

CURRICULUM VITAE

Michael S. Brogan PT DPT MS PhD CWS
4380 Main St. Box 786
Amherst, NY 14226
716-839-8227
Senior Vice President for Academic Affairs & Dean of the College
Daemen College

Education:

State University of New York at Buffalo
Buffalo, NY
Educational Administration – Higher Education
Doctor of Philosophy

Daemen College
Amherst, NY
Physical Therapy
Doctor of Physical Therapy

State University of New York at Buffalo
Buffalo, NY
Health Science Education and Evaluation
Master of Science

Daemen College
Amherst NY
Physical Therapy
Bachelor of Science

Erie Community College
Williamsville, NY
Liberal Arts Science
Associate of Applied Science

Advanced Certification:

American Board of Wound Management
Certified Wound Specialist - Diplomat
1998-present

The College of Certified Wound Specialists
Fellow
2006-2015

Licensure Information/Registration Number:

New York
License: 008222

April 13, 2021

Employment and Positions Held:

Daemen College:

Senior Vice President 2018-present

Vice President for Academic Affairs & Dean of the College
2012-2018

Dean of the Health and Human Services Division
2005 to 2012

Department Chair, Physical Therapy Department
2001 to 2005

Professor of Physical Therapy, Tenured
2015 to present

Associate Professor of Physical Therapy, Tenured
1999 to present

Assistant Professor of Physical Therapy, Tenured
1989 to 1999

Academic Coordinator of Clinical Education
1985 to 1989

Daemen College
Amherst, NY

Wound Care Specialist
Catholic Health Systems
Buffalo, NY
2003 – 2016

Staff Physical Therapist
Step by Step Physical Therapy
Attica, NY
2002 – 2003

Director of Physical Therapy Services
New York State OMRDD, Kensington ICF
Buffalo, NY
2000 to 2001

Director of Physical Therapy Services
Geneva B. Scruggs, ICF
Buffalo, NY
1985 to 2001

Director of Physical Therapy Services
Manor Oak, SNF
Cheektowaga, NY
1986 to 2002

Director of Physical Therapy
Our Lady of Victory Primary Care and Surgical Center
Orchard Park, NY
1993 to 1994

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Consultant Physical Therapist
People, Inc.
Buffalo, NY
1987 to 1988

Staff Physical Therapist
Sisters of Charity Hospital
Buffalo, NY
1984 to 1987

Consultant Physical Therapist
Cardiosport
Niagara Falls, NY
1986 to 1987

Peer Reviewed Publications:

Kehua Zhou, Ronald Schenk, Michael S Brogan; The wound healing trajectory and predictors with combined electric stimulation and conventional care: one outpatient wound care clinic's experience; Oct 2016, European Journal of Clinical Investigation

Chimera NJ, Brass C, Terryberry K, Matthews L, Boggs R, Denz W, Brogan MS. The Effects of Profore Multilayer Compression Bandaging System on Skin Perfusion Pressure in Healthy Adults. Adv. Skin Wound Care. 2016.

Chimera NJ, Brass C, Brogan M. Case Series: Assessing Wound Healing Potential Through Use of Skin Perfusion Pressure. Today's Wound Clinic. March, 2016

Kehua Zhou, Yan Ma, Michael Brogan. Dry needling vs. acupuncture: the ongoing debate. Acupuncture Med 2015, 0:1-6.doi:10.1136/Acupmed-2015 010911

Kehua Zhou, Kenneth Krug, Michael Brogan. Physical Therapy in Wound Care: A Cost-Effectiveness Analysis; Medicine Volume 94, Number 49, December 2015

Kehua Zhou, Kenneth Krug, Michael Brogan. Management of dehisced hand wound: a case study. Ostomy Wound Management. July 2015, Vol. 61, Issue 7

Kehua Zhou, Yan Ma, Michael Brogan. Non-Healing Wounds: The Story of Vascular Endothelial Growth Factor. Med Hypotheses 85 (2015), 399-404.

Zhou K, Brogan M, Yang C, Tutuska J, Edsberg L. Oriental Medicine and Chronic Wound Care: Theory, Practice, and Research. Ostomy Wound Management. 2013 Jan Issue, Ostomy Wound Management

Edsberg,LE, Wyffels JT, Brogan MS, Fries KM. Analysis of the Proteomic Profile of Chronic Pressure Ulcers. Wound Repair & Regeneration. 2012 May-Jun;20(3):378-401

Plucknette B, Brogan M, Anain J, Terryberry Normative Values for Foot Sensation: Challenging the 5.07 Monofilament.The Journal of Diabetic Foot Complications, 2012; Volume 4, Issue 1, No. 4, Pages 16-25.

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Wyffels JT, Fries KM, Randall JS, Ha DS, Lodwig CA, Brogan MS, Shero M, Edsberg LE. Analysis of pressure ulcer wound fluid using two-dimensional electrophoresis. *International Wound Journal*. 2010; 7(4): 236-248

Edsberg LE, Murphy KE, Howden K, Brogan MS. The regulation of hydrogen peroxide by the use of electrical stimulation and various types of electrodes. *Acute Care Perspect*. 2005;14(2):6-11.

