VICTORIA ANNE BRANDER, M.D.

<u>Professional Title</u> Medical Doctor

Board Certified in Physical Medicine and Rehabilitation

Expert in Arthritis and Orthopaedic Rehabilitation

Associate Clinical Professor

Northwestern University Feinberg School of Medicine

Chicago, Illinois

Personal Information

Office: Northwestern Orthopaedic Institute, LLC

680 North Lake Shore Drive, Suite 1028

Chicago, Illinois 60611

Phone: 312-664-6848 or 312-475-5566 Facsimile: 312-664-9274 or 312-475-5625

EDUCATION

Undergraduate Education

1980-1982

Northwestern University Evanston, Illinois

Bachelor of Medical Science

Six Year Honors Program in Medical Education

Graduate Medical Education

1982-1986

Northwestern University Medical School Chicago, Illinois

Medical Doctorate

Residency

1986-1987

Physical Medicine and Rehabilitation

Internship, Transitional

West Suburban Hospital Oak Park, Illinois

Postdoctoral Training

1987-1990

Northwestern University Medical School and Rehabilitation Institute of Chicago Chicago, Illinois

BOARD CERTIFICATION AND MEDICAL LICENSURE

National Board of Medical Examiners Chicago, Illinois July, 1987

American Board of Physical Medicine and Rehabilitation Chicago, Illinois May, 1992

FACULTY AND HOSPITAL APPOINTMENTS

University Academic Appointments

1990-1994

Instructor

Northwestern University Medical School, Chicago, Illinois Department of Physical Medicine and Rehabilitation

2009 - Present

Associate Professor, Clinical

Northwestern University Feinberg School of Medicine, Chicago, Illinois Department of Physical Medicine and Rehabilitation

1994-2009

Assistant Professor, Clinical

Northwestern University Feinberg School of Medicine, Chicago, Illinois Department of Physical Medicine and Rehabilitation

2006-present

Visiting Professor

West China Hospital of Sichuan University, Chengdu, China

Department of Orthopedic Surgery and Rehabilitation

November, 2006

Visiting Professor

Zhejiang Provincial Hospital of Traditional Chinese Medicine, Hangzhou, China Department of Orthopedic Surgery

Hospital Appointments

1990-present Attending Physician Northwestern Memorial Hospital Chicago, Illinois

1990-2001 Attending Physician Rehabilitation Institute of Chicago Chicago, Illinois

1992-1997 Consultant in PM&R Northwestern Medical Faculty Foundation Chicago, Illinois

1994-1999 Attending Physician West Suburban Medical Center Oak Park, Illinois

ADMINISTRATIVE APPOINTMENTS

1990-1991 Strategic Planning Committee Rehabilitation Institute of Chicago Chicago, Illinois

1990-1992 Associate Director, Arthritis Program Rehabilitation Institute of Chicago Chicago, Illinois

1990-1994 Budget and Finance Committee Rehabilitation Institute of Chicago Chicago, Illinois

1990-2001 Director, Arthritis Program Rehabilitation Institute of Chicago Chicago, IL 1990-present Medical Utilization Review Committee Rehabilitation Institute of Chicago Chicago, Illinois

1992-1995 Co-Chairperson Continuous Quality Improvement Committee Rehabilitation Institute of Chicago Chicago, Illinois

1992-1996 Director, Arthritis Program Rehabilitation Institute of Chicago Chicago, Illinois

1992-1999 Chairperson, CPR Committee Rehabilitation Institute of Chicago Chicago, Illinois

1993-1998 Executive Medical Staff Committee Rehabilitation Institute of Chicago Chicago, Illinois

1994-August through December Acting Director Consult Liaison Service - Northwestern Memorial Hospital Chicago, Illinois

1994-1996 Medical Director, ContinuCare RIC at West Suburban Hospital Oak Park, Illinois

1994-1996 Medical Director, Rehabilitation Services West Suburban Hospital Oak Park, Illinois

1996-1998 Medical Director, ContinuCare at 345 Rehabilitation Institute of Chicago Chicago, Illinois 1998-2001

