suppl):92, 1992.
58. Schiffman JS, Lasch HM, Rollag MD, Flanders AE, Brainard GC, Burk DL Jr. Effect of magnetic resonance imaging (MRI) on plasma melatonin in normal humans. The First World Congress for Electricity and Magnetism in Biology and Medicine, Abstract Book, p. 74, 1992.
59. Strong JA, Melamed JW, Martinez S, Burk DL, Spritzer CE. MRI of acute and chronic distal biceps tendon injuries. Presented at the 93rd Annual American Roentgen Ray Society Meeting in San Francisco, CA, April 25-30, 1993.
60. Courneya DL, Spritzer CE, Burk Jr. DL, Strong JA. MR imaging of patellofemoral ligament avulsion: A newly recognized medial retinaculum injury. Radiology (suppl) 193(P):289, 1994.
61. Burk DL Jr. Intuitive diagnosis of Ewing sarcoma: Anomaly or paradigm shift? Presented at the 18th Annual Scientific Session, Society of Skeletal Radiology in Tucson, AZ, March 8-11, 1995.
62. Burk DL Jr. Intuitive medical diagnosis of musculoskeletal diseases with radiographic correlation. NIH Conference on Complementary & Alternative Medicine Research Methodology, Bethesda, MD, April 26-28, 1995.
63. Eskinazi D, Laken MP, Burk DL Jr. Medical Training & Education Panel on "Alternative Medicine". The First Annual International Congress on Alternative & Complementary Medicine, Arlington, VA, May 22-26, 1995.
64. Burk DL Jr. Anodyne imagery for musculoskeletal radiologic procedures. Presented at 19th Annual Scientific Session, Society of Skeletal Radiology, Tucson, AZ, March 6-9, 1996.

#### **PROFESSIONAL AWARDS AND SPECIAL RECOGNITION:**

1984	First Prize, Resident Paper Presentation The Pittsburgh Roentgen Ray Society "3D CT of the Acetabulum"
1986	Certificate of Merit, Scientific Exhibit The American Roentgen Ray Society "MRI of Musculoskeletal Tumors at 1.5 Tesla"
1986	Cum Laude, Scientific Exhibit The Radiological Society of North America "1.5 Tesla High Resolution MRI of the Knee"
1988	Cum Laude, Scientific Exhibit The Radiological Society of North America "The Value of MR Imaging in Bone Marrow Reconversion, Extinction and Replacement Syndromes"



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| 1989 | Certificate of Appreciation, Scientific Exhibit<br>The Radiological Society of North America<br>“Radiology of Osteosarcoma: Past,<br>Present and Future”                 |
| 1991 | Charles S. Neer II Award Paper<br>The American Shoulder and Elbow Surgeons<br>“Correlation of MRI and Arthrography<br>with Surgical Findings in Rotator Cuff<br>Disease” |

**Organizations and Participation:**

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| 1988 - 1990 | Musculoskeletal MRI reviewer for Radiology   |
| 1990 - 1991 | Safety and musculoskeletal abstract reviewer<br>for the Society of Magnetic Resonance in<br>Medicine and Society for MRI |
| 1990 - 1995 | Safety Committee<br>Society for Magnetic Resonance Imaging   |