Kalinowski DP, Brogan MS, Hewson RA, Edsberg LE. Low voltage direct current as a fungicidal agent for the treatment of onychomycosis. *J Am Podiatr Med Assoc*. 2004;94(6):565-572.

Jaynes CD, Fries K, Brogan MS, Karch JE, Baird K, Edsberg LE. Development of a protocol for biochemical analysis of wound fluids. *Acute Care Perspect*. 2003;12(1):12-15.

Edsberg LE, Brogan MS, Jaynes CD, Fries K. Topical hyperbaric oxygen and electrical stimulation: exploring potential synergy. *Ostomy Wound Manage*. 2002;11:42-49.

Edsberg LE, Brogan MS, Jaynes CD, Fries K. Reducing epibole using topical hyperbaric oxygen and electrical stimulation. *Ostomy Wound Manage*. 2002;48(4):26-29.

Walsh LA, Brogan MS, Barba W. Affirmative action in american higher education and the goal of diversity in physical therapy programs. *J Phys Ther Educ*. Vol. 14, 1, Spring 2000.

Jacques PF, Brogan MS, Kalinowski DP. High voltage electrical treatment of refractory dermal ulcers. *Physician Assist*. 1997;3:1-7.

Kalinowski DP, Brogan MS, Sleeper, MD. A practical technique for disinfecting electrical stimulation apparatus used in wound treatment. *Phys Ther*.1996;76:12:1340-1347.

Peer Reviewed Scientific and Professional Presentations:

Invited Speaker, 9th Annual Vascular Interventional Associates Foundation: A Physical Therapy Wound Care Perspective; September 12, 2015, Amherst NY.

Invited Speaker, Beijing University of Chinese Medicine and the Ministry of Education Beijing China. Teaching Skills and Proficiency. September, 2014

Invited Speaker, The College of Certified Wound Specialists, Bogota, Columbia. Introduction to Wound Care. April 26, 2014 (re-scheduled Spring 14).

Chimera NJ, Brass C, Pordum F, Brogan MS. Use of Skin Perfusion Pressure to Assess Wound Healing Status. Poster to be presented at Symposium on Advanced Wound Care/Wound Healing Society (SAWC/WHS). Orlando, FL, April, 2014.

Boggs R, Denz W, Matthews L, Terryberry K, Brass C, Brogan MS, Chimera NJ. *The Effects of Profore Multilayer Compression Bandaging System on Skin Perfusion Pressure in Healthy Adults*. Podium, presented at Combined Sections Meeting of American Physical Therapy Association. Las Vegas, NV, February, 2014.

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Brogan MS, Pordum F. Implementing a Multidisciplinary Approach to Wound Care to Improve Patient Outcomes and Agency Efficiency. Invited Speaker. Ohio Council for Home Care & Hospice. Annual State Conference, Columbus Ohio, September 11-12, 2013

Brogan MS. Western Philosophies of the Teaching & Learning Process. Invited Speaker, Beijing University of Chinese Medicine and the Ministry of Education, China. Beijing China, June 2-5, 2013.

Brogan MS, Zhou K, Clausen EG. Chronic Wound Care: West meets East. Hong Kong International Integrative Medicine Conference, Hong Kong. Platform Presentation of Manuscript. July 2012

Anisman MJ, Brogan MS, Clausen EG, Terryberry K, Zhou K. Chronic Wounds: An Opportunity to Bridge Western and Traditional Chinese Medicine Through Academics, Research, and Clinical Practice. The Beijing Forum on Traditional Chinese Medicine (TCM), Beijing China. Poster and Platform: October, 2010

Jordan R, Kester K, Brown HW, Brogan MS. Wound Assessment: A Comparison between Digital Planimetry and a Digital Wound Measurement Tablet relative to Reliability and Validity. Symposium on Advanced Wound Care and Medical Research Forum, Dallas, Texas, April 2009.

Edsberg LE, Fries KM, Brogan MS, Wyffels JT. Wound Surface Biochemistry of Healing and Non-Healing Pressure Ulcers. World Union of Wound Healing Societies, Third Congress, Toronto, Ontario, June 2008.

Edsberg LE, Fries KM, Brogan MS, Wyffels JT. Biochemical Profiles of Healing and Non-Healing Pressure Ulcers. Symposium on Advanced Wound Care and Medical Research Forum, San Diego, California, April 2008

Plucknette, B, Brogan, MS. The Effects of Age on Foot Sensation Using Semmes-Weinstein Monofilaments. Symposium on Advanced Wound Care and Medical Research Forum, San Diego, California, April, 2008

Schichtel M, Brogan MS, Edsberg LE, Kalinowski D. The Effects of Monochromatic Infrared Photo Energy on the Growth Rate of *Candida albicans*. Symposium on Advanced Wound Care and Medical Research Forum, Tampa, Florida, April, 2007

Kalinowski DP, Edsberg LE, Schichtel M, Brogan MS. An *In Vitro* Study of the effect of monochromatic infrared energy on the growth rate of *Pseudomonas aeruginosa*. Symposium for Advanced Wound Care. Poster Presentation. San Diego CA. April 2005.