Medical Director, Arthritis Center Rehabilitation Institute of Chicago Chicago, Illinois

2002-present Co-Director Northwestern Arthritis and Rehabilitation Institute

Chicago, IL

2007-present Co-Director

West China Hospital of Sichuan University, Chengdu, China Center for Orthopaedic Surgery Education and Training (COSET)

COMMITTEE SERVICE

University Committee Appointments

1993-1994 Member Search Committee for Chairman Dept. PM&R Northwestern University Medical School

1994

Member Strategic Planning Committee, Subcommittee on Students Northwestern University Medical School

1999-2001 Member Honors Program in Medical Education (HPME) Admissions Committee Northwestern University Medical School Chicago, Illinois

AWARDS AND HONORS

June, 1986 Intern of the Year West Suburban Hospital Oak Park, Illinois 1988-1989

Assistant Chief Resident Physical Medicine and Rehabilitation Northwestern University Medical School Rehabilitation Institute of Chicago Chicago, Illinois

1989-1990 Chief Resident Physical Medicine and Rehabilitation Northwestern University Medical School Rehabilitation Institute of Chicago Chicago, Illinois

1993-1994 Falk Medical Research Scholar Rehabilitation Institute of Chicago Chicago, Illinois

1997-1999 Falk Medical Research Scholar Rehabilitation Institute of Chicago Chicago, Illinois

June, 2000 Senior Research Mentor of the Year Department of PM & R Northwestern University Medical School Chicago, Illinois

February, 2003 Knee Society Ranawat Award Best Knee Research Paper American Academy of Orthopaedic Surgeons

February, 2007 Knee Society's John Insall Award Best Knee Research Paper, "Pain and Depression Influence Outcome 5 Years after Knee Replacement Surgery" American Academy of Orthopaedic Surgeons November, 2008

Foundation for Physical Medicine and Rehabilitation

Research paper of the Year 2008

Brander V, Gondeck S, Martin E, Stulberg SD, "Pain and Depression Influence Outcome 5 Years after Knee Replacement Surgery." Clinical Orthopaedics and Related Research. 2007 November, 464: 21-26.

December, 2008

Brander V, "Prospective, Single-Arm Pilot Study Evaluating the Safety and Efficacy of Two Hylan G-F 20 Injections in Patients with Advanced, Painful Glenohumeral Osteoarthritis with or without Rotator Cuff."

Presidents Citation Award for 2008 for Outstanding Research in the Field of Physical Medicine and Rehabilitation

PROFESSIONAL SOCIETY MEMBERSHIPS

American Medical Association
Chicago Medical Society
American Academy of Physical Medicine and Rehabilitation
Illinois Society of Physical Medicine and Rehabilitation
American College of Rheumatology
Arthritis Foundation

TEACHING

"Excellence in Joint Replacement – I"
Rehabilitation Institute of Chicago Department of Education and Training
Chicago, Illinois
May 1994

"Excellence in Joint Replacement – II"
Rehabilitation Institute of Chicago Department of Education and Training Chicago, Illinois
May 1995

"Excellence in Joint Replacement III" Rehabilitation Institute of Chicago Department of Education and Training Chicago, Illinois May 1996

Course Co-Chair
"Excellence in Joint Replacement IV"
Rehabilitation Institute of Chicago Department of Education and Training
Chicago, Illinois
May 1997

Course Co-Chair "Update in Joint Reconstruction" – Rehabilitation Institute of Chicago, NMH, and Italian Association of Orthopedics & Traumatology. Lake Como, Italy.

