

***Dr. Mark E. Brooks, DSc, PT***

*Board Certified Clinical Electrophysiology*

*Board Certified Orthopedics*

*Point Of Care Ultrasound (POCUS) Certified*

[mark.brooks@praky.net](mailto:mark.brooks@praky.net)

859 221-7604

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## **CURRICULUM VITAE**

### **EDUCATION:**

**Bachelor of Science, Microbiology  
University of Kentucky 1984  
Lexington, KY**

**Master of Science, Microbiology & Pathology  
University of Kentucky 1985  
Lexington, KY**

**Bachelor of Health Science, Physical Therapy  
University of Kentucky 1989  
Lexington, KY**

**Doctor of Science, Clinical Electroneurophysiology  
Rocky Mountain University of Health Professions 2005  
Provo, UT**

### **LICENSURE:**

**Kentucky Physical Therapist  
PT #001746**

**Tennessee Physical Therapist  
PT #9910**

**Indiana Physical Therapist  
PT #05012506A**

**Florida Physical Therapist  
PT #38134**

**BOARD**

**CERTIFICATION:**

**Clinical Electroneurophysiology, #4846  
American Board of Physical Therapy Specialties  
National Board of Medical Examiners  
Expires June 1, 2012  
Recertified May 21, 2012  
Recertified May 30, 2021**

**Orthopedics, #8518  
American Board of Physical Therapy Specialties  
National Board of Medical Examiners  
Expires June 1, 2014  
Recertified June 2014 Expires June 1, 2024**

**PRESENT POSITION:**

**President & Owner  
Chief of Electroneuromyography Laboratory  
Professional Rehabilitation Associates, PSC  
September 1998 to present**

**Partner & Owner  
Chief of Electrodiagnostic Laboratory  
Integrity Diagnostics, PLLC  
January 2020 to present**

**EMPLOYMENT**

**HISTORY:**

**Director of Rehabilitation Services  
Garrard County Memorial Hospital d/b/a  
American Rehabilitation Group  
September 1989 To September 1998**

**Administrator, Garrard Rehabilitation & Wellness  
Center d/b/a American Rehabilitation Group  
June 1996 To September 1998**

**PROFESSIONAL**

**SOCIETIES:**

**American Physical Therapy Association  
1989 To Present**

**Kentucky Physical Therapy Association  
1989 To Present**

**Orthopedic Section, APTA  
1989 To Present**

**American Academy of Disability Examiners**

**1995 To Present**

**Private Practice Section, APTA**

**1996 To Present**

**Academy of Clinical Electrophysiology & Wound  
Management, APTA**

**1998 To Present**

**American Congress of Electroneuromyography**

**2003 To Present**

**Specialization Academy of Content Experts, ABPTS**

**2002 To 2004**

**Treasurer, Academy of Clinical Electrophysiology &  
Wound Management, APTA**

**2021 To Present**

**CLINICAL  
SPECIALITIES:**

**Upper Extremity Electrodiagnostic Testing  
Lower Extremity Electrodiagnostic Testing  
Cervical & Lumbar Spine Electrodiagnostic Testing  
Electrodiagnostic Testing of Polyneuropathy  
Neuromusculoskeletal Ultrasound  
Orthopedic Evaluation & Rehabilitation  
Hand & Upper Extremity Evaluation & Rehabilitation  
Work Injury Prevention & Rehabilitation  
Ergonomic Consultation  
Functional Capacity Evaluation  
Disability & Impairment Evaluation**

**TEACHING  
POSITIONS:**

**Course Director & Instructor, Nursing Program  
Pathology & Infectious Diseases  
Midway College, Midway KY  
1985**

**Teaching Assistant, Department of Microbiology  
Clinical Microbiology & Infectious Disease Processes  
University of KY, Lexington, KY  
1985 To 1989**

**Course Director & Instructor, Physical Therapy  
Assistant Program  
Anatomy & Physiology  
Somerset Community College, University of KY  
Somerset, KY  
1990 To 1993**

**Faculty, Transitional Doctor of Physical Therapy  
Practice Management, Marketing, & Planning  
Rocky Mountain University, Provo UT  
2002 To 2008**

**Faculty, Transitional Doctor of Occupational Therapy  
Practice Management, Marketing, & Planning  
Rocky Mountain University, Provo UT  
2002 To 2008**

**Guest Instructor, Doctor of Physical Therapy Program  
Electromyography & Nerve Conduction Studies  
University of Indianapolis, Indianapolis, IN  
2002 To 2005**

**Instructor, Clinical Electrophysiology Board  
Certification Review Course  
Rocky Mountain University, Provo UT  
2003 To 2019**