Edsberg LE, Wheeler A, Murphy KE, Brogan MS. Electrical field properties with electrical stimulation in an aqueous solution of hydrogen peroxide. American Physical Therapy Association Combined Sections Meeting. Poster Presentation. New Orleans LA. February 2005.

Brogan MS, Edsberg LE. The use of electrical stimulation and an off-loading technique

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for the treatment of diabetic foot ulcers. New York Physical Therapy Association Annual Conference. Platform Presentation. Melville Long Island NY. October 2004.

Edsberg LE, Murphy KE, Howden K, Brogan MS. The regulation of hydrogen peroxide by the use of electrical stimulation and various types of electrodes. Symposium on Advanced Wound Care and Medical Research Forum. Poster Presentation. Lake Buena Vista FL. May 2004.

Edsberg LE, Brogan MS, Kalinowski DP. *In vitro* and *in vivo* outcomes with the use of a new anti-fungal device. Symposium on Advanced Wound Care and Medical Research Forum. Poster Presentation. Las Vegas NA. April 2003.

Murphy KE, Brogan MS, Purcell T, Strutsovskiy, Edsberg LE. The effects of hydrogen peroxide coupled with water and high volt electrical stimulation used in the treatment of open wounds. American Physical Therapy Association Combined Sections Meeting. Poster Presentation. Tampa, FL. February 2003.

Ismail AZ, Johnston R, Brogan MS, Edsberg LE. Depth of penetration of biphasic pulse pairs delivered percutaneously to *in vitro* tissue samples. American Physical Therapy Association Combined Sections Meeting. Poster Presentation. Tampa FL. February 2003.

Kalinowski, DP, Brogan, MS, Hewson RA, Johnson RH, Edsberg, LE. The use of low voltage direct current as a fungicidal agent to control the *in vitro* growth of Trichophyton Mentagrophytes and Trichophyton Rubrum, and the potential for its use in the treatment of Onychomycosis. American Physical Therapy Association Combined Sections Meeting. Poster Presentation. Tampa FL. February 2003.

Karch, JE, Baird K, Fisher T, Sommer J, Zaluski S, Brogan MS, Fries K, Edsberg LE, Jaynes CD. Western blot analysis of chronic wound fluid proteins. Physical Therapy 2003: The Annual Conference & Exposition of the American Physical Therapy Association. Poster Presentation. Washington DC. June 2003.

Edsberg LE, Brogan M, Jaynes CD, Fries K. The use of topical hyperbaric oxygen and electrical stimulation for the treatment of chronic wounds and their effect on proteins within the wound and on associated epibole: an exploratory project. New York Physical Therapy Association Annual Conference & Exhibit Show. Poster Presentation. Long Island NY. October 2002.

Brogan MS, Edsberg LA, Taylor K, Kalinowski D, Murphy K. The effects of high volt pulsed electrical stimulation on herpes simplex type I external lesions of the lip. New York Physical Therapy Association Annual Conference & Exhibit Show. Poster Presentation. Long Island NY. October 2002.

Taylor K, Brogan MS. Professional discipline-based departmental change as driving force for institutional change in a small private liberal arts college. 2002 Association of Schools of Allied Health Professions. Annual Conference. Poster Presentation. San Diego CA. October 2002.

Edsberg LE, Brogan MS, Jaynes CD, Fries K. Analysis of proteins present in healing and non-healing chronic wounds. Symposium on Advanced Wound Care and Medical

Research Forum. Poster Presentation. Baltimore MD. April 2002.

Brogan MS, Edsberg LA, Fries K, Jaynes CD. Use of electrical stimulation on a refractory open achilles: A case study. Clinical Symposium on Advances in Skin & Wound Care. Poster Presentation. Orlando FL. September 2001.

Brogan MS, Edsberg, Fries, Jaynes. The collaborative research model for wound healing. Clinical Symposium on Advances in Skin & Wound Care. Poster Presentation. Orlando FL. September 2001.

Edsberg LA, Brogan MS, Jaynes CD, Fries K. Use of topical hyperbaric oxygen for treatment of chronic wounds in long-term health care facilities. Symposium on Advanced Wound Care. Poster Presentation. Las Vegas NV. May 2001.

Jaynes CD, Karch, Baird, Fries K, Edsberg LA, Brogan MS. Treatment of chronic wounds with topical hyperbaric oxygen and electrical stimulation alters the levels of proteins which may be responsible for wound healing. Experimental Biology Conference. Poster Presentation. Orlando FL. March 2001.

Jaynes CD, Karch, Baird, Fries K, Edsberg LA, Brogan M. Change in protein levels of chronic wounds following treatment with hyperbaric oxygen and electrical stimulation. Rochester Academy of Sciences Annual Conference. Poster Presentation. Rochester NY. November 2000.