June 1997

"Rehabilitation after Hip and Knee Replacement" Invited Guest Faculty Department of Physical Medicine and Rehabilitation Baylor University Houston, Texas September 1997

Course Co-Chair
"Excellence in Joint Replacement V"
Rehabilitation Institute of Chicago Department of Education and Training
Chicago, Illinois
May 1998

"New Therapies for Osteoarthritis"
Division of Geriatrics, Department of Internal Medicine
Northwestern University Medical School
Chicago, Illinois
June 1998

"Comprehensive Approach to Arthritis" Northwestern University Department of PM&R Summer Extern Lecture Series Northwestern University Medical School Chicago, Illinois July 1998

"Viscosupplementation Therapy"
American Orthopedic Association Annual Meeting
Kohler, Wisconsin
September 1998

"The Continuum of TJA Care" Cambridge Health Resources Boston, Massachusetts October 1998

"Alternative Therapies for Arthritis: Separating Fact From Fiction" Chicago Cultural Center and Arthritis Foundation, hosts Chicago, Illinois October 1998 "Total Hip and Knee Replacement"
Department of Physical Medicine and Rehabilitation
Northwestern University Medical School
Chicago, Illinois
October 1998

Course, Co-Chair

"Total Joint Replacement: Controlling Costs and Improving Outcomes" Cambridge Health Resources Boston, Massachusetts October 1998

"The Impact of Activity on Outcome After THA"
Grand Rounds
Department of Rheumatology
University of Illinois Medical Center
Chicago, Illinois
December 1998

"The Impact of Strength, Flexibility and Activity on Outcome After THA" Grand Rounds, Department of Physical Medicine and Rehabilitation Northwestern University Medical School Chicago, Illinois December 1998

"Total Shoulder Arthroplasty"
Department of Physical Medicine and Rehabilitation
Northwestern University Medical School
Chicago, Illinois
December 1998

"Viscosupplementation for Knee Osteoarthritis" Grand Rounds St. James Hospital Chicago Heights, Illinois February 1999

"The Impact of Activity on Outcome after THA"
Orthopedic Surgery Lecture Series
Midwest Clinical Conference
Chicago Medical Society
February 1999

"Strategies to Manage Osteoarthritis" Northwestern Memorial Hospital *Lifetime of Health* lecture series Chicago, Illinois

April 1999

Course Co-Chair "Excellence in Joint Replacement VI" Rehabilitation Institute of Chicago Department of Education and Training Chicago, Illinois May 1999

"Viscosupplementation"
CME lecture sponsored by Wyeth Ayerst and Biomatrix pharmaceuticals
Balmoral Woods Country Club
Crete, Illinois
June 1999

"Orthopedic Rehabilitation: The United States Model" Invited Faculty

La Riabilitazione verso il'02000

Italian National Congress of Physiatrists Annual Meeting
Bellaria di Rimini, Italy
September 1999

"Osteoarthritis and Viscosupplementation"
Sponsored by Biomatrix
Annual Fall Symposium
St Joseph's Health Center Pharmacy and Therapeutics Committee
Kansas City, Missouri
October 1999

"Alternative Therapies for Osteoarthritis" Northwestern University Medical School Department of Medicine, Division of Geriatrics Buehler Center on Aging March 2000

"Knee Osteoarthritis"
Invited Guest Lecturer
Berkheiser Memorial Lecture
Chicago Medical Society
Midwest Clinical Conference
Chicago, Illinois
March 2000

"Viscosupplementation"
Illinois Academy of Family Physicians
March 2000

"Alternative Therapies for Osteoarthritis" Illinois Academy of Family Physicians March 2000

"Fibromyalgia" Chicago Chapter, Arthritis Foundation May 2000

"Fibromyalgia"
Illinois Academy of Family Physicians
West Suburban Hospital
Oak Park, Illinois
October 2000

"Pathophysiology of Osteoarthritis"
Guest Educator

A Physician Educational Sponsored by Wyeth-Ayerst Pharmaceuticals The Plaza Hotel New York City, New York October 2000

"Treating Knee Osteoarthritis"

Geriatrics Conference

Sponsored by Buehler Center on Aging, NUMS Department of Geriatrics, and Geriatrics Magazine

Navy Pier, Chicago, Illinois

October 2000

"Alternative Treatments for Osteoarthritis: A Focus on Viscosupplementation" Biomatrix Sponsored Lecture Rockford, Illinois November 2000

"Rehabilitation after Total Joint Replacement: An Evidence Based Approach" Guest Lecturer
American Academy of Physical Medicine and Rehabilitation Annual Meeting San Francisco, California
November 2000

