

Curriculum Vitae

Faren H. Williams, MD, MS

Office Address: Philadelphia Veterans Administration Medical Center
University and Woodland Avenues
Philadelphia, PA 19104

Education: 1972 B.S., cum laude Albright College
1973 M.S., Nutrition University of Maryland
1983 M.D. Wright State University
1987 Masters of Rehabilitation Medicine University of Washington

Postgraduate Training and Fellowship Appointments:

1983-84 Internship, Internal Medicine, Christ Hospital,
Cincinnati, Ohio
1984-87 Residency in Physical Medicine and Rehabilitation,
Department of Physical Medicine and Rehabilitation,
University of Washington, Seattle, WA

Faculty Appointments:

1978-79 Instructor in Nutrition, Department of Nutrition,
School of Medicine, Case Western Reserve University,
Cleveland, OH
1987-90 Assistant Professor, Department of Rehabilitation Medicine,
Univ. of Kentucky College of Medicine, Lexington, KY
1991-98 Clinical Assistant Professor
Department of Rehabilitation Medicine
University of Washington, Seattle, WA
1998- Clinical Associate Professor
Department of Rehabilitation Medicine
University of Washington, Seattle, WA
1999-2001 Clinical Associate Professor,
2001-Present Adjunct Clinical Associate Professor
Temple University School of Medicine, Philadelphia, PA
2001-Present Clinical Associate Professor,
Jefferson Medical College, Philadelphia, PA
2002- Assistant Professor, Rehabilitation Medicine,
University of Pennsylvania, Philadelphia, PA

Hospital and Administrative Appointments:

- 1972-73 Graduate Assistant, Nutrition, University of Maryland, College Park, MD
- 1972-74 Research Nutritionist, U.S. Department of Agriculture Human Nutrition Institute, Beltsville, MD
- 1973 Clinical Nutrition Trainee
Affiliated Program for Child Development, Georgetown University, Washington, D.C.
- 1975-78 Public Health Nutritionist, Administration, W.I.C. Head Start Nutrition Consultant
Akron Health Department, Akron, Ohio
- 1978-79 Neonatal Nutritionist/Coordinator,
Department of Pediatrics,
Rainbow Babies and Childrens Hospital, Cleveland, OH
- 1985-87 House Staff Committee, University of Washington, Seattle, WA
- 1987-90 Medical Staff, Cardinal Hill Hospital, Lexington, KY
- 1987-90 Medical Staff, University of Kentucky, Lexington, KY
- 1987-90 Medical Staff, Veterans Administration Medical Center Lexington, KY
- 1987-90 Committee Member, University of Kentucky, Lexington, KY:
 - Research Committee
 - Education Committee (Chair)
 - House Staff Committee
 - Internal Rehabilitation Medicine Review Committee, 1988
 - Internal Family Practice Review Committee (Chair), 1989
 - Geriatric Fellowship Advisory Committee, Sanders-Brown Center for Aging
- 1988-90 Medical Consultant
Kentucky Commission for Handicapped Children, Lexington, KY
- 1988-90 Committee Member, Cardinal Hill Hospital, Lexington, KY:
 - Quality Assurance
 - Pharmacy
 - Patient Care
 - Research
 - Amputee
 - Secretary of Medical Staff
 - Executive and Credentials
- 1989-90 Associate of the Sanders-Brown Center for Aging, University of Kentucky, Lexington, KY
- 1990 Medical Staff, Shriner's Hospital, Lexington, Kentucky

