

CURRICULUM VITAE

NAME: Walter A. Brzezinski, MD

OFFICE ADDRESS: MUSC/Department of Medicine
University Internal Medicine
135 Rutledge Avenue
Suite 820 R
Charleston, SC 29425

PHONE NUMBER: Office (843) 876-0888

EDUCATION:

College: University of Nebraska at Lincoln
Lincoln, Nebraska

Graduated June 1970 magna cum laude with a degree in
Electrical Engineering

Medical School: Creighton University School of Medicine
Graduated May 1978

Residency: Creighton University Affiliated Hospitals
Residency Program in Internal Medicine,
July 1978 – June 1981

SPECIALTY CERTIFICATION:

Certified, American Board of Internal Medicine
September, 1981

LICENSURE: Licensed to practice Medicine the State of South Carolina

MILITARY SERVICE: Completed Navy Nuclear Power School, June 1971

Nuclear Engineering Officer in Nuclear Submarine Program, June 1971 – June 1974

FACULTY APPOINTMENTS:

1980 – 1981	Active Staff Member of Department of Emergency Medicine, St. Joseph Hospital, Omaha, Nebraska. One year experience working full-time in emergency room including medical and trauma emergencies with helicopter transport from two state areas.
1981 – 1987	Assistant Professor of Medicine in the Department of Internal Medicine, Creighton University, Omaha, Nebraska (Tenured 1986).
1987 – 1994	Assistant Professor of Medicine, Department of Internal Medicine, Medical University of South Carolina.
1994 – Present	Associate Professor of Medicine, Department of Internal Medicine, Medical University of South Carolina.

ADMINISTRATIVE APPOINTMENTS:

- Graduate Medical Education Committee Member, Department of Internal Medicine, MUSC.
- Co – Director of Inpatient Transitional Care Unit at Charleston Memorial Hospital, 1990 – 2003.

- Director of Inpatient Internal Medicine Service at Creighton University, 1984 – 1987.
- Director of Outpatient Medical Clinic at Creighton University, 1983 – 1987.
- Director of Physical Diagnosis Class to M-2's at Creighton University, Omaha, Nebraska, 1981 – 1987.
- Director of Professional Services and Medical Director, Institute for Latin American Concern, 1978 – 1987. A Creighton University sponsored program of health care delivery, local health worker education and Third World life experience for Creighton Health Science students in the Dominican Republic. involves recruiting students and physicians for participation, logistics and supply procurement and active participation in rural health care centers.
- Athletic Team doctor, Creighton Athletic Department, 1981 – 1987.

HOSPITAL APPOINTMENTS:

- Attending Physician, Transitional Care Unit, Medical University of South Carolina Hospital, 1989 – 2003.
- Attending Physician, Medical University of South Carolina Hospital, General Internal Medicine Service, 1987 – present.

MEMBERSHIP IN PROFESSIONAL/SCIENTIFIC SOCIETIES:

Fellow, American College of Physicians

INVITED REVIEWER:

1. - Journal of Clinical Hypertension. 1999 – 2001.
2. - Manuscript Reviewer for American Journal of the Medical Sciences. 2005 – present.

EXTRAMURAL GRANTS:

Principal Investigator

1. - Rhone – Poulenc Rorer. “RP-64206 vs Ofloxacin in Treatment of Acute Exacerbations of Chronic Bronchitis”, W. A. Brzezinski, M.D., P.I. 1992 – 1994. Total direct cost: \$50,000.
2. - Merck, Sharp and Donme. “Efficacy Study Comparing Proscar and Placebo in the Treatment of Symptomatic Benign Prostatic Hyperplasia”. W. A. Brzezinski, M.D., P.I. 1993 – 1994. Total direct cost: \$35,000.
3. - “Safety and Efficacy of Irbesartan in the Treatment of Essential Hypertension”. W. A. Brzezinski, M.D., P.I. 1994 – 1996. \$45,000.
4. - “Safety and Efficacy of Losartan in the Treatment of Essential HTN”, W. A. Brzezinski, M.D., P.I. 1993 – 1995. \$35,000.