"Rehabilitation of Knee Osteoarthritis – Part I" Northwestern University Department of PM&R Rehabilitation Institute of Chicago December 2000

"Rehabilitation in the Rheumatic Diseases"

Baylor Annual PM&R Review Course February 2001

"Rehabilitation after TJR: An Evidence Based Approach" Baylor Annual PM&R Review Course February 2001

"Osteoporosis"
Baylor Annual PM&R Review Course
February 2001

"The Best Exercise Regimes"
The Arthritis Center Fall 2002 Program of Speakers
Wyeth Laboratories Sponsored Lecture
Chicago, Illinois
November 2002

"Prevention of Hip and Knee Injury and Osteoarthritis" Presented to United States Professional Tennis Association Annual Meeting (USPTA) January 2003

"Hip or Knee Replacement: Building to the Decision to Operate" The Arthritis Center Fall 2002 Program of Speakers Wyeth Laboratories Sponsored Lecture Chicago, Illinois January 2003

"Osteoarthritis: State of the Art Advances" Pfizer Pharmaceuticals Genzyme Corporation. Chicago, Illinois February 2003

"Planning for Total Hip and Knee Surgery" Arthritis Foundation Chicago, Illinois February 2003

"Predicting Pain after TKA"
Grand Rounds
Schwab Rehabilitation Hospital
Chicago, Illinois
April 2003

[&]quot;Alternative Treatments for Pain in Arthritis" Keynote Speaker

Arthritis Foundation Annual Symposium Chicago, Illinois May 2003

"Arthritis: Mind and Body" Keynote Address Arthritis Foundation Annual Conference Rolling Meadows, Illinois May 2003

"Arthritis: Mind and Body" Presenter Chicago Department on Aging 2003 Citywide Senior Citizens Conference Chicago, Illinois May 2003

"Evidence-Based Approach to Rehabilitation" ACR/AHRP 28th Annual Scientific Meeting Orlando, Florida October 2003

"Optimizing Non-Surgical Care for Patients with Arthritis of the Hip and Knee." Grand Rounds
West China Hospital of Sichuan University
Chengdu, China
September 2005

"Operation Walk China"
Grand Rounds
Northwestern University Medical School Department of Orthopedics
Chicago, Illinois
March 2006

"Rehabilitation For Hip and Knee Arthroplasty"
Grand Rounds
Department of Orthopedic Surgery
Zhejiang Provincial Hospital of Traditional Chinese Medicine
Hangzhou, China
November, 2006

"Comprehensive Non-Surgical Care for TKA."
Grand Rounds
West China Hospital of Sichuan University
Chengdu, China
November 2006

Medical Student Research Summer Externship Mentor

Northwestern University Feinberg School of Medicine

"Two Hylan GF-20 Injections Reduce Osteoarthritic Shoulder Pain and Improve Function for 6 Months." Ameer Gomberawalla 2007 – present "Pain and Depression Influence Outcome 5 Years after Knee Replacement Surgery." Steve Gondek and Emily Martin 2006-2007

"Rehabilitation After Joint Replacement"
Department of Orthopedic Surgery
Tierra Nueva
Quito Ecuador
November 2007

Course Director
"Joint Injection Workshop"
Cadaver-based Peripheral Joint Injection Skills Training Lab
Northwestern Center for Advanced Surgical Education (N-CASE)
Northwestern University, Chicago, Illinois
October 2007

Resident Continuity Clinic Training in ambulatory musculoskeletal medicine Northwestern University's Department of PM & R Chicago, Illinois January 2008 – present

Northwestern University Feinberg School of Medicine Resident Research Advisor "Nonsurgical management of Femoral Acetabular Impingement Syndrome" Mahesh Polavarapu and Haney El-Rashidi MD Chicago, Illinois 2008-present

RESEARCH GRANTS

Site Principal Investigator OVATION Study

"A Prospective, Randomized Double Blind Trial of Hylan GF-20 vs. Depomedrol for Mild to Moderate Osteoarthritis of the Hip"