- 1990-98 Medical Staff, Virginia Mason Medical Center, Seattle, WA
- 1990-98 Co-Director, Neurophysiology Laboratory, Virginia Mason Clinic, Seattle, WA
- 1990-98 Physician Member, Dysphagia Team, Virginia Mason Clinic, Seattle, WA
- 1994-97 Physician Member, Managed Care Readiness Initiative Committee, Virginia Mason Clinic, Seattle, WA
- 1995-98 Medical Staff, Group Health Cooperative, Seattle, WA
- 1996-98 Medical Staff, Evergreen Hospital, Kirkland, WA
- 1996-98 Physician Member, Task Force for Management of Geriatric Care, Virginia Mason Clinic, Seattle, WA
- 1997-98 Medical Staff, Veteran's Administration Medical Center, Seattle, WA
- 1998-2001 Active Medical Staff, Albert Einstein Medical Center, Philadelphia, PA
- 1999-2001 Co-Director, Electrodiagnostic Laboratory, Moss Rehab.
- 1998-2001 Director, Acute Consultative Service, PM&R Moss Rehabilitation Associates, Philadelphia, PA
- 2001- Chief, PM&R, Veterans Administration Medical Center, Philadelphia, PA
- 2001- PM&R Residency Administrator, VAMC/University of Pennsylvania, Philadelphia, PA
- 2001- Medical Director, VAMC Inpatient Rehabilitation, Philadelphia, PA
- 2001- Director of Electrodiagnostic Medicine, VAMC Physical Medicine & Rehabilitation Section Philadelphia, PA
- 2001- Member, Medical Executive Committee, VAMC, Philadelphia, PA
- 2001- Chair, Durable Medical Equipment Committee, VAMC, Philadelphia, PA
- 2001- Chair, Home Improvement and Structural Alterations Committee, VAMC, Philadelphia, PA
- 2001- Active Medical Staff, VA Medical Center, Philadelphia, PA
- 2001- Active Medical Staff, University of Pennsylvania, Philadelphia, PA
- 2002- Alternate Member, Long Term Care and Assisted Living Accreditation Program, Professional Technical Advisory Committee (PTCA), For JACHO
- 2004- National VA Strategic Planning Task Force for Recruitment and Retention of Psychiatrists
- 2004- National VA Task Force for Telemedicine in PM&R

Specialty Certification:

Registered Dietitian (R.D.),
R382641
Diplomate, National Board of Medical Examiners,
Certificate No. 278924
1988 American Board of Physical Medicine and Rehabilitation,
Certificate No.1430
1990 American Board of Electrodiagnostic Medicine,
Certificate No. 2969

Licensure:

Kentucky	No. 25450
Washington	No. MD00021930
Pennsylvania	No. MD066780-L
New Jersey	No. MA 69324

Awards, Honors and Membership in Honorary Societies:

1969	Omicron Nu
1969	Outstanding Freshman Award, Berks County, PA
1970	Pennsylvania Regional Council on Alcoholism, Public Speaking Award
1971-72	Dean's Academic Award, Albright College

Memberships in Professional and Scientific Societies:

National Societies:

American Medical Association, 1987 - Present
DATTA (Diagnostic and Therapeutic Technology Assessment),
Panel-Expert consultant - Electrodiagnosis
American Academy of Physical Medicine & Rehabilitation
Medical Education Committee, 1994-96
Neurophysiology SIG
Chair of Program Committee for 1994 Neurophysiology Course
Secretary for 1996
President-Elect 1998 & 2002
President 1999 & 2003-4
Study Guide Committee
Chair – EMG Study Guide 2005
PASSOR (Physiatric Association for Spine, Sports, & Occupational
Rehabilitation)
Bylaws Committee, 1996

- American Association of Electrodiagnostic Medicine (AAEM)
 - Quality Assurance Committee, 1990-93
 - Research Committee, 1993-96
 - Economics of Practice Committee, 1996-98
 - Professional Practice Committee, 1998-2002
 - Chair, Subcommittee on Positions Statements, 2001-03
 - Washington State Liaison to the AAEM Professional Practice Committee, 1991-98
 - Marketing Committee 2002- Present
 - Liaison to AAPM&R, 1999-Present
 - Liaison to Washington State, 1996-98
 - Oral Examiner for ABEM, 1991, 1992, 1993, 1994, 1999, 2000, 2002, 2004, 2005
- Association of Academic Physiatrists, 1988-Present
 - Residency Program Director's Committee Chair, 1989
 - Washington Legislative Liaison 1996-1998
 - VA National Research and Education Committee, 2004-Present

Local Societies:

- Washington State Medical Association, Medicaid Committee, 1994-97
- King County Medical Association, State of Washington, 1990-98
- Washington State Physical Medicine and Washington Rehabilitation Association, 1990 - 1998
 - State Meeting - Program Committee, 1993
 - State Meeting - Program Committee, 1994
 - State Meeting - Program Committee, Chair, 1995
 - Executive Committee, 1993 - 1995

National Scientific Committees:

Local Scientific Committees:

Editorial Positions: Editorial Board, Positive Waves (AAEM publication)

Academic Committees at the University of Pennsylvania and Affiliated Hospitals:

