

CURRICULUM VITAE

Name: Sujoy Bose. PT, DPT, MHS, BSPT, CCS.

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Name of Program & Institution: Marshall University, College of Health Professions, School of Physical Therapy

Education

Doctorate in Physical Therapy - Des Moines University, Des Moines, IA - (2008-2010) - *Capstone Title: Strength Outcomes to Exercise in Acute Steroid Myopathy*

Master in Health Sciences (Physical Therapy) – University of Indianapolis – Indianapolis, IN - (2001-2008) - Dual-Track Orthopedics & Neurology

Bachelor in Physical Therapy - University of Calcutta, Calcutta, India (1994-1995)

Diploma in Physical Therapy - National Institute for the Orthopaedically Handicapped, Calcutta, India (1988-1992)

Licensure / Registrations #s

West Virginia **PT License:** PT003282 – 01/27/2014 – 01/31/2016

Washington **DC PT License:** PT871532 – 01/31/2015 – 01/31/2017

Michigan **PT License** – 5501007326: 8/21/1996 – Present (Exp: 7/31/2015)

Indiana **PT License:** 05005229A - 12/31/1996 – 06/30/2006

Medicare **NPI:** 1619094034

CAQH Registration: 12320045

Employment and Positions Held:

Assistant Professor:	Marshall University, School of Physical Therapy – Tenure Track	Jan 2014– Present
<i>CLINICAL PRACTICE</i>	Staff – Cabell Huntington Hospital, WV	March 2014-
	Staff - Charleston Area Medical Center, Charleston WV	Current
Clinical Specialist	Detroit Medical Center / Vanguard Health System / Tenet Healthcare	1999 – 2014
Home Care Physical Therapist:	Part-time - Multiple Home-health agencies in Detroit, MI region	2000-2014
Staff PT – Long-term Care:	Part-time – Multiple Extended Care Facilities in Metro Detroit	2000-2014
Part-time Faculty:	Wayne State University - School of Physical Therapy	Jan 2012 - Dec. 2013
Adjunct Faculty:	Wayne State University – School of Occupational Therapy	2000 – 2004

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Traveling PT / Director of Rehab / Staff therapist	Multiple Organizations {Therapists Unlimited, Grand Rapids, MI, SouthCoast Rehabilitation, CA (MI division) / Allied Rehabilitation, Bloomfield Hills MI}	1995-1999
Staff therapist / Consultant PT	BM Birla Heart Research Center / Alpha Centauri Critical Care	1991-1995

Peer Reviewed Publications

Curry M, Mehta S, Chaffin J, Duran E, Washington B, **Bose SS**. The Effect of Low-Volume, High-Intensity Interval Training on Blood Glucose Markers, Anthropometric Measurements, and Cardiorespiratory Fitness in Patients with Type II Diabetes. *Crit Rev Phys Rehabil Med*. 2015. Forthcoming Article. **DOI:** 10.1615/CritRevPhysRehabilMed.2015014122.

Gorman SL, Hakim WE, Johnson W, **Bose S**, et al. Nationwide acute care physical therapy practice analysis identifies knowledge, skills, and behaviors that reflect acute care practice. *Phys Ther*. 2010; 90(10): 1-15.

Peer Reviewed Scientific and Professional Presentations

None

Abstracts

None

Non-Peer Reviewed Publications

Basu, S. Sending Signals. *Adv. for Dir. in Rehabili.* 2001; 10:10:39

Non-Peer Reviewed Presentations

ACADEMIC:

Basu S. *Neurologic Pathways*. School of OT, Wayne State University. Feb. 23, 2004

Basu S. *Therapeutic Exercise*. School of OT, Wayne State University. 2000-2002

Basu S, Pellerito J. *Motor Control*. School of OT, Wayne State University. 2000-2002

Basu S. *Functional Ambulation*. School of OT, Wayne State University. 2000-2002

Basu S. *Balance: Dysfunction and Assessment*. School of OT, Wayne State University. 2000-2002

Basu S, Pellerito J. *Transfers*. School of OT, Wayne State University. 2000-2002

Basu S. *Cardiovascular Review - Investigations in Cardiology*. School of PT, Wayne State University. 2001

NON-ACADEMIC

Invited Presentation: *Get Moving! Exercise and Movement for Optimal Health* – Hemophilia Foundation of Michigan – Women's Retreat - 2006

Basu S. *Concepts in Mechanical Ventilation – A Primer for Rehab Therapists*. Harper University Hospital. 2006

Basu S. *Rehabilitation in the ICU. Nursing Grand Rounds: The DMC Health System*. 2003

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Basu S. *Therapists guide to Parkinson's disease.* Harper University Hospital, 2001.