Kalinowski DP, Brogan MS, Sleeper, MD. A practical technique for disinfecting electrical stimulation apparatus used in wound treatment. New York Physical Therapy Association. Annual Conference. Poster Presentation. October 1996. (Robert Salant Research Award)

Brogan MS, Jacques PF, Kalinowski DP. The use of high volt pulsed current on a case of an open wound infected with MRSA and underlying osteomyelitis. New York Physical Therapy Association Conference. Poster Presentation. 1996

Non-Peer Reviewed Presentations:

Brogan, MS. Use and Effects of Physical Therapy for Enhancing Wound Closure. A Multidisciplinary Approach to Healing: Diagnosis and Treatment of the factors that Inhibit Wound Healing, Invited Speaker, Buffalo NY, March 24, 2012

Brogan, MS, Brass, CG: Chronic Wounds: Pathophysiology, Evaluation, & Treatment. Beijing University of Chinese Medicine, Beijing China, Invited Lecturer, March 14-22, 2012

Brogan, MS. Current Research in Chronic Wound Care. Improving Wound Care 2012, Catholic Health & Catholic Medical Partners. Invited Speaker, Buffalo, NY. March, 2012

Brogan, MS. Contemporary Perspectives to Wound Care. Gowanda Rehabilitation Center, Gowanda, NY, January, 2011

Brogan, MS. Pressure Ulcers: Contemporary Perspectives to Prevention and Management, Cheektowaga, NY, August, 2010

Brass C., Brogan, MS. A Novel Approach to Wound Healing: An integrated, Multidisciplinary Approach With Hospital Avoidance, Lewiston, NY, June, 2010
Brogan, MS. Wound Management for The New York State Office of Mental Retardation and Developmental Disabilities. Rochester, NY, March, 2010

Brogan, MS. Wound Care in Physical Therapy. Women's and Children's Hospital, Buffalo, NY. March 2009

Brogan, MS. Invited Panel Member, Athlone Institute of Technology. Bachelor of Science (Honors) in Podiatry. Athlone, Ireland. By videoconference. June 15, 2006.

Brogan MS. Chronic Wounds: Contemporary & Collaborative Perspectives. Surgical Grand Rounds. St. Joseph's Hospital. Cheektowaga NY. May 2006

Brogan MS. Chronic Wounds: Contemporary & Collaborative Perspectives. Surgical Grand Rounds. Buffalo Mercy Hospital. Buffalo NY. April 2006.

Brogan MS. Integumentary Physical Therapy, PT 612. Doctor of Physical Therapy Program. SUNY at Buffalo. Invited Professor, semester course. 2006.

Brogan MS. Modalities Used in Wound Care: An Evidenced Based Perspective. Catholic Health System – Partners in Rehab. West Seneca NY. January 2006.

Brogan, MS, Edsberg, LE. Invited Visiting Professor. Beijing University of Chinese Medicine. Chronic Wound Management. Western Medicine Perspectives. Beijing, China. October 21-28, 2005.

Brogan MS. Contemporary Wound Care in Western New York. Spotlight on Health. WECK-AM Radio Program. Buffalo NY. June 2005.

Brogan MS. Physical Therapy Modalities Used in Wound Care. Surgeons Meeting. Kenmore Mercy Hospital. Kenmore NY. May 2005.

Brogan MS. Examination and Differential Diagnosis in Wound Management. Invited Speaker: Western District New York Physical Therapy Association. Student Interest Group Spring Conclave. Buffalo NY. April 16, 2005.

Brogan MS. Wound Management in Physical Therapy. Invited Speaker Willcare Home Health Services. Buffalo NY. March 17, 2005.

Brogan MS. Integumentary Physical Therapy, PT 612, Doctor of Physical Therapy Program. SUNY at Buffalo. Invited Professor, semester course. 2005.

Brogan MS. Understanding Through Science: Physical Therapy, Wound Treatment & Research. Beijing University, Beijing, China. Invited Lecturer, March 2005.

Brogan MS. Contemporary Physical Therapy Interventions in Wound Management. Invited Speaker: Western District NYPTA Student Interest Group Spring Conclave. Buffalo NY. April 3, 2004.

Brogan MS. Integumentary Physical Therapy, PT 612, Doctor of Physical Therapy Program. SUNY at Buffalo. Invited Professor, full-semester course. 2003.

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Brogan MS. Comprehensive Wound Care: Strategies for the Physical Therapist Assistant. Invited Speaker 2002 New York Physical Therapy Association Annual Conference and Exhibit Show. Full-day course. October 2002.

Brogan MS. Wound Healing and the Use of Various Physical Therapy Interventions. Invited Guest Lecturer, University at Buffalo (SUNY). September 2002.

Brogan, MS. Invited Speaker. First Annual Clinical Instructor Conference, WNY PTA Clinical Consortium. Full-day course: Contemporary PT Interventions for Wound Management, October 2002.

Brogan MS, Edsberg, LE. Invited Speaker. New York Physical Therapy Association, Annual Conference & Exhibit Show. Full-day course: Comprehensive Wound Care: Strategies for the Physical Therapist Assistant, October 2002.

Brogan MS. The Use of Electrical Stimulation in Wound Healing. Niagara County Community College. Wheatfield NY. SPTA/Annual Conference. March 2001.

Brogan, MS. Invited Guest Lecturer, University at Buffalo (SUNY). September 2001.

Brogan MS. The Use of Electrical Stimulation in Wound Healing. D'Youville College. Buffalo NY. SPTA/Annual Conference. March 2000.