- 2001- PM&R VA Residency Oversight Committee
VAMC/University of Pennsylvania, Philadelphia, PA
- 2001-2004 Education Committee, Department of Rehabilitation Medicine,
University of Pennsylvania, Philadelphia, PA
- 2001- Leadership Committee, Department of Rehabilitation Medicine,
University of Pennsylvania, Philadelphia, PA

2004- U Penn Medicine – Women’s focus group advisory council

Major Teaching and Clinical Responsibilities at the University of Pennsylvania and Affiliated Hospitals:

1. PM&R Residency Administrator, VAMC, Philadelphia, PA
2. Attending Rounds at HUP – 2 months per year
3. EMG Curriculum for PM&R Residents, University of Pennsylvania

Lectures by Invitation:

Williams, F.H. Ulnar Nerve: Practice Parameters. Fourteenth Annual Short Course in Physical Medicine and Rehabilitation, Madigan Army Medical Center, Tacoma, WA, April 16, 1998.

Williams, F.H., Prather, H., and Wallace, Kathe. Assessment and Management of Pelvic Floor Pain Including Electrodiagnosis and Treatment. American Academy of Physical Medicine & Rehabilitation Annual Meeting, Seattle, WA, November 5, 1998.

Williams, F.H., Wertsch, J., and Hunt, T. Technical Difficulties in Electrodiagnostic Evaluation of the Ulnar Nerve. American Academy of Physical Medicine & Rehabilitation Annual Meeting, Seattle, WA, November 7, 1998.

Williams, F.H. Carpal Tunnel Syndrome: Evaluation in Different Practice Settings. American Academy of Physical Medicine & Rehabilitation Annual Meeting, Seattle, WA, November 7, 1998.

Williams, F.H. Diabetic Amyotrophy: A Case Presentation. Grand Rounds. Residents in Physical Medicine & Rehabilitation, Temple University, Philadelphia, PA, January 6, 1999.

Williams, FH, and Hunt, T. Ulnar Nerve: Challenging Cases from a Combined Surgical and Physiatric Perspective, American Academy of Physical Medicine & Rehabilitation Annual Meeting, Washington, D.C., Friday, November 12, 1999.

Williams, FH. Neurophysiology Evaluation of Carpal Tunnel Syndrome: Challenges in Interpretation of Data. American Academy of Physical Medicine & Rehabilitation Annual Meeting, Washington, D.C., Saturday, November 13, 1999.

Williams, FH, et al. Pelvic Floor Disorders: Multidisciplinary Evaluation and Treatment, Including Incontinence. American Academy of Physical Medicine & Rehabilitation Annual Meeting, Washington, D.C., Saturday, November 13, 1999.

Williams, FH. Practice Parameters for Ulnar Neuropathy. 16th Annual Physical Medicine & Rehabilitation Update, Park City, Utah, Monday, January 31, 2000.

- Williams, FH. Update on Carpal Tunnel Syndrome. Moss Rehabilitation Associates. Monthly Lecture Series, Philadelphia, PA, February 8, 2000.
- Williams, FH. Upper Extremity Entrapments. 27th Annual Course in Electrodiagnosis and Clinical Electrophysiology. Jefferson Medical College, Philadelphia, PA, Friday, March 10, 2000.
- Williams, FH. Anomalous Innervation. Breakfast Session. American Association of Electrodiagnostic Medicine Annual Meeting, Philadelphia, PA, September 16, 2000.
- Williams, FH. Challenging Electrodiagnostic Evaluations: Radial Nerve vs. Posterior Interosseous Nerve Lesions. American Academy of Physical Medicine and Rehabilitation Annual Meeting, San Francisco, CA, November 4, 2000.
- Williams, FH. Neurophysiological Evaluation of Carpal Tunnel Syndrome: Common Technical Errors Which Lead to Mis-Interpretation. American Academy of Physical Medicine and Rehabilitation Annual Meeting, San Francisco, CA, November 4, 2000.
- Williams, FH. Sensory Nerve Studies in the Upper Extremity: Applications of Less Commonly Studied Ones. American Academy of Physical Medicine and Rehabilitation Annual Meeting, San Francisco, CA, November 4, 2000.
- Williams, FH. Challenging Electrodiagnostic Cases: Radial Nerve Lesions, Seventeenth Annual Physical Medicine and Rehabilitation Update, Park City, UT, February 5, 2001.
- Williams, FH. Upper Extremity Entrapments, 28th Annual Course in Electrodiagnostic Medicine and Clinical Neurophysiology, Jefferson Medical College, Philadelphia, PA, March 10, 2001.
- Williams, FH. Clinical Pathophysiology of Electrodiagnosis, Drexel University Biomedical Engineering Students, Philadelphia, PA, April 19, 2001.
- Williams, FH. Carpal Tunnel Syndrome Update, Grand Rounds, Philadelphia Veterans Administration Medical Center, Philadelphia, PA, January 16, 2002.
- Williams, FH. Workup of a Patient with Parsonage-Turner Syndrome, University of Utah Eighteenth Annual Physical Medicine and Rehabilitation Update, Park City, UT, January 28, 2002.
- Williams, F.H. Electrodiagnostic Workup of Patient with Carpal Tunnel Syndrome, Veterans Administration Leadership Group, Philadelphia, PA, April 18, 2002.
- Williams, F.H. Upper Extremity Entrapments, 29th Annual Course in Electrodiagnostic Medicine and Clinical Neurophysiology, Philadelphia, PA, June 7, 2002.

