



Northeastern University

Bouvé College of Health Sciences

Department of Physical Therapy, Movement and Rehabilitation Sciences

Fall 2014 Newsletter



ABOUT US

- PT Program Accredited since 1930
- Only US PT program with Co-operative Education
- Unique International Academic Learning Experiences
- High-Fidelity Simulation and Interprofessional Experiences

Programs:

- DPT—Entry Level
- DPT—Post Baccalaureate
Sports, Strength and Conditioning Concentration
Certificate in Early Intervention
- tDPT
- CAS in Orthopedic PT
- MS in Occupational Ergonomics and Health

Research Centers and Labs:

- Biotion Research Lab
- Cadaver Lab
- Neuromotor Systems Lab
- Neurorehabilitation Lab
- Neurophysiology Lab
- Cancer Survivorship Ctr
- Occupational Biomechanics and Ergonomics Lab
- Locomotion Research Lab
- Epidemiology and Rehabilitation Program
- Analysis of Dance and Movement Ctr

Message From The Chair

This year we are launching our Masters degree in Occupational Ergonomics and Health and are excited to be hiring new tenure track/tenure faculty to accommodate the expanded research and teaching. The timing of this new degree coincides with our 100th anniversary celebration of education in movement science and physical therapy. During the summer and over the coming months, I will have the pleasure of meeting with many alums from the 1920s to present to gather an oral history of NU Physical Therapy from its origins to present day. At our gala celebration on November 7, 2015, a visual and oral display of these awe inspiring encounters will be shared with the Northeastern community. Please join us at our gala celebration and share your stories. We would love to hear from you!



— *Maura Daly Iversen, PT, DPT, MPH, SD, FNAP*, Professor and Chair

Department Welcomes Two Postdocs



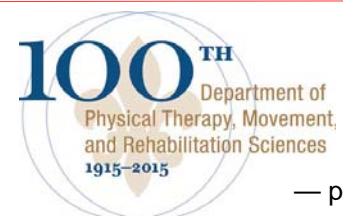
Rosimeire (Rosi) S Padula, PT, PhD earned a masters and doctoral degree in Physical Therapy from the University Cidade de São Paulo - São Paulo, Brazil. Dr. Padula will be working with **Dr. Dennerlein** in the Occupational Biomechanics and Ergonomics Lab primarily on a study to examine the effects of worker job rotation on the promotion of health and prevention of occupational musculoskeletal injuries.



Dr. Johan von Heideken, MD, PhD, a pediatric orthopedic surgeon from Karolinska Institute, Stockholm, Sweden, will be a postdoc with **Dr. Maura Iversen** this year. They will be working on an international application of Google Glass to teach neuromuscular and musculoskeletal evaluation skills in physical therapy and medical students. They will also be researching health outcomes of children with scoliosis using a large national database.

Newsletter Highlights

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PT STUDENT COMMUNITY ENGAGEMENT



American Heart Association Heart Walk

On Saturday, Sept 6, 2014 more than 25 NU Physical Therapy students participated in the American Heart Association Heart Walk. In conjunction with the American Physical Therapy Association of MA Cardiopulmonary Special Interest Group they were able to raise \$350. It was a spectacular showing by our students. Faculty member **Dr. Matt Nippins** (*bottom row*) and his son accompanied the students on the walk.

Boston Marathon Participation April 21, 2014

The 118th running of the Boston Marathon had a field of 37,000 runners this year. Once again, **Dr. Dave Nolan** had the pleasure of coordinating the physical therapy care provided at the finish line of the Boston Marathon where 1850 runners were treated at the medical tent. This year he had more than 80 PTs and PT students on his team. We are very proud that we had 20 NU students as well as 4 faculty members participate. The faculty members include: **Drs. Dave Nolan, Maureen Watkins, Mary Hickey, and Chris Cesario**. Quite a few alumni were also present to offer assistance.



Dialogue of Civilizations: South Africa

For the past four years, **Dr. Adam Thomas** has led a four week long Dialogue of Civilizations Program in South Africa for students from across the University. While in South Africa, the students were able to explore the South African health care system as well as attend lectures, excursions and tours on South African culture and history. The students also learned about the culture of the indigenous people of South Africa and the country's turbulent history, especially their Apartheid regime and the leadership woes in the post-Apartheid era. This Dialogue in South Africa has allowed growth culturally as well as educationally, and has been a great interdisciplinary learning opportunity for Northeastern Physical Therapy and Bouvé students.



Peter Dzaugis (DPT '16) was awarded the Millennium Fellowship for the 2013-14 school year. This 8-month leadership accelerator convenes student leaders from different universities to improve their student organizations, partnerships, and community impact work through the GlobeMed student organization. The primary focus of their project was to construct a water source in the Kyanamukaaka sub-county, to build two pit latrines, and support Kitovu's Self-Help Group Program.