Brogan MS. Wound Healing and the Use of Various Physical Therapy Interventions. Invited Guest Lecturer, University at Buffalo (SUNY). September 2000.

Brogan MS. The Use of Electrical Stimulation in Wound Healing. D'Youville College. Buffalo NY. SPTA/Annual Conference. March 1999.

Brogan MS. Wound Healing and the Use of Various Physical Therapy Interventions. Invited Guest Lecturer, University at Buffalo (SUNY). September 1999.

Brogan MS. Electrotherapy & Wound Healing. DeKalb Medical Center. Decatur GA. March 14, 1998.

Brogan MS. Electrical Stimulation in the Treatment of Wounds: A Multidisciplinary Approach to Wound, Ostomy and Skin Care. Niagara Falls NY. June 1998.

Brogan MS. Wound Healing and the Use of Various Physical Therapy Interventions. Invited Guest Lecturer, University at Buffalo (SUNY). September 1998

Brogan MS. The Use of Electrical Stimulation in Wound Healing. Veteran's Hospital. Batavia NY. May 1997.

Brogan MS. The Use of Electrical Stimulation in Wound Management. American Physical Therapy Association District Meeting. October 1997. Amherst NY.

Brogan MS. Electrotherapy & Wound Healing
Healthsouth Rehabilitation Hospital. Sarasota FL. February 22, 1997.

Daemen College. Amherst NY. March 22, 1997.
San Juan College. Farmington NM. October 11, 1997.
Brooks Memorial Hospital. Dunkirk NY. October 15, 1997.

Brogan, MS. Electrotherapy & Wound Healing
St. Joseph's Hospital. Cheektowaga NY. January 1996.
Jones Memorial Hospital. Wellsville NY. February 1996.
Millard Fillmore Suburban Hospital. Williamsville NY. February 1996.
Daemen College. Amherst NY. April 1996 & 1997.
McAuley -Seton Home Care. Buffalo NY. April 1996.
Tri-County Physical Therapy. Gowanda NY. June 1996.
Sister's Hospital. Buffalo NY. May 1996.
Brogan MS. Electric Stimulation on Open Wounds in a Geriatric Setting. American Physical Therapy Association District Meeting. Buffalo NY. February 1995 and November 1997.

Brogan MS. Physical Therapy and The New Graduate. American Physical Therapy Student SIG. Buffalo NY. April 1995 & 1996.

Brogan MS. Electric Stimulation and its Use in a Skilled Nursing Facility for the Care and Management of Open Wounds. Cheektowaga NY. June 1995.

Brogan MS. Using High Volt Stimulation to Heal Wounds. Council of Licensed Physiotherapists of New York State, Inc. Annual Conference. East Aurora NY. July 1995.

Brogan MS. Electrical Stimulation: An Alternative Treatment Intervention. Wound Care Innovations at Work. Amherst NY. October 1995.

Brogan MS. The Use of Electrical Stimulation in Wound Healing. Geneva Memorial Hospital. Geneva NY. December 1995.

Brogan MS. An Eclectic Approach to Clinical Education. Daemen College. May 1993.

Brogan MS. Nutrition, Elderhostel Program. Daemen College. 1993, 1994, 1995.

Brogan MS. Back Care. Elderhostel Program. Daemen College. 1993, 1994.

Brogan MS. The Profession of Physical Therapy. Jones Intercable Channel 10. June 17, 1990. Shown on Channel 10 seven separate dates in July and August 1990.

Brogan MS. Physical Therapy in a Geriatric Facility. Daemen College. Amherst NY. May 24, 1989, November 4, 1989, September 23, 1990.

Brogan MS. The Risk of Low Back Injury in Allied Health Professionals. Manor Oak S.N.F. January 16, 1989. Geneva B. Scruggs. I.C.F. February 1, 1989. Aries Transportation Services Inc. May 6, 1987.

Brogan MS. The Art of Clinical Instruction. Daemen College. April 14, 1988.

Funded/In Review Grant Activity:

Brogan MS, Edsberg LE. Daemen Center for Medical Innovation & Technology. Children's Guild Foundation. \$50,000. Funded Fall 2020

Brogan MS, Edsberg LE. Daemen Center for Medical Innovation & Technology. James H. Cummings Foundation. \$60,000. Funded Fall 2020

Brogan MS, Edsberg LE. Daemen Center for Medical Innovation & Technology. Mother Cabrini Health Foundation. \$250,000. Funded Fall 2020

Brogan MS, Edsberg LE. Daemen Center for Medical Innovation & Technology. New York State, Empire Development Fund. \$115,000. Funded Fall 2019

Brogan MS, Edsberg LE. Daemen Center for Medical Innovation & Technology. The Odd Fellow & Rebekah Foundation. \$300,000.00. Funded June, 2019

Brogan MS. AHRQ Conference Grant Program (R13); International Consensus Conference at Daemen College: Treating atypical chronic wounds compromised by unrelenting pain. Request \$41,648. Submitted November 2013, (not-funded)..