- Williams, F.H. Ulnar Techniques – Workshop (Break out Session), 29th Annual Course in Electrodiagnostic Medicine and Clinical Neurophysiology, Philadelphia, PA, June 7, 2002.
- Williams, F.H. Introduction to EMG, Resident Didactics, University of Pennsylvania, Philadelphia, PA, July 10, 2002.
- Williams, F.H. Challenging Electrodiagnostic Cases: Lumbo-sacral plexopathy vs. Radiculopathy, Dinner Seminar, American Association of Electrodiagnostic Medicine, 49th Annual Scientific Meeting, Toronto, Ontario, Canada, October 9, 2002.
- Williams, F.H. Evaluation and Treatment of Carpal Tunnel: A Rheumatological and Surgical Perspective, Rheumatology Grand Rounds, University of Pennsylvania, Philadelphia, PA, November 4, 2002.
- Williams, F.H. Overview of Nerve Conduction Studies, University of Pennsylvania Rehabilitation Resident and Resident Applicants, University of Pennsylvania, Philadelphia, PA, November 13, 2002.
- Williams, F.H. Challenging Electrodiagnostic Evaluations: Radial nerve vs. Posterior Interosseous Nerve Lesions, American Academy of Physical Medicine and Rehabilitation, 63rd Annual Assembly, Orlando, FL, November 22, 2002.
- Williams, F.H. Sensitive Electrodiagnostic Techniques for Evaluating Carpal Tunnel Syndrome: Common Technical Pitfalls and Errors in Interpretation of Data, American Academy of Physical Medicine and Rehabilitation, 63rd Annual Assembly, Orlando, FL, November 22, 2002.
- Williams, F.H. Pelvic Floor Electrodiagnosis and Evaluation of Urinary Incontinence, American Academy of Physical Medicine and Rehabilitation, 63rd Annual Assembly, Orlando, FL, November 23, 2002.
- Williams, F.H. Peripheral nerve Injuries: Electrodiagnosis: An Overview, University of Pennsylvania, Department of Rehabilitation Medicine Course on Peripheral Nerve Trauma, Philadelphia, PA, December 7, 2002.
- Williams, F.H. Carpal Tunnel Review, Department of Rehabilitation Medicine residents, University of Pennsylvania, Philadelphia, PA, December 11, 2002.
- Williams, F.H. Workshop: Carpal tunnel techniques, Department of Rehabilitation Medicine residents, University of Pennsylvania, Philadelphia, PA, December 18, 2002.