Basu S. *Paraplegia: Differential Diagnosis and Types.* Harper University Hospital, 2001.

Basu S. *Cardiovascular Review for Therapists.* Detroit Medical Center. 2000. Butterworth Health System. 1997-98.

Funded/In Review Grant Activity

None

Other Scholarly Products / Activities

Advanced Clinical Instructor Education and Credentialing Program (CIECP) - 2012

Board Certified in Cardiovascular & Pulmonary PT – The American Board of Physical Therapy Specialties (ABPTS), May 2012.

American Physical Therapy Association Certified Clinical Instructor – 2008

Subject Matter Expert – Past Member - American Physical Therapy Association Task-force on Board Certification in Acute Care Practice for PTs.

Acute Care Curriculum Design - DPT Program at Dept. of PT, Wayne State University – 2006

Major Research Interests

Physical Therapists as a Hospitalist Service in Acute Care Environments and Primary Care Responsibilities:

- Reduction of hospital readmission rates for people with chronic diseases
- Differential diagnosis by Physical Therapists in Complex medical scenarios in the Acutely Ill
- Musculoskeletal complications of high-dose steroid treatment in Graft vs. Host disease

Projects with Students	<i>Understanding the clinical practice patterns involving implementation of national disease management guidelines for Congestive Heart failure by physical therapists in acute care setting</i>	2014-'16
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Continuing Education Workshops Conducted / Organized

Facilitator: Inter-Professional Education – Marshall University – Jan – Feb, 2014

Facilitator: Malone J. Management of the Complex Acute Care Patient – Detroit Medical Center – March 16-17, 2013

Membership in Scientific / Professional Organizations

Membership

American Physical Therapy Association (APTA) – 2001 – Present

Michigan Chapter – American Physical Therapy Association – 2001-Present

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West Virginia Chapter – American Physical Therapy Association – 2014 – Present

Acute Care Section, American Physical Therapy Association – 2001 – Present

Cardiovascular & Pulmonary Section - American Physical Therapy Association – 2001 – Present

Indian Association of Physiotherapists (IAP) – Life Member 1995

Officerships

Secretary, Acute Care Section, American Physical Therapy Association– Term 2010-12 & 2013-15

Treasurer – Michigan Physical Therapy Association – Eastern District – 2009-2011

Chair, Nominating Committee - Michigan Physical Therapy Association-Eastern District – 2007 – 2009

Consultative and Advisory Positions Held

Appointed Committee Member, ABPTRFE (*American Board of Physical Therapy Residency and Fellowship Education*) – 2015-17

Appointed Academy Member, SACE (*Specialty Academy of Content Experts*), ABPTS – Cardiovascular & Pulmonary –2015-16

Appointed Academy Member, SACE (*Specialty Academy of Content Experts*), ABPTS – Cardiovascular & Pulmonary –2013-14

Community Service

Health Screening – Summer Special Olympics – June 7, 2014

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

Clinical Education Committee, School of Physical Therapy, Marshall University - 2014

Honors and Awards

Awardee: Cynthia Kincaid Outstanding Clinical Instructor Award – Michigan Physical Therapy Association -SIG-CE – 2014

Nomination: Outstanding Clinical Instructor. Michigan Physical Therapy Association - Clinical Education SIG – 2002

Nomination: Innovation Summit 2013: Collaborative Care Models - 2013

Nomination: Outstanding Clinical Instructor. Michigan Physical Therapy Association - Clinical Education SIG – 2002

Nomination: Employee of the Year 2013 – Detroit Medical Center / Rehab Institute of Michigan

Certificates of Appreciation – Numerous

Continuing Education Attended

Combined Sections Meeting (CSM), American Physical Therapy Association – Feb 4-7, 2015 -

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Acute Care Strategic Planning – Pittsburgh, PA – May 9-10, 2014

Malone J. Management of the Complex Acute Care Patient – Detroit Medical Center – 3/16-17, 2013.

