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EDUCATION

Transitional - Doctor of Physical Therapy (Online) **February 2017- Present**
A.T Still University, Arizona

PhD Rehabilitation Sciences **June 2016**
Loma Linda University
Loma Linda, CA

Master of Physiotherapy in Neurosciences **2011**
Physiotherapy School & Center, Topiwala National Medical College
Mumbai, India

Bachelor of Physiotherapy **2007**
Physiotherapy Teaching & Treatment Centre, Lokmanya Tilak
Municipal Medical College & General Hospital
Mumbai, India

EXPERIENCE

Assistant Professor **January, 2017 - Present**
Department of Physical Therapy
Nova Southeastern University, Florida

Job Description:

1. Teach in following courses in Professional Doctor of Physical Therapy program:
 - 1) PHT 6830 Neuromuscular Systems I (Course lead in Winter 2018)
 - 2) PHT 6816 Neurosciences (Course lead in Fall 2017)
 - 3) PHT 6915 Prosthesis and Orthosis (Co-lead in Summer 2017)
 - 4) PHT 6914 Neuromuscular Systems II
 - 5) PHT 6722 Integumentary PT

- 6) PHT 6725 Cardio-Pulmonary PT
2. Mentor the Neuro residents in Neurology residency program
3. Carry out independent or collaborative research studies
4. Apply for competitive research grants
5. Committee Member: College of Health Care Science & College of Nursing Faculty Research Committee
6. Committee Member: Departmental Curriculum Committee

Clinical Physical Therapist

August 2016 - December 2016

InterFysio LLC, New York

Teaching & Research Assistant

September 2013 - June 2016

Loma Linda University

1. Conduct research studies under the guidance of a principal investigator
2. Supervise co-investigators and students in patient care and document recording
3. Oversee investigators and students in handling and storing investigational products such as Neurocom smart balance master
4. Assist primary instructor during class and lab practical
5. Teach a section of lecture along with the primary instructor
6. Grade the written exams of students
7. Maintain records of student's participation on canvas discussion board
8. Lead exam review session for students

Assistant Professor & Physical Therapist

October 2011 - September 2013

DPO's NETT College of Physiotherapy

Mumbai India

Job Description:

1. Conducted Lectures and Lab Practical for Bachelor of Physiotherapy (B.P.Th) students:
 - Fundamentals of Exercise Therapy
 - Kinesiotherapy
 - Physical Diagnosis and Manipulative skills
 - PT in Neurosciences &
 - PT in Community Health sciences
2. Prepared exams and conducted practical examinations
3. Served as research chair for research project of final year B.P.Th students and Interns
4. Coordinated Physical Therapy third year class and Interns
5. Supervised Out Patient Department(OPD)

Volunteer Physical Therapist

2010 - 2012

1. Parkinson's Disease and Movement Disorder Society (PDMDS), Mumbai, India
2. The Family Welfare Agency: Home based care project and Multi service center project for the elderly

2007

PUBLICATIONS

1. **Gaikwad SB**, Mukherjee T, Shah P, Ambode O, Johnson EG, Daher N. Home exercise program adherence strategies in vestibular rehabilitation- A systematic review. *Phys Ther Rehabil Sci*. 2016;5:53-62 <http://dx.doi.org/10.14474/ptrs.2016.5.2.53>
2. Alqabbani S, Johnson EG, Daher N, **Gaikwad SB**, Deshpande S. The Effect of Wearing Headscarves on Cervical Spine Proprioception. *Int Jof Physiother Res*. 2016; 4(2):1389-1393 DOI: <http://dx.doi.org/10.16965/ijpr.2015.205>
3. Alyahya D, Johnson EG, Daher D, **Gaikwad SB**, Deshpande S, Cordett TK, Zidek L. The effect of vestibular rehabilitation exercises on chronic motion sensitivity: A randomized controlled trial. *Phys Ther Rehabil*. 2016; 3:1 DOI : <http://dx.doi.org/10.7243/2055-2386-3-1>
4. Alyahya D, Johnson EG, Daher N, **Gaikwad SB**, Deshpande S. Postural control in healthy young adults with and without chronic motion sensitivity. *Int J Physiother*. 2016; 3(1):1-4 DOI [10.15621/ijphy/2016/v3i1/88898](http://dx.doi.org/10.15621/ijphy/2016/v3i1/88898)
5. Al Mubarak F, Johnson EG, Daher N, **Gaikwad SB**, Cordett T, Aranda H. The effect of jet lag on postural stability. *J Funct Morphol Kinesiol*. 2016; 1:200–208 DOI: <http://www.mdpi.com/2411-5142/1/2/200>
6. Dwivedi S., **Gaikwad S**. Correlation of Heart Rate to Borg's Rating of Perceived Exertion in Indian Females Using Queen's College Step Test & Modified Queen's College Step Test: A Pilot Study. *Indian Journal of Physiotherapy & Occupational Therapy*. 2014; 8(2): 47-52 DOI : [10.5958/j.0973-5674.8.2.058](http://dx.doi.org/10.5958/j.0973-5674.8.2.058)
7. **Gaikwad S.**, Writer H. Comparative Study of Berg's Balance Scale and Balance Evaluation Systems Test in Measuring Outcome Following Balance Training in Parkinson's Patients. *Indian Journal of Physiotherapy & Occupational Therapy*. 2012; 6(4): 269-274 DOI: <http://www.i-scholar.in/index.php/ijpot/article/view/49904>
8. Writer H., **Gaikwad S.**, (2010). Stepping Up: How to stay Active with Parkinson's disease, Parkinson's disease and Movement Disorder Society's handbook