- Williams, F.H. Lower extremity nerve entrapments, Rehabilitation Department of Rehabilitation Medicine residents, University of Pennsylvania, Philadelphia, PA, January 15, 2003.
- Williams, F.H. Workup of the Patient with Lumbo-Sacral Plexopathy, University of Utah, Nineteenth Annual Physical Medicine and Rehabilitation Update, Park City, UT, February 2, 2003.
- Williams, F.H. Brachial Plexus Lesions, Jefferson Medical College 30th Annual Course in Electrodiagnostic Medicine, Philadelphia, PA, February 28, 2003.
- Williams, F.H. Challenging Electrodiagnostic Cases: Case Study Design and Interpretation of Data, 64th American Academy of Physical Medicine and Rehabilitation Annual Assembly, Chicago, IL, October 10, 2003.
- Williams, F.H. Sensitive Electrodiagnostic Techniques for Evaluating Carpal Tunnel Syndrome: Differentiating Mild from Severe Carpal Tunnel Syndrome, 64th American Academy of Physical Medicine and Rehabilitation Annual Assembly, Chicago, IL, October 10, 2003.
- Williams, F.H. Neurophysiology for Bladder Problems, 64th American Academy of Physical Medicine and Rehabilitation Annual Assembly, Chicago, IL, October 11, 2003.
- Williams, F.H. University of Utah, . Carpal tunnel severity by electrodiagnosis. PM&R Update Park City, Utah, January 31, 2004.
- Williams, F.H. Nerve entrapments. Jefferson Medical College, 31st EMG course. Philadelphia, Pa. April 1, 2004.
- Williams, F.H. Pelvic Floor Evaluations by Physiatrists: Women's and Men's Health Neurophysiology Evaluation of the Pelvic Floor, 65th American Academy of Physical Medicine and Rehabilitation. Phoenix, Arizona, October 7, 2004.
- Williams, F.H. Challenging Electrodiagnostic Cases: Study Design and Interpretation of Data. 65th American Academy of Physical Medicine and Rehabilitation. Phoenix, Arizona, October 7, 2004.
- Williams, F.H. Electrodiagnostic Techniques for Evaluating Carpal Tunnel Syndrome and Practical Interpretations for the Referring Physicians, Session I & II. 65th American Academy of Physical Medicine and Rehabilitation. Phoenix, Arizona, October 8, 2004.
- Williams, F.H. Evaluating Ulnar Nerve Problems Electrodiagnostically: Technical Dilemmas, Session I & II. 65th American Academy of Physical Medicine and Rehabilitation. Phoenix, Arizona, October 8, 2004.

- Williams, F.H. Carpal tunnel syndrome: techniques for diagnosis. Workshop. American Association of Electrodiagnostic Medicine, Savannah, Georgia, November 4, 2004.
- Williams, F.H. Multi-level L/S radiculopathy versus critical care neuropathy. 21th Annual PM&R Update. Park City, Utah, February 5, 2005.
- Williams, F.H. 32nd Annual Course in Electrodiagnostic Medicine and Clinical Neurophysiology. Case Studies. Thomas Jefferson University. Philadelphia, Pa. March 11, 2005.

Organizing Roles in Scientific Meetings:

- Association of Academic Physiatrists,
Program Chairman - Residency Director's Program,
1991 National Meeting
- Washington State Physical Medicine and Washington Rehabilitation
Association, 1990 - 1998
State Meeting - Program Committee, 1993
State Meeting - Program Committee, 1994
State Meeting - Program Committee, Chair, 1995
- Association of Academic Physiatrists
Program Chairman - Residency Director's Program,
1991 National Meeting
- Annual Meeting of the American Academy of Physical Medicine and
Rehabilitation, Moderator of Nerve and Muscle Diseases, 1993
- American Academy of Physical Medicine & Rehabilitation
Neurophysiology SIG
Chair of Program Committee for 1994 Neurophysiology Course
- American Medical Association
DATTA (Diagnostic and Therapeutic Technology Assessment),
Panel-Expert consultant – Electrodiagnosis
- American Academy of Physical Medicine and Rehabilitation
Annual Meeting, Moderator of Special Topics in Neurophysiology –
Evaluation of the Patient Following Trauma, Life-Threatening Illness,
or Surgery, Anaheim, CA, 1994
- American Academy of Physical Medicine and Rehabilitation
Annual Meeting, Moderator of Neurophysiological Evaluation of the
Peripheral Nervous System Through the Life Span, Anaheim, CA, 1994
- American Academy of Physical Medicine and Rehabilitation 64th Annual
Assembly, Moderator of Pelvic Floor Evaluations by Physiatrists,
Chicago, Illinois, 2003

American Academy of Physical Medicine and Rehabilitation 65th Annual Assembly, Moderator of Pelvic Floor Evaluations by Psychiatrists: Women's and Men's Health. Phoenix, Arizona 2004

American Academy of Physical Medicine and Rehabilitation 65th Annual Assembly, Moderator of Challenging Electrodiagnostic Cases: Study Design and Interpretation of Data. Phoenix, Arizona 2004.