Pordum F. Brogan MS. Daemen College Physical Therapy Wound Care Center Equipment Grant. The James H. Cummings Foundation. Funded \$17,000, October 2012

Brogan MS, Edsberg, LE. Daemen College Wound Healing Clinic and Wound Care Training Demonstration Project. Health Care Innovation Challenge Grant: Centers for Medicare and Medicaid Services. Submitted January 2012. Amount of Funding Requested: 1,685,595 Not Funded

Brogan, MS, Daemen College Physical Therapy Wound Clinic (DCPTWC) and Wound Care Academy. Proposal to the John R. Oishei Foundation; Funded, \$531,000, January 2011

Stachura J, Brogan, M. Physical Therapy Laboratory and Research Equipment Grant. Funded \$30,000, The James H. Cummings Foundation. Funded September, 2010. Not-Funded

Edsberg L, Hicks W, Brogan M, Bright F, Cartwright A, Hart R. \$699,000, United States Department of Defense, Army Medical Research & Materiel Command (USAMRMC) (Appropriation). "Wound Status Early Outcome Sensor and 3D Construct Development." December, 2010

Brogan MS, Bright F, Hicks,W, Hart R, Submitted Sept. 2009; \$249,078, Equipment Grant (GRANT10418055): Life Sciences Division, United States Department of Defense, Army Medical Research & Materiel Command (USAMRMC); Instrumentation to Directly Enhance Wound Healing Research Presently Funded by the U.S. Army Materiel Command (USAMRMC). Not-Funded

Brogan MS, Brown HW, Kester K, Martel R Awarded \$3000.Wound Assessment: A

Comparison between Digital Planimetry and a Digital Wound Measurement Tablet relative to Reliability and Validity Spring 2009. Daemen College; Think Tank Research Fund

Edsberg LE, Brogan MS, Fries K. Co-Principal Investigator: Awarded \$925,000. Identification of Biomarkers Associated with the Healing of Chronic Wounds. June 15, 2005 – June 15, 2006. United States Department of Defense, Army Medical Research & Materiel Command (USAMRMC).

Brogan MS, Edsberg LE. Awarded \$1925. Measurement of Oxygen and Electric Field Properties with Electrical Stimulation in an Aqueous Solution of H₂O₂. Submitted March 2004. New York Physical Therapy Association Research Designated Fund. Non-funded.

Brogan MS, Edsberg LE. Awarded \$2400. The Analysis of Biochemical Changes Associated with Wounds Treated with Electrical Stimulation in an Aqueous Solution of Hydrogen Peroxide. 2003. New York Physical Therapy Association Research Designated Fund.

Brogan MS, Edsberg LE, Jaynes CD, Fries K. Awarded \$16500. Equipment for Natural & Health Sciences Research Center. 2002. The James H. Cummings Foundation.

Edsberg LE, Brogan MS, Jaynes CD, Fries K. Awarded \$18453. Clinical Evaluation of the T-Pump for Sacral Pressure Ulcer Treatment. 2002. Gaymar Industries, Inc

Brogan MS, Edsberg LE. Awarded \$2400. Analysis of Proteins Associated with Chronic Wound Healing Using Specific Modalities. 2001. New York Chapter American Physical Therapy Association.

Brogan MS, Edsberg LE. Awarded \$40,000. The use of topical hyperbaric oxygen and its effect on pressure ulcers: A controlled, double-blind, multicenter study. March 2000. Hyperbaric Technologies, NJ.

Brogan MS, Edsberg LE, Schlehr F, Foti A. \$40,000 The effects of high voltage pulsed current electrical stimulation on the rehabilitation of surgically reconstructed ACLs. 2000 American Physical Therapy Association Foundation Research Grant. Non – Funded.

Edsberg LE, Brogan MS. \$1200 Diabetic Wound Healing using topical hyperbaric oxygen and electrical stimulation: A prospective, randomized, controlled study. April 1999. Funded New York Chapter American Physical Therapy Association.

Other Scholarly Products:

Patent application number	Description	Published
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20100145413	METHODS AND DEVICES FOR TREATING NEUROPATHY AND LOSS OF PROTECTIVE SENSATION - Certain embodiments described herein are directed to methods for treating loss of protective sensation. In certain embodiments, loss of protective sensation may be restored by application of an effective amount of a pulsed current at, for example, an effective pulse frequency. Devices and systems designed to treat loss of protective sensation are also described.	06-10-2010
20100262202	ELECTRICAL STIMULATION UNIT AND WATERBATH SYSTEM - A method for treating an infected area on a subject, comprising the steps of: exposing the infected area to an aqueous solution; and providing direct current to the aqueous solution to treat the infected area.	10-14-2010
20100331910	ELECTRICAL STIMULATION UNIT AND WATERBATH SYSTEM - A method and apparatus for treating an appendage of a subject. The apparatus provides for exposing the appendage to an aqueous solution; and providing a pulsed current to the aqueous solution to treat the appendage.	12-30-2010

Membership in Scientific/Professional Organizations:

Member of American Physical Therapy Association. Education and Clinical Electrophysiology & Wound Management Sections. Current.
 Member of New York Physical Therapy Association, Inc. Current.
 Member of American Academy of Wound Management. Current.
 Member of The College of Certified Wound Specialists. Current.

