

Curriculum Vitae
Maryann MacNeil
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July 14, 2015

Academic Training:

6/2014 to present Northeastern University, Boston, MA; Doctorate of Education Candidate
5/2006 M.A. Boston University School of Medicine, Boston, MA; Anatomy and Neurobiology
5/1994 B.S. Northeastern University, Boston, MA; Summa Cum Laude, Physical Therapy

Academic Appointments:

9/2006- present Instructor of Anatomy and Neurobiology, Boston University School of Medicine

Hospital Appointments or Other Employment:

5/2001-6/2004 Staff Physical Therapist, Partners Home Care, Boston, MA
6/2000-4/2001 Cardiovascular Pharmaceutical Representative, AstraZeneca Pharmaceuticals
6/1994-6/2000 Staff Physical Therapist, Traumatic Brain Injury Unit, Spaulding Rehabilitation Hospital, Boston MA

Honors:

5/2015 Educator of the Year, Division of Graduate Sciences, Boston University School of Medicine
6/1994 Sears B. Condit Award for Outstanding Scholarship
6/1994 Summa Cum Laude, Northeastern University, Boston MA

Licenses and Certification:

5/1994-present Board of Allied Health Professions, License: 9960

Departmental and University Committees:

2011- present Vesalius Committee, Anatomy and Neurobiology, Boston University School of Medicine
2009-2011 Graduate Student Committee, Department of Anatomy and Neurobiology, Boston University School of Medicine

Teaching Experience and Responsibilities:

Anatomical Sciences – I (Histology), Goldman School of Dental Medicine, *Course Lecturer*

Anatomical Sciences – II (Embryology and Human Gross Anatomy), Goldman School of Dental Medicine, *Course Lecturer Embryology, Course Lecturer Gross Anatomy and Laboratory Instructor*

Medical Gross Anatomy, School of Medicine, *Course Lecturer and Laboratory Instructor*

Medical Histology, School of Medicine, *Course Lecturer and Laboratory Instructor*

Cellular Organization of Tissues, Graduate School of Medicine, *Course Lecturer and Laboratory Instructor*

Oral Biology- Goldman Dental School of Medicine, *Guest Lecturer*

Selected Lectures and Course Presentations:

- 2011-present Step 1 United States Medical Licensing Examination Review: *Embryogenesis and Organ System Development*
- 2010-present National Dental Board Part I Review: *Series of lectures in the spring semester course Oral Biology focusing on a review of Anatomy, Histology and Embryology*

Major Mentoring Activities:

- 2012-present Primary Academic Advisor, Master of Medical Science Students, School of Medicine,
- 2013-2014 Master's Thesis, second reader, Boston University School of Medicine, Graduate Medical Sciences, *The Role of Neuroinflammation in Chronic Traumatic Encephalopathy*
- 2013-2014 Master's Thesis, First Reader, Boston University School of Medicine, Graduate Medical Sciences, Graduate Medical Sciences, *The Changes and Effects of Stress Hormone During Extreme Diet and Exercise*
- 2013-2014 Master's Thesis, First reader, Boston University School of Medicine, Graduate Medical Sciences, *The Role of Epigenetics in the Treatment of Alzheimer's Disease*
- 2013-2014 Master's Thesis, second reader, Boston University School of Medicine, Graduate Medical Sciences, *Music Therapy in the Alleviation of First Night Effect*
- 2014-2015 Master's Thesis, First reader, Boston University School of Medicine, Graduate Medical Sciences, *Good Intentions with unknown consequences: Understanding Short Term Medical Missions*
- 2014-2015 Master's Thesis, First Reader, Boston University School of Medicine, Graduate Medical Sciences, *The Role of Teratogen Exposure on Neural Crest Cells in the Pathogenesis of Fetal Alcohol Spectrum Disorders*
- 2014-2015 Master's Thesis, First Reader, Boston University School of Medicine, Graduate Medical Sciences, *The Role of Chronic Traumatic Encephalopathy on Amyotrophic Lateral Sclerosis*
- 2014-2015 Master's Thesis, First Reader, Boston University School of Medicine, Graduate Medical Sciences, *Psychosocial Factors and Their Significance Towards Pain Trajectory: A Case Study Comparing Monozygotic Twins with AIS After Spinal Surgery*
- 2014-2015 Master's Thesis, First Reader, Boston University School of Medicine, Graduate Medical Sciences, *Beta Globin Gene Cluster Haplotypes in Sickle Cell Disease; Polymorphisms of the Arab Indian Haplotype*
- 2014-2015 Master's Thesis, First Reader, Boston University School of Medicine, Graduate Medical Sciences, *Regulation of α -Synuclein Expression by β_2 -Adrenoreceptor Agonists: A Novel To Treat Parkinson's Disease*

- 2104-2015 Master's Thesis, Second Reader, Boston University School of Medicine, Graduate Medical Sciences, *Why Don't Adolescents Finish the Vaccine Series? A Qualitative Study of Adolescents and Their Parents*
- 2014-2015 Master's Thesis, First Reader, Boston University School of Medicine, Graduate Medical Sciences, *A Role for Community Health Workers in Pediatric ADHD Treatment Through Behavioral Parent Training*

Major Committee Assignments:

- 2014-Present Admission Committee, Master in Medical Science Program, Boston University School of Medicine
- 2014-Present Curriculum Committee, Master in Medical Science Program, Boston University School of Medicine
- 2014-Present Academic Affairs, Master in Medical Science Program, Boston University School of Medicine
- 2014-Present Steering Committee, Master in Medical Science Program, Boston University School of Medicine

Bibliography:

Original, Preer Reviewed Articles:

1. Kim, H.J., Burke, D. Cavanio, R., Fitzpatrick, M., Temple, D. **MacNeil, M.**, Pesez, K., LePak, P. Case Study: Effects of dopaminergic combination therapy for frontal lobe dysfunction in traumatic brain injury rehabilitation. *Brain Injury* 1999;13 63-68.

Poster Presentations:

- 2012 The Future of e-Books; John McCahan Medical Campus Education Day
- 2012 Evaluating the Effectiveness of Groupwork; John McCahan Medical Campus Education Day
- 2012 Neurophysiology Lessons for Students and Teachers; John McCahan Medical Campus Education Day