Genzyme Corporation

\$160,000 November 2003 - 2006

Principal Investigator

"Phase IV Open Label Trial of Hylan GF-20 for Symptomatic Osteoarthritis of the Shoulder"

Wyeth Ayest Pharmaceuticals \$65,000 January 2004 - 2008

Site Principal Investigator

"Phase I Study Investigation the Safety. Tolerability and Efficacy of Direct Intra-articular Injection of a Combination of Verapamil and Diltiazem in Patients with Osteoarthritis of the Knee"

Caolsyn Pharma, Inc \$80,000 April 2008-present

PROFESSIONAL PUBLIC SERVICE

International Appointments

Co-Founder and Director

Operation Walk Chicago

Not-for-profit organization that provides free hip and knee replacements to impoverished patients through out the world, teaches in-country clinicians and establishes ongoing programs to reduce arthritis related disability.

Pune, India-January, 2009

Quito, Ecuador-November, 2007

Hangzhou, China-November, 2006

Chengdu, China-November, 2006

Chengdu, China-August, 2005

Panel Consultant

International Consortium to Develop Guidelines for Hip and Knee Replacement

Rehabilitation

Marie Westby, PhD, Principal Investigator

Vancouver, Canada

National Appointments

Panel Consultant

NIH Consensus Committee

Workshop to Develop a Research Agenda on Appropriate Settings for Rehabilitation Bethesda, Maryland- February, 2005

Panel Consultant

NIH Consensus Committee

NIH consensus Development Conference on Total Knee Replacement

Bethesda, Maryland - December, 2003

Advisory Committee NIH-CDC Consensus Committee Establishing National Policy on Primary and Revision Total Knee Arthroplasty Atlanta, Georgia - December, 2003

Chairperson, Rheumatologic Rehabilitation Special Interest Group American Academy of PM&R 1996-2006

Chairperson

Rheumatologic and Orthopedic Conditions Subcommittee Study Guide 2000 Committee American Academy of Physical Medicine and Rehabilitation 1998-2000

Budget and Finance Committee American Academy of PM&R 1996-1998

Member, Self Assessment Exam Committee Joint and Connective Tissue Diseases Faculty American Academy of Physical Medicine and Rehabilitation 1998-2001

Member, Arthritis Task Force: <u>Setting a National Agenda</u> Centers for Disease Control, National Arthritis Foundation 1998

Advisory Board Arthritis Foundation Daily Activities Task Force Chapel Hill, North Carolina March 14-15, 1997

Secretary/Treasurer Executive Committee on Rehabilitation American College of Rheumatology 1992-1995

Member, Sub Acute Rehabilitation Task Force American Academy of PM&R 1994

Health Policy and Legislation Committee American Academy of PM&R 1990-1993 Chairman, Resident Physician Section Health Policy and Legislation Committee American Academy of PM&R 1989-1990 State and Local Appointments

Board of Directors Arthritis Foundation, Chicago Chapter 1997-2005

Member Public Policy and Advocacy Committee Arthritis Foundation, Chicago Chapter 1997-present

President Illinois Society of PM&R 1995-1997

Board of Directors Rehabilitation Institute of Chicago Chicago, Illinois 1991-1999

Consultant, Position Statement "Hip Fracture in Seniors: A Call For Health Care Reform" Committee on Health Care Delivery American Academy of Orthopedic Surgeons April, 1998

Vice President Illinois Society of PM&R 1994-1995

Advisor Board of Directors Injury Prevention Program Rehabilitation Institute of Chicago 1991-1993

Junior Board of Directors Arthritis Foundation Chicago, Illinois 1993

EDITORIAL SERVICE

Guest Editor

State of the Art Reviews In Physical Medicine and Rehabilitation: Hip and Knee Rehabilitation. Vol. 16 (3) October, 2002

Contributing Editor Rheumatology Rehabilitation Core Curriculum American College of Rheumatology 1996

SCHOLARLY BIBLIOGRAPHY

Refereed Journal Articles

Brander V, Gondeck S, Martin E, Stulberg SD, "Pain and Depression Influence Outcome 5 Years after Knee Replacement Surgery." Clinical Orthopaedics and Related Research. 2007 November, 464: 21-26.