Consultative and Advisory Positions Held:

Wound Specialist. Daemen College Physical Therapy Wound Clinic 2012-present
 Wound Specialist. Center for Skin Integrity. Cheektowaga NY. 2005-present.
 Wound Specialist. McGuire Sub-Acute Facilities. Western New York. 2006-present.
 Wound Specialist. Catholic Health Care Centers. Western New York. 2003-2012.

Community Service:

Director, Paiten J. Meyers – Brogan Scholarship Fund, Annual Fund Raiser – Benefits Students With Physical Disabilities in College, Raised over \$100,000.

Services to the University/College/School on Committees/Councils/Commissions:

Invited, Middle States Commission on Higher Education: Accreditation, Periodic Report Reviewer, February-October, 2017, Philadelphia, PA.

Invited, Editorial Advisory Board; Wounds: A compendium of Clinical Research and Practice. Journal of the Association of Advanced Wound Care, December 2015-present

Invited, New York State Physical Therapy Association Research Steering Committee, December 2012-2013.

Invited, Middle States Commission on Higher Education: Accreditation, Periodic Report Reviewer, February-October, 2012, Philadelphia, PA.

Invited Delegation Guest. Beijing University of Chinese Medicine 50th Anniversary, Beijing China. September 12-14, 2006.

Invited Delegation Member to World Health Organization. Western Pacific Region. Manila, Philippines. June 21-23, 2006.

AAC&U Representative. Daemen College. 2006-2007.

Member of Committee for Interdisciplinary Studies. Daemen College. 2005, 2006, 2007.

Member of Core Assessment Committee. Daemen College. 2005, 2006, 2007

Member of Middle States Steering Committee. Daemen College. 2005-2006.

Chair of Outstanding Faculty Member Election Committee, 2006

Member of Faculty Development Committee. Daemen College. 2005.

Member of Promotion & Tenure Committee. Daemen College. 1992-1993, 1993-1994, 1996, 2001-2002, 2003-2004, 2004-2005.

Member of Faculty Senate. Daemen College. 1989-1990, 1990-1991, 1991-1992, 1992-1993, 2003-2004.

Member of Consortium for Environments of Innovative Learning. 2002-2003.

Member of Title III Grant Committee. Daemen College. 2002-2003.

Member of Academic Festival Committee. Daemen College. 2001-2002.

Member of Institutional Outcomes Assessment Planning Committee. Daemen College. 2001 & 2002.

Member of Search Committee for Dean of Student Affairs. Daemen College. 2001.

Member of Search Committee for Director of Student Support Services. Daemen College. 2001.

Member of Search Committee for Director of Executive Leadership. Daemen College. 2001.

Member of First Year Experience Committee. Daemen College. 2001-2002

Member of College Restructuring Committee. Daemen College. 2001.

Member of Core Revision Committee. Daemen College. 2001-2002.

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Member of Educational Policy Committee. Daemen College. 2000-2002.

Member of Research Lab Fundraising Committee. Daemen College. 1999.

Member of 14th Ann. Daemen College Golf Classic Committee. Daemen College. 1998, 1999.

Member of Faculty Search/Physical Therapy. Daemen College Physical Therapy Department. 1986-1993, 1998-1999.

Member of 50th Anniversary Special Events Committee. Daemen College. 1997 & 1998.

Member of Admissions Committee. Daemen College. 1996, 1997.

Member of Middle States Accreditation Steering Committee. Daemen College. 1993-1996.

Member of Physician Assistant Faculty Search. Daemen College. 1995.

Member of Physical Therapy Graduate Review Committee. Daemen College Physical Therapy Department. 1991-1992.

Member of Physical Therapy Academic Standards Committee. Daemen College Physical Therapy Department. 1986-1987, 1991-1993.

Honors and Awards:

2019 Buffalo Business First: Excellence in Health Care Award recipient. Excellence in Health Care Awards recognize the top professionals in Western New York's health care industry. Buffalo, New York, March 28, 2019

2017 Invited, Sponsored Guest of Beijing University of Chinese Medicine to the Characteristic Therapy Workshop for Traditional Chinese Medicine, US Center for Chinese Medicine, Rockville, Maryland, May 23-24, 2017

2016 Featured Clinician: Ostomy Wound Management; Clinical, Academic, and Personal Commitments to Wound Care, by Katherine Blessing. June 2016, 114.

2015 National Federation for Just Communities of Western New York Community Leader Healthcare Award. January 28, Buffalo, NY.

2014 Distinguished Honoree. Association of Fundraising Professionals Western New York Chapter. Buffalo, NY. November, 2014

Fulbright Specialist Roster Candidate. U.S. Department of State's Bureau of Educational and Cultural Affairs (ECA and the Institute of International Education's Council for International Exchange of Scholars (CIES). July 26, 2014

NYSAPTA: Committee Member: RFP Generation and Review: Timing & Sequencing of

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Physical Therapy and its Effect on Downstream Medical Costs. 2013-14

Who's Who in America (multiple years)

Business First's Health Care 50. 2006.

Daemen College Distinguished Alumni Award. 2004.