Bibliography:

Research Publications, peer reviewed (print or other media):

- (Mitman)Williams FH, Wolf RR, Kelsay JL, Prather ES: Urinary chromium levels of nine young women eating freely chosen diets. *Jnl of Nutrition* 105: 64-68, 1975.
- Williams FH, Pittard W: Human milk banking: Practical concerns for feeding premature infants. *Jnl Amer Dietetic Assn* 79: 565, 1981.
- Anderson DM, Williams FH, Merkat RB, Schulman PK, Kerr DS, Pittard WB: Length of gestation and nutritional composition of human milk. *Am J Clin Nutr* 37: 810, 1983.
- Lindahl JA, Williams FH, Newman SL: Small bowel obstruction in chronic granulomatous disease. *Jnl of Pediatric Gastroenterology & Nutrition* 3(4): 637-40, 1984 Sep.
- Williams F, Nelms D, McGaharan K: Brain abscess: A rare complication of halo usage. *Archives of Physical Medicine and Rehabilitation* 73:(5), 490, 1992.
- Phillips II LH, Williams FH: Are nerve conduction studies useful for monitoring the adequacy of renal dialysis? *Muscle & Nerve* 16: 970-974, 1993.
- Jablecki CK, Andary MT, So YT, Wilkins DE, Williams FH: Literature review of the usefulness of nerve conduction studies and electromyography for the evaluation of patients with carpal tunnel syndrome. *Muscle & Nerve* 16: 1392-1414, 1993.
- Williams FH, Maly BJ: Pain rehabilitation. 3. Cancer pain, pelvic pain and age related considerations. *Arch Phys Med Rehabil*, 75: S-15 - S 20, May 1994.
- Dean B, Williams FH: Pain rehabilitation. 4. therapeutic options in pain management.. *Arch Phys Med Rehabil*, 75: S - 21 - S 30, May 1994.
- Jablecki CK, Andary MT, Di Benedetto M, Horowitz SH, Marino RJ, Rosenbaum RB, Shields RW Jr, Stevens JC, Williams FH: American Association of Electrodiagnostic Medicine guidelines for outcome studies in electrodiagnostic medicine. *Muscle & Nerve* 19(12): 1626-35, 1996 Dec.
- Campbell, WW, Carroll, DJ, Greenberg, MK, Drendel, DA, Pridgeon RM., Sitaram, KP, and Williams, FH. Literature Review of the Usefulness of Nerve Conduction

Studies and Electromyography in the Evaluation of Patients with Ulnar Neuropathy at the Elbow. *Muscle and Nerve*, Supple. 8, S175-205, 1999.

Campbell, WW, Carroll, DJ, Greenberg, MK, Drendel, DA, Pridgeon, RM, Sitaram, KP, and Williams, FH. Practice Parameter for Electrodiagnostic Studies in Ulnar neuropathy at the Elbow: Summary Statement, *Muscle and Nerve*, March 1999, pages 408-411.

Contributions to peer-reviewed clinical research publications, participation cited but not by authorship:

Research Publications, non-peer reviewed:

Kelsay JL, Behall KM, (Mitman)Williams FH: Effect of sucrose intake on blood and urinary lactate in young women. *Nutrition Reports International* 14 (3): 179-85, 1976.

Andary M, Williams FH: Carpal tunnel syndrome: Sensitive techniques for diagnosis. American Association of Electrodiagnostic Medicine Workshop, October 1993.

American Association of Electrodiagnostic Medicine Quality Assurance Committee (FH Williams Committee Member): Practice parameter for electrodiagnostic studies in carpal tunnel syndrome: Summary statement. *Muscle & Nerve* 16: 1390-1391, 1993.

American Association of Electrodiagnostic Medicine Quality Assurance Committee (FH Williams Committee Member): Practice parameter for electrodiagnostic studies in carpal tunnel syndrome (summary statement). *Neurology* 43: 2404-2405, 1993.

American Association of Electrodiagnostic Medicine Quality Assurance Committee (FH Williams Committee Member): Practice parameter for electrodiagnostic studies in carpal tunnel syndrome: Summary statement. *Arch Phys Med Rehabil* 75: 124-125, January 1994.