Brander V, Stulberg SD. "Rehabilitation after hip- and knee-joint replacement. An experience- and evidence-based approach to care." American Journal Physical Medicine & Rehabilitation. 2006 November, 85(11):S98-118.

Jones D, Westby M, Greidanus N, Johanson N, Krebs D, Robbins L, Rooks D, **Brander V**, "Update on Hip and Knee Arthroplasty: Current State of Evidence." Arthritis & Rheumatism. 2005 October 15, 53(5): 772-780.

Brander V, Stulberg, S., Adams, A., Harden, R. Norman, Bruehl, S., Stanos, S., Houle, T. "Predicting Those At Risk For Greater TKA Pain: A Prospective Observational Study." Clinical Orthopaedics and Related Research. Lippincott Williams and Wilkins. 2003, 416: 27-36

Brander V, Mullarkey C, Stulberg S. "Rehabilitation After Total Joint Replacement For Osteoarthritis: An Evidence-Based Approach" In: State of the Art Reviews In Physical Medicine and Rehabilitation: Osteoarthritis. Stitik, TP, ed., 2001, 15(1): 175-197.

Brander V, Mullarkey C, Brown, L, Stulberg S. "Rehabilitation After Hip Replacement: An Evidence-Based Approach" Biomechanics, July, 2000.

Brander V., Kaelin D, Lim A, Oh T. "Study Guide 2000. Rehabilitation of Rheumatologic and Orthopedic Disorders: Degenerative Arthritis" Arch Phys Med Rehabil, 2000 Mar; 81(3 Suppl 1): S67-72.

Lim A, **Brander V**, Oh T, Kaelin D. "Study Guide 2000. Rehabilitation of

Rheumatologic and Orthopedic Disorders: Osteoporosis". Arch Phys Med Rehabil, 2000 81(3 Suppl 1): S 55-59.

Oh T, Lim A, Kaelin D, **Brander V**. "Study Guide 2000. Rehabilitation of Rheumatologic and Orthopedic Disorders: Inflammatory Arthritis and Seronegative Arthopathies" Arch Phys Med Rehabil, 2000 81(3 Suppl 1): S 60-66.

Kaelin D, Oh T, Lim A, **Brander V**. "Study Guide 2000. Rehabilitation of Rheumatologic and Orthopedic Disorders: Musculoskeletal Conditions" Arch Phys Med Rehabil, 2000 81(3 Suppl 1): S 73-77.

Brander V., Malhotra S., Jet J, Stulberg SD "Outcome of TJA in Persons Aged 80 and Over" Clinical Orthop Rel Res, 1997, 345: 67-78.

Hudgins T., **Brander V**, Chang RW "Advances In Rehabilitation For Persons with Arthritis and Musculoskeletal Diseases" Current Opinion in Rheumatology, 1997 9(2)

Kim AW, Rosen AM, **Brander V**, Buchanan TS "Selective Muscle Activation Following Electrical Stimulation of the Collateral Ligaments of the Human Knee Joint." Arch Phys Med Rehabil, 1995, 76:750-757.

Brander V, Hinderer S, Oh T, Alpiner N "Rehabilitation in Joint and Connective Tissue Diseases: Limb Disorders" Arch Phys Med and Rehabil., 1995 76(5):S-47-57.

Oh T, **Brander V**, Hinderer S, Alpiner N "Rehabilitation of Joint and Connective Tissue Disease: Inflammatory and Degenerative Spine Diseases" Arch Phys Med Rehabil, 1995, 76(5) S41-47.

Alpiner N, Oh T, Hinderer S, **Brander V** "Rehabilitation in Joint and Connective Tissue Disesaes: Systemic Disease". Archives of Phy Med and Rehabil., 1995, 76(5) S-32-41.