Co-Investigator

- Merck and Co., Inc. “MK-217 Three Year Osteopenia Bone Density Study”. Norman H. Bell, M.D., P.I. 9/1/90 – 3/31/94. Total direct cost: \$555,000. Annual direct cost: \$136,668.
- Merck and Co., Inc. “MK-217 Five Year Osteopenia Bone Density Study”. Norman H. Bell, M.D., P.I. 3/1/91 – 5/31/96. Total direct cost: \$375,000. Annual direct cost: \$75,000.
- Merck and Co., Inc. “MK-217 Two Year Dose Ranging Study in Elderly Osteopenic Women”. Norman H. Bell, M.D., P.I. 10/1/91 – 4/28/94. Total direct cost: \$254,352. Annual direct cost: \$84,095.

- Sterling Winthrop. “A Phase III Study of Intermittent Cyclic Tiludronate in Treatment of Established Post-menopausal Osteoporosis”. Norman H. Bell, M.D., P.I. 9/9/92 – 8/31/95. Total direct cost: \$512,256. Annual direct cost: \$170,752.
- Sterling Winthrop. “A Phase III Study of Intermittent Cyclic Tiludronate in the Treatment of Post-menopausal Women with Low Bone Mineral Mass and No Vertebral Fractures”. Norman H. Bell, M.D., P.I. 9/9/92 – 8/31/95. Total direct cost: \$336,798. Annual direct cost: \$112,266.
- Merck and Co., Inc. “A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Determine the Effect of Oral Alendronate on Bone Mineral Density in Postmenopausal, Osteopenic Black Women of African-American Descent”. Norman H. Bell, M.D., P.I. 9/1/93 – 2/28/95. Total direct cost: \$65,114. Annual direct cost: \$65,114.

AWARDS, HONORS, MEMBERSHIP IN HONORARY SOCIETIES:

Member, Alpha Omega Alpha Honor Society, 1978 (elected as Senior Medical Student)

Member, Alpha Sigma Nu Jesuit Honor Society

Robert F. Kennedy Teaching Award 1987 – A University wide award

Given to the “one faculty member who best served in furthering student education.” Awarded by Creighton University & students.

Golden Apple Awards – An award given by medical students for
“outstanding instructor”

Nominated 1979, Internship Year

Nominated 1982, Faculty from Junior Class

Awarded 1983, Faculty from Junior Class

Awarded 1983, Faculty from Sophomore Class

Nominated 1986, Faculty from Junior Class

Awarded 1987, Faculty from Junior Class

Nominated 1987, Faculty from Sophomore Class

Nominated 1987, Faculty from Senior Class

Nominated 1993, Faculty from Clinical Students

Nominated 1994, Faculty from Senior Class

Awarded 1996, Faculty from Clinical Students

Nominated 1997, Faculty from Clinical Students

Awarded 2001, Faculty from Clinical Students

Nominated 2003, Faculty from Clinical Students

Nominated 2005, Faculty from Clinical Students

Nominated 2006, Faculty from Clinical Students

Nominated 2007, Faculty from Clinical Students

Nominated 2008, Faculty from Clinical Students

Faculty Excellence Award – A MUSC medical student award for
“outstanding faculty”

- Award Winner - 1991
- Award Finalist - 2003
- Award Finalist - 2004
- Award Winner - 2006
- Award Winner - 2007
- Award Finalist - 2008

Michael E. Assey, M.D. Teaching Award – Award given by Internal
Medicine Residents for “Best Teaching Attending”

- Nominated - 2003
- Awarded - 2005
- Awarded - 2008

Invited lecturer in “Pearls” lecture. A senior medical student invitational
lecture given prior to graduation

- Lecture 1992
- Lecture 1996
- Lecture 1998
- Lecture 2006

- Lecture 2008

Department of Medicine Teaching Award for Outstanding Teacher (resident and student elected award)

- Awarded 2006

Presidential Faculty Scholar (a three year award to promote scholarly activity among all six colleges at MUSC)

- Awarded 2007 - 2010

ACADEMIC COMMITTEE ACTIVITIES:

Faculty Senator, Medical University of South Carolina, 1992 – 1993.

By-Laws Review Committee, 1993. Medical Staff, Medical University Hospital.

Chairman, College of Medicine Steering Committee for Faculty Senate, Medical University of South Carolina, 1992 – 1993.