Robert E. Salant Research Award for Edsberg, Brogan, Jaynes, Fries. The Use of Topical Hyperbaric Oxygen and Electrical Stimulation for the Treatment of Chronic Wounds and Their Effect on Proteins within the Wound and on Associated Epibole: An Exploratory Project. New York Physical Therapy Association Annual Conference & Exhibit Show. Poster Presentation. Long Island NY. October 2002.

Outstanding Faculty Award. Daemen College. 2001.

Who's Who Among America's Teachers. (Multiple Years)

Robert E. Salant Research Award for Kalinowski DP, Brogan MS, Sleeper, MD: A Practical Technique For Disinfecting Electrical Stimulation Apparatus Used In Wound Treatment. Poster Presentation. New York Physical Therapy Association Annual Conference. October 1996.

Who's Who Among America's Teachers. (Multiple Years)

Continuing Education Attended:

SWAC, Spring Meeting, Advanced Wound Care, San Diego Conference Ctr.. San Diego, CA, April 6-10, 2017

CIC, Institute for Chief Academic Officers, New Realities, New Solutions; November 5-8, 2016, New Orleans, LA.

SAWC, Spring Meeting, Advanced Wound Care; Gonzalez Convention Ctr. San Antonio Texas; April 29-May 3, 2015

SAWC, Fall Meeting; Advanced Wound Care for all, September 27-29, 2013, Las Vegas, Nevada.

AAC&U Annual Meeting; January 25-28, 2012, Washington, DC

CICU: Chief Academic Affairs & Chief Officers of Advancement, November 5-7, 2012, St. Petersburg, FLA.

APTA, Combined Sections Meeting, Feb. 9-12, 2011, New Orleans, Louisiana

AAC&U Annual Meeting; January 26-29, 2011; San Francisco, California

The Beijing Forum on Traditional Chinese Medicine (TCM), Beijing China; October, 2010

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Symposium on Advanced Wound Care and Medical Research Forum, Dallas, Texas, April 2009.

The Wound Certification Prep Course, Dallas, Texas, March, 6-8, 2009

Symposium on Advanced Wound Care and Medical Research Forum, San Diego, California, April, 2008

Advances in Wound Management: Contemporary Practice Update, Buffalo, NY November 11, 2006

American Physical Therapy Association Combined Sections Meeting. San Diego CA. February 1-5, 2006.

Commission on Accreditation in Physical Therapy Education. Self Study Accreditation Workshop. Pasadena CA. September 27-30, 2006.

18th Annual Symposium on Advanced Wound Care; 15th Annual Medical Research Forum on Wound Repair. San Diego CA. April 21-24, 2005.

American Physical Therapy Association Combined Sections Meeting. New Orleans LA. Feb. 18-23, 2005.

Academic Chairperson's Annual Conference. Orlando FL. February 2005.

New York Physical Therapy Association Conference and Exhibit Show. Huntington, LI. 2004

American Physical Therapy Association's Academic Administrators SIG Meeting. St. Louis MO. 2004.

Silver Technology; Smith & Nephew. Amherst, NY. March 18, 2004.

American Physical Therapy Association Combined Sections Meeting. Nashville TN. February 4-8, 2004.

Oxygen & Wound Healing. Thomas Hunt MD. Praxair. Tonawanda, NY. November 2003.

Consortium for Innovative Environments of Learning. Hampshire College. Hampshire MA. October 2003

American Physical Therapy Association's Academic Administrators SIG Meeting. San Antonio. October 2003.

National Learning Communities Institute. The Evergreen State College. Seattle WA. June 2003.

American Physical Therapy Association Combined Sections Meeting. Tampa FL. February 2003.

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Consortium for Innovative Environments in Learning. Fairhaven College. Seattle WA. October 2002.

New York Physical Therapy Association Annual Conference & Exhibit Show. Long Island NY. October 2002.

American Physical Therapy Association Academic Administrators Special Interest Group Meeting. New York NY. October 2002.

American Physical Therapy Association Annual Conference & Exposition. Cincinnati OH. June 2002.

15th Annual Symposium on Advanced Wound Care & Medical Research Forum on Wound Repair. Baltimore MD. April 2002.

Consortium for Innovative Environments in Learning. New College. Sarasota FL. February 2002.

American Physical Therapy Association Combined Sections Meeting. Boston MA. February 2002.

Academic Chairperson's Annual Conference. Orlando, FL. February 2002.

Consortium for Innovative Environments in Learning. Pitzer College. Claremont CA. December 2001.

Evidence Based Health Care: Teaching for Tomorrow. State University of New York at Buffalo. 2001.

American Physical Therapy Association Academic Administrators Special Interest Group Meeting. Portland OR. 2001.

16th Annual Skin & Wound Care Clinical Symposium. Orlando FL. 2001.

American Physical Therapy Association National Conference. Anaheim CA. 2001.

American Physical Therapy Association Combined Sections Meeting. San Antonio TX. 2001.

Continuing Education prior to 2001 is available upon request.

Current Teaching Responsibilities in the Entry-level Physical Therapy Program (in sequence, by quarter or semester):

Third Year Professional Phase, fall semester
PT 548 Integumentary Care 01 3.0