Combined Sections Meeting (CSM), American Physical Therapy Association – Feb 2-6, 2014 – PT in the Emergency Room (2 hours); Orientation and Competency Assessment in Acute Care (2 hours); Creation and Development of Staff Competencies for the Acute Care Setting (2 hours), Fourth Acute Care Lecture: Do You Own Your Practice? The Importance of Owning Your Decision and Actions (1 hour)

Combined Sections Meeting (CSM), American Physical Therapy Association – January 2013 - Feeling the Squeeze? Strategies to Capture and Increase Productivity in the Delivery of Physical Therapy in the Acute Care Setting (2 hours); Strategies to Address Interprofessional Communication and Behaviors That Hinder Acute Care Practice (2 hours); Weakness in the Critically Ill: Clinical Implications for Physical Therapists Across the Continuum of Care (2 hours)

University of Illinois, Chicago. Clinical Instructor: Aug. 13, 2012 – Nov. 2, 2012. (CE Credit. 4 hours)

Combined Sections Meeting (CSM), American Physical Therapy Association – February 2012: Furthering Acute Care Practice: Subject Matter Expert Task Force Forum (2 hours)

Combined Sections Meeting (CSM), American Physical Therapy Association – February 2011

Henry Ford Orthopedics. Trauma & Health Symposium. Detroit, MI – Sept. 12, 2006 (6.5 Credit hours – Category I, Physician's Recognition Award – AMA)

Schmidt, T. Myofascial Release – Level 1. Cross-Country Education, Dearborn, MI – Aug 10, 2006

Scully, J. Vestibular Rehabilitation – Rehabilitation Institute of Michigan - Jan. 14, 2006

Annual Meeting - National Hemophilia Foundation – San Diego, CA – Oct. 27-29, 2005 (12.5 Contact Hours)

DMC Nursing. West Nile Virus: What do we know today? Apr. 8, 2004 (1.2 Contact Hours)

Philips Medical & Society of Diagnostic Medical Sonography. Understanding & Preventing Musculoskeletal Injury (MSI) in Sonography – Sept. 28, 2001. (4.5 SDMS CEUs)

DMC Rehabilitation Education. Advances in Cancer Management and Cancer Rehabilitation & Exercise. Sept. 28, 2000.

DMC Nursing. Operating room acquired Pressure Ulcers in Vascular Patients. Aug. 31, 2000. (1.2 Contact hours)

Serono Symposia. Multiple Sclerosis in 1999: Focus on Rehabilitation. Dec. 8-9, 1999.

Wall, JC. Gait: Improving subjective clinical assessment with objective measurements. The Dogwood Institute. March 28-29, 1998. (1.4 CEUs)

ConvaTec & AKH Consultant. Wound & Skin Care Educational Series. Part III: Wound & Skin Care Solutions. – Grand Rapids, MI - March 13, 1998. (Contact hours: 1.0)

Academy Medical Systems. Cardiopulmonary Wellness & Rehab. Feb. 24, 1998

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Dunleavy, K. Management of Lower Cervical Hypomobility. Detroit Medical Center. Nov. 12, 1999.

Current Teaching Responsibilities – Marshall University

YEAR I

- Fall I:
 - PT 720 Advanced Clinical Physiology (3 CR) (Bose 100%)
 - PT 741 Medical Pathology in PT-I (2 CR)
 - PT 771 Clinical Application Seminars and Experiences (CASES) I (10%)
- Spring I
 - PT 772 Clinical Application Seminars and Experiences (CASES) I (10%)

YEAR II

- Spring II:
 - PT 783 – Cardiopulmonary & Vascular Rehabilitation (4 CR) (Bose 100%)
 - PT 775 Clinical Application Seminars and Experiences (CASES) V – Cardiopulmonary (Primary)
- Summer II:
 - PT 747 – Pharmacology in Rehabilitation (1CR) (Bose 100%)
 - PT 773 Clinical Application Seminars and Experiences (CASES) III (10%)
- Fall II:
 - PT 774 Clinical Application Seminars and Experiences (CASES) IV (10%)

YEAR III

- Summer III:
 - PT 784 Integumentary System – (3 CR) (Bose 90% / Gravano)
 - PT 787 - Rehab Considerations in Selected Patient Populations II - Prosthetics & Orthotics (2 CR) (Ppost 90% / Bose)
- Fall III:
 - PT 777 Clinical Application Seminars and Experiences (CASES) VII (Assisted)

Revised: 01/31/2015