**Asst Professor, Clinical Electrophysiology  
Doctorate of Science Program  
Rocky Mountain University, Provo UT  
2004 To 2012**

**Guest Instructor, Dept. of Rehabilitation  
Electromyography & Nerve Conduction Studies  
University of South Alabama, Mobile AL  
2009 To 2010**

**VP of Clinical Education  
Hands on Diagnostics  
2014 To 2018**

**Senior Faculty & Fellowship/Residency Mentor  
HODS/AACE Fellowship & Residency Program in  
Electrodiagnosis  
2018 to 2023**

**Instructor & Coordinator, Clinical Electrophysiology  
Board Certification Review Course  
Integrity Diagnostics, Richmond, KY  
2020 to present**

**PROFESSIONAL  
PRESENTATIONS:**

**13<sup>th</sup> Annual Electroneuromyography Symposium  
H-Reflex of The Median Nerve  
Provo, UT  
March 2002**

**14<sup>th</sup> Annual Electroneuromyography Symposium  
Amyloid Neuropathy, A Case Report  
Provo, UT  
April 2003**

**15<sup>th</sup> Annual Electroneuromyography Symposium  
Sural Neuropathy, A Case Report  
Provo, UT  
March 2004**

**16<sup>th</sup> Annual Electroneuromyography Symposium  
Cervical Spondylitic Myelopathy, A Case Report  
Provo, UT  
March 2005**

**17<sup>th</sup> Annual Electroneuromyography Symposium  
Median H-Reflex, Doctoral Dissertation  
Provo, UT  
March 2006**

**22<sup>th</sup> Annual Electroneuromyography Symposium  
Proposed Grading Scale for Focal Nerve Entrapment  
Provo, UT  
March 2011**

**23<sup>th</sup> Annual Electroneuromyography Symposium  
Assessing Agreement in Focal Nerve Entrapment  
Provo, UT  
September 2012**

**Keynote Speaker, 1<sup>st</sup> Annual HODS Symposium  
Assessment of Severity in Focal Nerve Entrapment  
New York, NY  
September 2014**

**26<sup>th</sup> Annual Electroneuromyography Symposium  
Utility of Electrodiagnostics in Assessment of Weakness  
Provo, UT  
March 2015**

**2<sup>nd</sup> Annual HODS Symposium**  
**Utility of Electrodiagnostics in Assessment of Weakness**  
**New York, NY**  
**September 2015**

**2<sup>nd</sup> Annual HODS Symposium**  
**Optimizing the EMG Screen in Cervical and**  
**Lumbosacral Radiculopathy**  
**New York, NY**  
**September 2015**

**27<sup>th</sup> Annual Electroneuromyography Symposium**  
**Electrodiagnostic Evaluation of Heel Pain**  
**Provo, UT**  
**March 2016**

**Academy of Clinical Electrophysiology & Wound**  
**Management, APTA**  
**Electrodiagnosis of Heel Pain Webinar**  
**Richmond, KY**  
**June 2016**

**3<sup>rd</sup> Annual HODS Symposium**  
**Electrodiagnostic Evaluation of Heel Pain**  
**New York, NY**  
**September 2016**

**Combined Sections Meeting, APTA**  
**Electrodiagnostic Evaluation of Heel Pain**  
**San Antonio, TX**  
**February 2017**

**28<sup>th</sup> Annual Electroneuromyography Symposium**  
**Electrodiagnostic Evaluation of Plantar Foot Pain**  
**Provo, UT**  
**March 2017**

**4<sup>rd</sup> Annual HODS Symposium**  
**Writing the Electrodiagnostic Report**  
**New York, NY**  
**September 2017**

**Combined Sections Meeting, APTA  
Diabetic Peripheral Neuropathy: Electrodiagnosis,  
Assessment & Plan of Care  
San Antonio, TX  
February 2018**

**Combined Sections Meeting, APTA  
Diagnosis, Treatment & Outcomes of 3 Common Lower  
Extremity Nerve Injuries  
San Antonio, TX  
February 2018**

**5<sup>th</sup> Annual HODS Symposium  
Review of Basic & Intermediate NCS Techniques  
New York, NY  
September 2018**

**Combined Section Meeting, APTA  
Decoding the Shoulder Problem: Neural vs Non Neural  
Pathology  
Washington DC  
January 2019**

**6<sup>th</sup> Annual HODS Symposium  
The Electrodiagnostic Report  
Atlanta, GA  
September 2019**

**Combined Section Meeting, APTA  
Integration of Clinical Exam, Diagnostic Testing &  
Treatment, Part 1: Cervical Radiculopathy  
Denver, CO  
February 2020**

**Combined Section Meeting, APTA  
Integration of Clinical Exam, Diagnostic Testing &  
Treatment, Part 2: Neuropathies of the Upper Limb  
Denver, CO  
February 2020**