Member, Academic Affairs Committee, Medical University of South Carolina, 1992 – 1993.

Member, Medical Executive Committee, Medical University of South Carolina, 2004 – 2006.

Member, Health Information Systems Committee, Medical University of SC
Member, Graduate Medical Education Committee, Department of Internal Medicine 2002 – present.

MAJOR TEACHING RESPONSIBILITIES:

- Instructor in Physical Diagnosis course.
- Instructor in Introduction to Clinical Reasoning course.
- Attending to Junior Medical Students during core relations in Internal
- Medicine, Medical University Hospital.

- Attending to Internal Medicine residents in the Outpatient University Internal Medicine Clinic.
- Attending morning reports at Medical University Hospital for Internal Medicine residents.
- Designed, implemented and teach weekly “Topics in Internal Medicine” class to all junior medical students, 2004 – Present.
- Annual lecturer in College of Nursing and Physicians Assistant courses.

MAJOR CLINICAL AND RESEARCH INTERESTS AND RESPONSIBILITIES:

- I am interested in all aspects of general internal medicine. I see patients in the outpatient clinics nine ½ days each week and do inpatient attending
- My major area of research interest is in the pathophysiology and treatment of essential hypertension.

RESEARCH ACTIVITIES:

- 1) Completed. Clinical phase II drug trial of Celiprolol, a beta-blocker, in essential hypertension. 1984
- 2) Completed. Role of Intracellular ionized magnesium in essential hypertension. See publications below. 1985
- 3) Completed. Development of a dose response curve of aspirin and its effects on blood pressure in humans. 1986
- 4) Completed. Long term effects of aspirin on cholesterol profiles in humans. 1986
- 5) Completed. Efficacy of Finasteride in treating Prostatic Hypertrophy. 1997
- 6) Completed. Efficacy of Sparfloxin in treating acute exacerbations of COPD. 1998

- 7) Completed. Effects of Finasteride on platelet thromboxane A² receptor numbers and activity in male humans. 1998
- 8) Completed. Patient specific factors in coumadin dosing. 2006
- 9) In progress. Development of a prediction education for the prevention of hypokalemia associated with diuretic therapy for hypertension.

INVITED LECTURES:

- 1) American Diabetes Association, Annual Meeting, “New Developments in Treating Hypertension in Diabetes Mellitus”, 1992.
- 2) “Renin System in Hypertension”. 12th Annual Cardiology Symposium 2002. USC School of Medicine.
- 3) Laurens County Medical Society, “Update in Treating Hypertension”, Feb. 2005.
- 4) Annual Lecturer for AHEC sponsored grand rounds at Spartanburg/Greenville Residency Training Programs. 1990 – 2006.

COMMUNITY SERVICE:

Interfaith Crisis Center Physician, Homeless Shelter Clinic, 1988 – 1992.
Crisis Center Medical Director, 1992.

BIBLIOGRAPHY:

JOURNALS

- 1) Brzezinski, W.A.: Disseminated Actinomycosis Associated with Capnocytophaga Infection. *Journal of Infectious Diseases*: Vol 149, No. 4, p. 654.
- 2) Heffner, Oxidine, Rozich & Brzezinski: Pulmonary Zygomycosis: A Cause of Positive Lung Scan Diagnosed by Bronchoalveolar Lavage. *Chest*: Vol. 95, pp. 238-240.
- 3) Mattingly, S., Brzezinski, W.A., Ibert, Wells: Decreased Cell Membrane Magnesium in Some Essential Hypertension Patients. *Clinical Experimental Hypertension*: Vol. 13, No. 1 (1991).
- 4) Brzezinski, W.A.: An Ambulatory Rotation in Internal Medicine for Junior Medical Students. *Academic Medicine*: Nov. 1990.
- 5) Tenover, Pagano, Morton, Liss, Byrnes on Behalf of the Primary Care Investigator Study Group, Brzezinski W, Member. Efficacy and Tolerability of Finasterine in Symptomatic Benign Prostatic Hyperplasia: A Primary Care Study *Clinical Therapeutics*: Vol. 19, No. 2, p. 243.
- 6) DeAbate, Hnery, Bensch, Jurbran, Chodosh, Harper, Tipping, Talbot, Brzezinski W, Member. Sparfloxacin vs. Ofloxacin in Treatment of Acute Bacterial Exacerbations of Chronic Bronchitis. *Chest* 114 (1): 20 – 30, 1998, July.
- 7) Guthrie, Saini, Herman, Pleskow, Sprecher, Collins, for the Multicentre Investigators, Brzezinski W, Member. Efficacy and Tolerability of Irbesartan in HTN. *Clin. Drug Invest.* 15 (3): 217-227, 1998.
- 8) Basile J, Brzezinski, W.A.: Analysis of Recent Papers in Hypertension, J. *Clin Hypertens*, 1999 Oct; 1(2): 156-158.