JOURNAL REVIEWER

1. 2017: Internet Journal of Allied Health Sciences and Practice
2. 2017: Journal of Physical Therapy Education-APTA's Education section journal

JOURNAL SUBMISSION REVIEWS (REFEREE)

1. 2014: Journal of Physical Therapy and Rehabilitation. Correlates of health-related quality of life of ambulatory stroke survivors in Jamaica. Submission ID: [2072716788](#)

CURRENT RESEARCH/WRITING ACTIVITIES

1. **Gaikwad SB.** Barriers to vestibular rehabilitation therapy adherence among individuals with vestibular dysfunction – A Systematic review. (*At Proposal stage- Capstone project*)
2. **Gaikwad SB,** Johnson EG, Nelson TC, Ambode O, Albalwi A, Alharbi A, Daher NS. Effect of gaze stability exercise on chronic motion sensitivity. (*Submitted for peer review to Journal of Neurologic Physical Therapy*)
3. **Gaikwad SB,** Johnson EG. Effect of gaze stability exercise on chronic motion sensitivity - A case study. (*In progress*)
4. Alyahya D, **Gaikwad SB,** Johnson EG. Vestibular adaptation exercise prescription: A review of literature. (*In progress*)
5. Alqahtani M, Johnson EG, Bahjri K, Landel R, Lohman, **Gaikwad SB.** The effect of neck muscle fatigue on motion sensitivity. (*Preparing to submit for peer review*)
6. **Gaikwad SB,** Krpalek D, Johnson EG. Effect of progressive gaze stability exercise on chronic motion sensitivity. A qualitative report. (*In progress*)

ACADEMIC ACTIVITIES

1. **Poster presentation at National Conference on Physiotherapy in Community Health 2012.**
Title: Correlation between ratio of height to abdominal girth and balance in third trimester of pregnancy in multiparous women.
2. **Platform presentation at 50th Annual Conference of the Indian Association of Physiotherapists, 2012**
Title: Comparative Study of Berg's Balance Scale and Balance Evaluation Systems Test in Measuring Outcome Following Balance Training in Parkinson's Patients.

CONTINUING EDUCATION & WORKSHOPS

1. 2017: Completed LSVT BIG Certification, LSVT Global, New York.
2. 2017: Completed the Art and Science of Teaching and Learning course, CHCS teaching and learning academy, Nova Southeastern University, Florida.
3. 2017: Grant Workshop, Nova Southeastern University, Florida.

4. 2015: Presented on "Dizziness and Balance Disorders in Parkinson's Disease." Presented to patients, family members, and staff at LLUMC- Outpatient Rehabilitation Center, Loma Linda, CA.
5. 2015: Carried out fall prevention screening: Loma Linda Health Women's Conference, Ontario Convention Center, Ontario, CA.
6. 2014: Carried out fall prevention screening: Loma Linda Health Women's Conference, Ontario Convention Center, Ontario, CA.
7. 2014: Presented benefits of Physical and Mental Exercise in Parkinson's disease. Presented to patients, family members, and staff at LLUMC- Outpatient Rehabilitation Center, Loma Linda, CA.
8. 2014: Presented a Bill proposal to the State Legislative Director, Sacramento, May 2014- To reduce the duration of mandatory supervised clinical practice based on the years of experience in home country for the International Physical Therapist willing to practice in California.(As final assignment for the course: Profession Advocacy in Allied Health)
9. 2013: Participated in the Advanced Certificate Course in Health Sciences Education Technology under Teachers Training Institute organized by MUHS.
10. 2013: Conducted an Educational Innovation Project titled "Introduction of Doctor-Patient Communication Skill for III B.P.Th students of DPO's NETT College of Physiotherapy", Thane.
11. 2013: Participated in two-day free Physiotherapy treatment camp in August 2013, organized by DPO's NETT College of Physiotherapy, Thane.
12. 2012: Participated in National Conference on Physiotherapy in Community Health 2012.
13. 2012: Lead a session of the 50th Indian Association of Physiotherapist (IAP) Post-Conference Workshop March 2012: "Evidence Based Neuro-Physiotherapeutic approach in the Management of Parkinson's Disease".
14. 2012: Participated 50th Annual Conference of the Indian Association of Physiotherapist 2012.
15. 2012: Participated in MUHS Inter Zonal Sports Trial 2012 as lady Team Manager of Mumbai Zone held on 31st Oct-1st Nov 2012.
16. 2010: Completed Orientation course in Medical Education & Teaching Technology organized by Medical Education and Teaching Technology (METT) Cell.
17. 2010: Participated in the workshop on Follow-up Mulligan's Concept Course.
18. 2009: Participated in the workshop on "An NDT Framework for Restoring Function in the Upper Extremity of Stroke Survivors", WCPT-AWP and IAP Congress 2009, Mumbai.
19. 2009: Participated in World Confederation for Physical Therapy-Asia Western Pacific Region & IAP Congress 2009, Mumbai.
20. 2009: Participated in the CME on "Update In Neurosciences Bombay Hospital Institute of Medical Sciences, Mumbai.