Brander V, Stulberg SD, Chang R "Rehabilitation After Hip and Knee Arthroplasty" In: PM&R Clinics of North America, 1994, 5(4): 815-836.

Brander V, Stulberg S, Chang, R: Life After Total Hip Arthroplasty" In: Bulletin on the Rheumatic Diseases, 1993, 42(3): 1-5.

Brander V, Chang H, Chang R "Rehabilitation and Biomechanics" Current Opinion in Rheumatology, 1992, 4(2): 174-178.

Brander V, Lim P – "The Shoulder in Rheumatoid Arthritis: J Back Musculoskeletal Rehabilitation, 1992, 292:46-52.

Katz R, **Brander V**, Sahgal V – "Post-Traumatic Hydrocephalus" Am. J. Physical Medicine Rehabilitation, 1989, 68:91-956.

Books and Book Chapters:

Brander V, Stulberg SD. Rehabilitation after Lower Limb Joint Reconstruction. In: DeLisa J, editor. Physical Medicine and Rehabilitation, Principles and Practice. 2005. Volume 1, p.855-872.

Brander V, Mullarkey, C. "Rehabilitation After Total Hip Replacement for Osteoarthritis." Physical Medicine and Rehabilitation: State of the Art Hip and Knee Rehabilitation. Brander, V. Ed. 2002, 16 (3): 415-430.

Mullarkey, C, **Brander, V.** "Rehabilitation After Total Knee Replacement for Osteoarthritis. Physical Medicine and Rehabilitation. Brander, V. Ed., 2002, 16 (3) 431-444.

Muellner, P., **Brander, V.** "Rehabilitation of Painful Knee Osteoarthritis." Physical Medicine and Rehabilitation. Brander, V. Ed., 2002, 16 (3) 445-458.

Muellner, P., **Brander, V.** "Arthritis Pain" Pain Management in Rehabilitation. Monga, TN, Grabois, M. Ed. 2002, 205-232.

Brander V, Oh T, Alpiner N "Arthritis" In: *Physical Medicine and Rehabilitation: The Complete Approach*. Grabois, M, ed, WB Saunders 1999.

Muellner M and **Brander V** "Arthritis" In: *Pain Management In Rehabilitation*. Monga, T and Grabois M, ed. Demos Medical Publishing, New York (in press)

Brander V "Rehabilitation After Joint Replacement" In: *Rehabilitation of Persons with Rheumatoid Arthritis*, Chang RW, ed. W.B. Saunders, 1995.

Brander V "Functional Limitations Associated with Rheumatoid Arthritis: A Guide to Rehabilitation Prescription. In: *Rehabilitation of Persons with Rheumatoid Arthritis*, Chang RW, ed. W.B. Saunders, 1995, 33-42.

Non-refereed Publications:

Allen RA, **Brander VB**, Stulberg SD: <u>Arthritis of the Hip & Knee: The Active Person's Guide to Taking Charge.</u> Peachtree Press, 1998, Atlanta (15,000 copies in print).

Brander V, Mullarkey C, Stulberg S. "Totally Hip" Advance For Directors In Rehabilitation, 2001, 11(3): 43-46.

Brander V. "Finding The Best Care." In: ArthritisUpdate. A Consumer Journal published by the Arthritis Foundation, Greater Chicago Chapter. Spring 2001.

Brander V. "Rehabilitation." In: Castle Connelly Guide To Elder Care. Winter 2000.

Audio-Visual Media Presentations and Related Activities

Interviewed by Elizabeth Brackett, regarding Operation Walk Chicago *Chicago Tonight*Public Broadcast System (PBS) Chicago Channel 11
2006, 2007

Guest physician expert on anti-inflammatory drug side effects Evening News CBS Broadcasting, Chicago

Guest Physician Moderator
"Arthritis"
Chicago Tomorrow
Public Broadcasting System (PBS) Chicago Channel 11
May 15, 2000

"Rehabilitation After Hip Replacement"

Arthritis Active Day website contributor ahn.com

Sponsored by American Health Network and Arthritis Foundation
May 18, 1999

Meet The Doctor WGN-TV News May 13, 1998

"The Aches of Arthritis"