- 9) Basile J, Brzezinski, W.A.: Analysis of Recent Papers in Hypertension. J. Clin Hypertens, 2000 Jan: 2(1): 56-59.
- 10) Basile J, Brzezinski W.A.: Analysis of Recent Papers in Hypertension. J. Clin Hypertens. 2000 Mar:2 (2): 144-148.
- 11) Basile J, Brzezinski W.A.: Analysis of Recent Papers in Hypertension. J Clin Hypertens. 2000 May;2(3): 227-232.
- 12) Basile J, Brzezinski W.A.: Analysis of Recent Papers in Hypertension. J Clin Hypertens 2000 Jul;2(4): 290 – 294.
- 13) Basile J, Brzezinski W.A.: Analysis of Recent Papers in Hypertension. J Clin Hypertens 2000 Oct;2(5): 349-355.
- 14) Cope D, Rehman S, Senseney A, Brzezinski WA: Thyroid Disorders In Elderly Patients. South Med J 2005; 98(5): 543-549.
- 15) Whitley, HP, Fermo J, Chumney E, Brzezinski WA: Effects of Patient Special Factors on Weekly Warfarin Dose. Therapeutics and Clinical Risk Management. 3(3), 2007.
- 16) Brzezinski, WA, Moran W, Davis K. Enabling Evidence Based Medicine for Busy Physicians: The Case for Searching the Literature. SC Medical Journal.
- 17) Blanton L, Keith B, Brzezinski WA. STARI, Not All Erythema Migrans Is Lyme Disease. Southern Medical Journal. Vol 101, Number 7, July 2008.
- 18) Rencic J, Brzezinski W. Morning Report. In Press. Journal of General Internal Medicine, The Forum. Oct. 2008.

LETTERS:

- 1) Brzezinski, WA: Nerve Conduction Velocity in Diabetes. Letter, New England Journal of Medicine, Vol. 309, Nov. 3, p. 190.
- 2) Brzezinski, WA: Percutaneous Endoscopic Gastrostomy. Letter, Mayo Clinic Proceedings 1993; 68: 718.
- 3) Brzezinski, WA, Basile J. Blood Pressure Reduction is More Important than RAS Blockage to Improve Diastolic Function. Southern Medical Journal. Jan. 2008.

ABSTRACTS:

- 1) Brzezinski, W.A. and Wells: Decreased Magnesium to Protein Binding in Essential Hypertension. FASEB Journal: 2A1580 (1988).
- 2) Brzezinski, W.A. and Wells: Reversible Decreased Red Blood Cell Magnesium Binding in Essential Hypertension. FASEB Journal: 3 A1070 (1989).
- 3) Whitley HP, Fermo JD, Chumney E, Brzezinski, W. Effect of Patient-specific factors on weekly warfarin dose. Proceedings From the University Health System Consortium. 2005; December. 107. Las Vegas, NV.
- 4) Craft B, Comerford L, Brzezinski WA. Metastatic Breast Cancer Presenting As Pancreatitis. SGIM Regional Meeting. Feb. 2008. New Orleans, LA.

BOOKS/CHAPTERS:

- 1) Brzezinski, W.A.: Blood Pressure in J. Willis Hurst (Ed.):
Clinical Methods. Textbook Chapter, 4th Edition, Butterworths.
- 2) Brzezinski, W.A.: Supraventricular Arrhythmias in Primary Care
Management of Heart Disease: Textbook Chapter, Mosby – Year
Book, Inc.