**7<sup>th</sup> Annual HODS Symposium (Virtual)  
Integrating Clinical Examination Findings w EDX in  
Upper Extremity Focal Neuropathy: A Case Report  
Series  
September 2020**



**Combined Section Meeting, APTA  
Integration of Clinical Exam, Diagnostic Testing &  
Treatment, Part 1: Lumbar Radiculopathy  
Virtual  
February 2021**

**8<sup>th</sup> Annual HODS Symposium  
Integrating Clinical Examination Findings w EDX in  
Lower Extremity Focal Neuropathy: A Case Report  
Series  
San Antonio, TX  
September 2021**

**9<sup>th</sup> Annual HODS Symposium  
Integrating Clinical Examination Findings w EDX in  
Upper Extremity Focal Neuropathy: A Case Report  
Series  
Clearwater, FL  
September 2022**

**Continuing Education  
Courses Taught:**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2004**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2005**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2006**

**Rocky Mountain University of Health Professions  
Basic ENMG Course  
Lexington, KY  
April-July 2006**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2007**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2008**

**Rocky Mountain University of Health Professions  
Basic ENMG Course  
Lexington, KY  
April-July 2008**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2009**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2010**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2011**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2012**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2013**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2014**

**Hands on Diagnostic Services  
ECS Preparatory Course  
New York, NY  
October 2014**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
Chandler, AZ  
November 2014**

**Hands on Diagnostic Services  
Intermediate Nerve Conduction & Electromyography  
Course  
New York, NY  
December 2014**

**Hands on Diagnostic Services  
ECS Preparatory Course  
New York, NY  
January 2015**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2015**

**Hands on Diagnostic Services  
Intermediate Nerve Conduction & Electromyography  
Course  
Chandler, AZ  
January 2015**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
February 2015**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
Delray Beach, FL  
March 2015**

**Hands on Diagnostic Services  
ECS Preparatory Course  
New York, NY  
October 2015**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
October 2015**

**Hands on Diagnostic Services  
Intermediate Nerve Conduction & Electromyography  
Course  
New York, NY  
November 2015**

**Hands on Diagnostic Services  
Advanced Nerve Conduction & Electromyography  
Course  
New York, NY  
December 2015**

**Hands on Diagnostic Services  
ECS Preparatory Course  
New York, NY  
January 2016**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2016**

**Hands on Diagnostic Services  
Intermediate Nerve Conduction & Electromyography  
Course  
New York, NY  
March 2016**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
June 2016**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
August 2016**

**Hands on Diagnostic Services  
Intermediate Nerve Conduction & Electromyography  
Course  
New York, NY  
October 2016**

**Hands on Diagnostic Services  
Advanced Nerve Conduction & Electromyography  
Course  
New York, NY  
December 2016**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2017**

**Hands on Diagnostic Services  
ECS Preparatory Course  
New York, NY  
January 2017**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
April 2017**

**Hands on Diagnostic Services  
Intermediate Nerve Conduction & Electromyography  
Course  
New York, NY  
June 2017**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
Cheyenne, WY  
July 2017**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
August 2017**

**Hands on Diagnostic Services  
Intermediate Nerve Conduction & Electromyography  
Course  
Cheyenne, WY  
October 2017**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
October 2017**

**Hands on Diagnostic Services  
ECS Preparatory Course  
New York, NY  
December 2017**

**Hands on Diagnostic Services  
Advanced Nerve Conduction & Electromyography  
Course  
New York, NY  
December 2017**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2018**

**Hands on Diagnostic Services  
ECS Preparatory Course  
New York, NY  
February 2018**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
Sellersburg, IN  
February 2018**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
March 2018**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
June 2018**

**Hands on Diagnostic Services  
Basic Nerve Conduction & Electromyography Course  
New York, NY  
August 2018**

**Hands on Diagnostic Services  
Intermediate Nerve Conduction & Electromyography  
Course  
New York, NY  
August 2018**