HealthVision Video Educational Programs For Patients and Families
Rehab Training Network, 1998

"Preventing Osteoporosis: Building Bones" Health Vision Video Educational Programs For Patients and Families Rehab Training Network, 1998

"Arthritis Chat"
Guest Physician, with S. David Stulberg, MD
American Association of Retired Persons (AARP) Website

"Rehabilitation After Joint Replacement"
Continuing Education Program
Live Satellite Broadcast
Rehab Training Network
Washington, DC 1997

"Staying Active Despite Arthritis" Notables Chicago Tribune *Womanews* Section September 6, 1998

Interviewed by Bob Condor, health reporter In: "Hip, Hip Hooray" Chicago Tribune Tempo Section Thursday, June 25, 1998

Interviewed by Bob Condor, health reporter In: "Exercise is still possible after hip surgery" Printed in Houston Chronicle, Rochester Democrat and Chronicle, and Tallahassee Democrat June, 1998

Interviewed by Bob Condor, health reporter "Those with arthritis don't have to stick to the sidelines anymore" Colorado Springs Gazette
June 30, 1998

Interviewed by Georgia Court, health reporter "Drugs, proper diet prevent hip fractures" The Cincinnati Post Wednesday, June 17, 1998

Interviewed
"What You Need To Know About Hip Replacement"

Lifetimes
Blue Cross and Blue Shield national publication
July 1998

Abstracts/Papers/Poster Presentations

Westby MD, Carr S, Kennedy D, **Brander V**, Bell M, Doyle-Waters M, Backman C. "Post-acute physiotherapy after primary total hip arthroplasty: A Cochrane systematic review." Arthritis & Rheumatism 2009; 60(10):Supplement S424-5. Paper Presentation Association of Rheumatology Health Professionals

Association of Rheumatology Health Professionals Philadelphia, PA October 2009

Brander V, Gomberawalla A, Chambers M, Bowen M, Nuber G. "Two Hylan GF-20 Injections Reduce Osteoarthritic Shoulder Pain and Improve Function For 6 Months." Paper Presentation

Mid-America Orthopedic Association Annual Meeting

Orlando, Florida April 2008

Brander V, "Hylan GF-20 Reduces Pain and Improves Satisfaction in Young Patients with Painful Shoulder Osteoarthritis." Poster Presentation International Society Arthroscopy and Knee Orthopedic Surgery (ISAKOS) Florence, Italy, May 2007

Brander V, "Hylan GF-20 Reduces Pain and Improves Satisfaction in Young Patients with Painful Hip Osteoarthritis." Poster Presentation International Society Arthroscopy and Knee Orthopedic Surgery (ISAKOS) Florence, Italy, May 2007

Brander V, Gondeck S, Martin E, Stulberg SD, "The Natural History of Pain in Total Knee Arthroplasty: Predictors of Pain At 5 Years After Surgery." Paper Platform Presentation American Academy of Orthopaedic Surgeons Annual Meeting San Diego, California, February 2007

Brander V, Ghate R, Stulberg SD, "The Natural History of Leg Length Discrepancy After Total Hip Arthroplasty." Paper Presentation
American Academy of Orthopaedic Surgeons Annual Meeting
San Diego, California, February 2007

Brander V, "Who Best Responds to Hylan G-F 20 Injections?" Poster Presentation
American Academy of Orthopaedic Surgeons Annual Meeting San Diego, California, February 2007

Brander V, Nuber G, Bowen M, Stulberg SD, Galazka B. "Intra-articular Injections of Hylan G-F20 for the Treatment of Shoulder Osteoarthritis." Poster Presentation Mid-America Orthopedic Association 23rd Annual Meeting. San Antonio, TX, April 2006.

Consultant Activity

Speaker and Consultant, Genzyme 2007- present

Scientific Advisor, Calosyn Pharma 2008 – present

Consultant, Medical

Achieve Orthopedic Rehabilitation 2006 - present

Speakers Bureau Arthritis Foundation, Chicago Chapter 1998-present