21. 2009: Participated in the CME on Brain stem death and Organ transplantation, Department of General Surgery, TNMC and Nair Hospital, Mumbai.
22. 2009: Participated in the CME on 'Vertigo' Department of ENT at TNMC and Nair Hospital, Mumbai.
23. 2009: Participated in the CME on 'Cognitive Rehabilitation' Barucha Oration, Department of Neurology, KEM Hospital, Mumbai.
24. 2009: Participated in the workshop on "How to write the Scientific Publication" Department of Physiotherapy, PadmashreeDr.D.Y.Patil University, Navi Mumbai, India.
25. 2009: Participated in the workshop on "Upper and Lower Quarter Mulligan's Concept Course" Capri Institute of Manual Therapy, New Delhi, India.
26. 2009: Participated in the workshop on Wheelchair Management, Nina Foundation for People with Spinal Cord Injury.
27. 2009: Participated in the workshop on Stroke management K.J.Somaiya College of Physiotherapy, Mumbai.
28. 2008: Participated in the workshop on workshop on Research Methodology, TNMC and Nair Hospital, Mumbai.
29. 2008: Participated in the CME on 'Early Intervention in Sensory Processing Disorder' Department of Occupational Therapy at TNMC and Nair Hospital, Mumbai.
30. 2008: Participated in the workshop on Hand-on workshop on "Manual Therapy Concepts" an integrated approach (Maitland, Cyriax, Jull and Lee concepts) for Cervical and Thoracic region Manual Therapy Foundation of India.
31. 2008: Participated in the workshop on Early Intervention- Concept and Treatment Strategies Sneh Rehabilitation, Education and Research Centre, Mumbai.
32. 2008: Participated in the workshop on Management of Cerebral Palsy and other Developmental Disabilities "Introduction to combining neuro Developmental Principles with sensory Integration and motor control Theories the Spastics Society of India's National Resource Centre, Mumbai.
33. 2008: Participated in the workshop on Neuroradiology for Physiotherapists conducted by Dr.Vithal Wagle, Mumbai.
34. 2008: Participated in the workshop on Statistical and Quantitative Methods TATA Institute of Social Sciences, Mumbai.
35. 2008: Participated in the workshop on Breastfeeding and Lactation Management Mumbai Breastfeeding Promotion Committee, TNMC and Nair Hospital, Mumbai.
36. 2008: Participated in the workshop on Introduction to Principles of NDT Sneh Rehabilitation, Education and Research Centre, Mumbai.

37. 2007: Participated in the workshop on Hands-on workshop on “Appropriate Paper-based Technology (APBT)” Children’s Orthopedic Hospital, Mumbai.
38. 2007: Participated in the workshop on Care and Management of Multiple Sclerosis Multiple Sclerosis Society of India.
39. 2007: Participated in the workshop on “Bands, Balls and Balance conducted by Andrew Leipus, Thera-Band Academy-India.
40. 2006: Participated in Forty-fourth Annual Conference of the Indian Association of Physiotherapist, Ahmadabad.
41. 2003: Participated in Forty-first Annual Conference of the Indian Association of Physiotherapist, Mumbai.

MEMBERSHIP/LICENCE

1. Licensed Physical Therapist of Florida, USA, License # PT32393
2. Licensed Physical Therapist of New York, USA, License # 038287
3. Member of American Physical Therapy Association (APTA)
4. Member of APTA Florida Chapter
5. Member of APTA Academy of Neurologic Physical Therapy
6. Licensed Physiotherapist of India, License no. L-20490
7. Basic Life Support Provider (American Heart Association)
8. Life member of Indian Association of Physiotherapists (IAP)