American Association of Electrodiagnostic Medicine Quality Assurance Committee (FH Williams Committee Member): Practice Parameters for Electrodiagnostic Studies in Ulnar Neuropathy at the Elbow: Summary Statement. *Muscle & Nerve* 22: 408-411, 1999.

Williams, FH, and M Andary. Carpal Tunnel Syndrome: Techniques for Diagnosis. American Association of Electrodiagnostic Medicine Workshop, October 2001.

Abstracts:

(Mitman)Williams FH, Wolf WR, Kelsay JL, Prather ES: Influence of dietary sucrose on urinary excretion of chromium (abstract). Federation Proceedings, Atlantic City, New Jersey, 2540, 1974.

Wolf WR, Green FE, (Mitman)Williams FH: Determination of urinary chromium by low temperature ashing--flameless atomic absorption (abstract). Federation Proceedings, Atlantic City, New Jersey, 2540, 1974.

Holt, K, Young B, Ott L, Williams F, Phillips R, Rapp R, Dempsey R, Tibbs P, McClain CJ: The effect of zinc supplementation on zinc status after head injury. American Journal of Physical Medicine and Rehabilitation, 68:(4), p. 207, August 1989.

Williams F, Nelms D, McGarahan F: Brain Abscess: A rare complication of halo usage. American Academy of Physical Medicine and Rehabilitation. 52nd Annual Assembly, October 1990.

Williams F, Henderson J, Harston P: Gastrointestinal tract fistula: Unusual cause of spinal epidural abscess. American Academy of Physical Medicine and Rehabilitation, 52nd Annual Assembly, October 1990.

Williams F, Phillips R, Holt K, McClain C: Metabolic response to spinal cord injury. ASPEN, San Francisco, California, January 28, 1991.

Williams F, Downey D, Manos P, Herd L, Dralle A: Rehabilitation of a quadrilateral amputee. Archives of Physical Medicine and Rehabilitation, 72:9/91, 783.

Williams F, Phillips R, Holt K, McClain C: Spinal cord injury: Metabolic changes over time. Archives of Physical Medicine and Rehabilitation, 72:9/91, 786.

Luis M, Williams F, Fordyce D: Pure word deafness in a 49 year old woman after bilateral cerebral vascular accidents. Archives of Physical Medicine and Rehabilitation, 72:9/91, 789.

Editorials, Reviews, Chapters, including participation in committee reports (print or other media):

Books:

Williams, FH, Kaul M.: Fibromyalgia and Myofascial Pain, Chapter in Women's Health Care, Appleton and Lange, Publishers, May 1995.

- Williams, FH, Pope, K, and Dean B.: Chronic Pain Management, and Cancer Pain.
Wallis, LA, and Etingin, O., eds., in Textbook of Women's Health, December 1997.
- Williams, FH, Hopkins, B.: Nutrition Management in Rehabilitation Patients.
General Rehabilitation Text, eds., Delisa, et al., 1998, 3rd edition.
- Williams, FH.: Radial neuropathy. Chapter 24: Essentials of Physical Medicine and Rehabilitation. Eds., Frontera, WR, and Silver, JK. Hanley & Belfus Publishers, Philadelphia, Pa. 2002.
- Williams, FH.: Radial neuropathy. Essentials of Physical Medicine and Rehabilitation. Review & Self-Assessment (Study guide companion to text). Eds. Frontera, WR, and Silver, JK. Hanley & Belfus, Inc., 2002.
- Bell, K., and Williams, FH.: Use of Botulinum Toxin A and Type B for Spasticity in Upper and Lower Limbs; and Applications of Botulinum Toxin in Physical Medicine and Rehabilitation in Physical Medicine and Rehabilitation clinics of North America, Eds. Odderson, IR, and Kraft, GH, November 2003.
- Williams, FH, and Hopkins, B. Nutrition Management in Rehabilitation Patients.
General Rehabilitation Text, eds., Delisa, et. al., 2004, 4th edition.
- Williams, F.H. Supplement to Archives of Physical Medicine and Rehabilitation. Study Guide on Neuromuscular rehabilitation and electrodiagnosis. Chair, March 2005.
- Williams, FH, Johns, JJ, Weiss, JM, Weiss, LD, Kim,C-T, Strommen, JA., and Rashbaum, I., Supplement to Archives of Physical Medicine and Rehabilitation. Chapter 1. Mononeuropathy.
Study Guide on Neuromuscular rehabilitation and electrodiagnosis. March 2005.
- Weiss, LD, Weiss, JM, Johns, JS, Strommen, JA, Kim, C-T, Williams, FH., and Rashbaum, I. Supplement to Archives of Physical Medicine and Rehabilitation. Chapter 2 Peripheral Neuropathy. Study Guide on Neuromuscular rehabilitation and electrodiagnosis. March 2005.
- Strommen, JA, Johns JJ, Kim, C-T, Williams, FH, Weiss, JM, Weiss LD, and Rashbaum, I. Supplement to Archives of Physical Medicine and Rehabilitation. Chapter 3. Diseases of Muscles and Neuromuscular Junction. Study Guide on Neuromuscular rehabilitation and electrodiagnosis. March 2005.
- Kim, C-T, Strommen, JA, Johns, JS, Weiss, JM, Weiss, LD, Williams, FH, and Rashbaum, I. Pediatric Issues. Supplement to Archives of Physical Medicine and Rehabilitation. Chapter 4. Study Guide on Neuromuscular rehabilitation and electrodiagnosis. March 2005.