**HODS/AACE  
Stage I Fellowship/Residency Program Training  
New York, NY  
October 2018**

**HODS/AACE  
Stage II Fellowship/Residency Program Training  
New York, NY  
November 2018**

**HODS/AACE  
Stage IV Fellowship/Residency Course  
New York, NY  
December 2018**

**HODS/AACE  
Stage I Fellowship/Residency Course  
New York, NY  
February 2019**

**HODS/AACE  
Stage II Fellowship/Residency Course  
New York, NY  
March 2019**

**HODS/AACE  
Stage I Fellowship/Residency Course  
New York, NY  
May 2019**

**HODS  
ECS Preparatory Course  
New York, NY  
November 2019**

**Rocky Mountain University of Health Professions  
ECS Preparatory Course  
Provo, UT  
January 2020**

**HODS  
ECS Preparatory Course  
New York, NY  
February 2020**

**HODS/AACE  
Stage I Fellowship/Residency Course  
New York, NY  
January 2020**

**HODS/AACE  
Stage II Fellowship/Residency Course  
New York, NY  
March 2020**



**Integrity Diagnostics  
ECS Preparatory Course  
Richmond, KY  
January 2021**

**Integrity Diagnostics  
ECS Preparatory Course  
Richmond, KY  
January 2022**

**Integrity Diagnostics  
Neural Ultrasound Imaging Basic Course  
Richmond, KY  
June 2022**

**HODS/AACE  
Stage I Fellowship/Residency Course  
New York, NY  
July 2022**

**HODS/AACE  
Stage II Fellowship/Residency Course  
New York, NY  
September 2022**

**Integrity Diagnostics  
ECS Preparatory Course  
Richmond, KY  
January 2023**

**HODS/AACE  
Stage II Fellowship/Residency Course  
New York, NY  
February 2023**

**PROFESSIONAL  
PUBLICATIONS:**

**Brooks, ME & NL Goodman. Scanning electron microscopy of the deposition of conidia of *Histoplasma capsulatum* in the respiratory tracts of mice. *Sabourodia* 39:157-163, 1986**

**Brooks, ME, Smith, EM, & DP Currier. Effect of longitudinal versus transverse electrode placement on torque production by the quadriceps femoris during neuromuscular electrical stimulation. *JOSPT* 11:530-534, 1990**

**RESEARCH  
INTERESTS:**

**H-Reflexes of The Upper Extremity**

**Nerve Conduction Studies of the Upper Extremity**

**Sensitivity & Specificity of Physical Examination Techniques in Neurodiagnostics**

**Assessment of Focal Nerve Entrapment Severity; Neuropathy Severity Grading Scales**

**Electrodiagnosis of Conditions Affecting the Foot and Ankle**

**Neural Diagnostic Ultrasonography**

**AWARDS:**

**2014 Hands On Diagnostics Colleague of the Year**

**2019 Academy of Clinical Electrophysiology & Wound Management, Award of Excellence in Clinical Electrophysiology**

**CONTINUING  
PROFESSIONAL  
EDUCATION:**

- 1989 Biomechanical Evaluation & Treatment of The Foot**
- 1989 Functional Capacity Evaluation & Work Hardening**
- 1990 Blankenship Level I Functional Capacity Evaluation**
- 1990 Cervical Spine Evaluation & Treatment**
- 1990 Florence Kendall Manual Muscle Testing**
- 1991 Diagnosis & Treatment of Muscle Imbalances**
- 1991 Blankenship Certified Work Capacity Evaluator**
- 1992 Industrial Back Injury Prevention**
- 1992 Reducing Injuries in The Workplace**
- 1993 Work Injury Prevention & Consultation**
- 1994 Diagnosis & Treatment of Pelvic Girdle Dysfunction: Muscle Energies**
- 1995 Update on Work Hardening & Conditioning**
- 1996 Back to Golf Seminar**
- 1997 Treatment of Shoulder Dysfunction**
- 1998 Lumbar Stabilization & Strengthening**
- 2000 Introduction to Nerve Conduction Testing**
- 2000 Electromyography Fall Conference Update**
- 2001 APTA SCE Electromyography & NCS Course, Part I**
- 2001 APTA SCE Electromyography & NCS Course, Part II**
- 2001 University of KY Endnote Course**
- 2002 HIPAA Seminar for Practicing Professionals**
- 2003 Orthopedic Board Certification Review Course**

- 2008 Dry Needle Techniques, Louisville, KY**
- 2008 Billing & Coding for The Electrodiagnostic Practice, AANEM**
- 2008 Electrodiagnosis for Polyneuropathy, AANEM Continuing Education**
- 2008 Electrodiagnosis for Peripheral Nerve Injuries, AANEM Cont. Education**
- 2010 Writing the Electrodiagnostic Report, AANEM Cont. Education**
- 2012 Nerve Entrapments of the Upper Extremity, Diagnosis & Treatment**
- 2003-2022 APTA Combined Sections Meetings**
- 2002-2020 Annual ENMG Symposium, Provo UT**
- 2014-2022 Annual HODS Symposium, New York, NY**
- 2018 Musculoskeletal Ultrasound of the Lower Extremity**
- 2019 Musculoskeletal Ultrasound of the Upper Extremity**
- 2021 Neuromusculoskeletal Ultrasound of Peripheral Nerves**

**OUTSIDE**

**INTERESTS:**

- Golf**
- Taekwondo**
- Aikido**
- Competitive Shooting**