Alternative Media:

Patents:

Master's Thesis: The Influence of Dietary Sucrose on Urinary Excretion of Chromium

**Professional
Activities:**

Education:

May 1996 Course Director, Musculoskeletal Medicine, Va. Mason MC

Jan.1991- Aug. 1998 Coordinator for Physical Medicine and Rehabilitation Rounds
Virginia Mason Medical Center

Jan. 1991-Aug. 1998 Coordinator for Resident Education with Physical Medicine and
Rehab.
Virginia Mason Medical Center

Sept.1990-Aug. 1998 Coordinator - Amputee Clinic
Virginia Mason Medical Center

Jan.1993- Aug. 1998 Dietetics Committee
Virginia Mason Medical Center

Jan.1993- Dec.1995 Research Committee
American Association of Electrodiagnostic Medicine

Jan.1990-Dec. 1992 Quality Assurance Committee
American Association of Electrodiagnostic Medicine

Feb. 1988- Aug.1990 Residency Program Director
Department of Rehabilitation Medicine
University of Kentucky College of Medicine

Feb. 1988- Aug.1990 Coordinator for University of Kentucky:
Medical Student Rehabilitation Electives
Medical Student Geriatric Electives
Rehabilitation Elective for Geriatric Fellows

March 1990-Dec. 1990 National Residency Program Directors
Steering Committee.
American Association of Academic Psychiatrists

Jan.1990- Dec. 1990 Program Chairman -
Association of Academic Psychiatrists
Residency Director's Program, 1991 National Meeting

Sept. 1979-Sept.1980 Student Representative
Research Committee
Wright State University School of Medicine

Grants:

Williams, FH (PI – Veterans Administration), Farrar, JT. (PI –U of Pennsylvania, NIH Grant) The Efficacy of Acupuncture with Physical Therapy for Knee Osteoarthritis. 2002-Present

Williams, FH (PI – Veterans Administration), Farrar, JT. (PI –U of Pennsylvania, NIH Grant) The Efficacy of Physical Therapy for Knee Osteoarthritis (supplement to the study listed first), 2004-

Williams, FH (PI – Phila VA), The Processes and Outcome of Stroke Care in the VHA.
Large national VA database study.

Williams, FH (PI – Phila VA), Stroke Prevention, Incidence and Outcomes in Veterans with Diabetes
Large national VA database study

Williams FH, Phillips R, et. al.: Nutritional changes and the metabolic response to spinal cord injury.
Basic Science Research Grant, University of Kentucky, 1989.

Lewis S, Williams FH: Baroreceptor influence on cardiovascular responses in hypotensive subjects.
Major Equipment Award, University of Kentucky, 1989.

Phillips R, Young AB, Williams FH, et. al.: Zinc in the nutrition of persons with traumatic brain injury. National Institute for Disability and Rehabilitation Research Grant, September 1987-1990..

Nutritional implications of human milk from mothers who deliver prematurely. Funded by Frackelton Memorial Fund Award, \$5,000. Principal Investigator: F.H. Williams, 1979.

Grant Reviewer:

Rehabilitation Services Administration and Educational Services. Projects for Initiating Recreation Programs for Individuals with Disabilities. Nov. 17-19, 1997. Wash., D.C.