Kate Flood (DPT '15) represented the United States this summer in the Mixed Division of the World Ultimate Club Championships. Ultimate is a non-contact, self-refereed team sport played with a flying disc (or Frisbee™). There were 48 teams from 33 countries who competed at this event which was held in Lecco, Italy. The team Kate was on won the Bronze Medal.



The 3rd annual Bouvé Boat cruise, hosted by the Bouvé Dean's Office, affords students an opportunity to mingle with other Bouvé students and faculty while seeing the beautiful skyline of Boston from the harbor. Second year Physical Therapy students took advantage of the picturesque view to stop and snap a memory.

From left to right: **Anthony Pavlich, Kristen Dupuis, Nora Hawley, Nicole Yorra, Jamie Anderson, Amanda Sylvester, Rose Sievwright, Corinne Lizzio, Carolina Vargas, Lee Haggerty, Michaela Stuart, and Kevin Lacke**

Physical Therapy Club

The PT club is a dynamic organization that provides a way for students to grow their professionalism, learn about physical therapy practice and develop leadership skills. Several of our PT club officers have won awards from the College, the University and the APTA. They have also been nationally recognized for their fund raising efforts.

On Wednesday, June 18th the NU PT Club sponsored an educational event titled:

The Benefits of the Utilization of Biomechanical Equipment to Acquire Outcome Measures in Orthopedic Sports PT presented by Prof. Jefferson R. Cardoso, PT, PhD. Dr. Cardoso was a Fulbright Visiting Researcher in the department with Dr. Iversen and is the Coordinator of the Laboratory of Biomechanics and Clinical Epidemiology at the Universidade Estadual de Londrina, Brazil.

We are proud to announce the newly elected PT Club Officers for 2014-2015:

President: Matt Fothergill	Vice President: Aliana Akhtar
Treasurer: Jessica Hirsch	Secretary: Amanda Kuczmiec
Advocacy Chair: Rosalie Caracciolo	Public Relations: Stephanie Lee

If you are looking for a way to provide a donation to the PT department that will directly support student efforts, this might be a good avenue for you to consider. Donations will provide support for students to attend conferences, including local and national APTA meetings, CSM, and Annual Student Conclave. Students are often selected to present posters at these events and they often need financial support to attend. Another way to contribute to the PT Club is through their various fundraising events such as the Rock for Research, Marquette Challenge and the Carter School Prom.

COMMENCEMENT



Congratulations Class of 2014!

This year's hooding ceremony was held on Thursday, May 1st in Blackman Auditorium followed by a reception for students and their families in the Curry Student Center. **Dr. David Nolan** (*left photo*) was the faculty member selected by the students to speak at the event and our two student speakers were **William Austin** and **Melissa Tages** (*center photo*).

This year we inaugurated a new tradition by including an alumni speaker to the Pinning and Hooding event. We are pleased that **Carl Gustafson** (PT '87), owner of Sports and Physical Therapy Associates, was our first participant.

We are looking forward to seeing great accomplishments from our newest alumni!

University Award Winners

Susan B Condit Award for Outstanding Undergraduate Achievement:

Caitlin Courtade, Elizabeth Tessitore, Erin Ward, Katherine Wingate, Kelsey Zielinski

President's Award for Outstanding Scholarship:

Victoria Kennedy and Kailie Pasko

2014 Student Bouvé and Physical Therapy Award Winners

Minnie Lynn Award: **Elizabeth Tessitore, Kelsey, Zielinski**

Bouvé College Service Medal for PT: **Caitlin Courtade**

Ruth Page Sweet Award: **Naomi Bauer**

Constance K. Greene Award: **Katherine Wingate**

Boston-Bouvé Faculty Scholarship: **Kristin Dunn**

Elizabeth A. Davey Scholarship: **Jessica Vasquez**

Charles L. Hallenborg Memorial Scholarship: **Kelley Becherer**

Colonel Harriette S. Goodman Scholarship: **Erin Ward, Kari Tuttrup**

Mary Florence Stratton Award: **Elizabeth Tessitore, Kelsey Zielinski**

John and Evelyn Neumeyer Scholarship: **Nicholas Kantor**

Jeanne Rowlands Award: **Kelley Becherer**

FACULTY NEWS AND SCHOLARSHIP



Dr. Sheri Kiami (top left) was an invited speaker at the State House Annual Falls Prevention Awareness Day held on Sept 23, 2014. Her topic was entitled, "Interprofessional Falls Prevention Program in a Long Term Care Setting." Other invited speakers included Cheryl Bartlett who is the Commissioner of the MA Department of Public Health, and Senator Richard T. Moore.

Dr. Chris Cesario attended the APTA sponsored Clinical Education Credentialing program and received a Credentialed Clinical Instructor Program Training certification in June.

Dr. Ann Golub-Victor is now a volunteer coordinator for FUNfitness. This fitness event was developed collaboratively with the American Physical Therapy Association (APTA) for Special Olympics (SOI) Healthy Athletes. The next screening event will take place in Mashpee, MA on Oct 18, 2014.

Dr. Leslie Day was elected to the Board of Directors for the Human Anatomy and Physiology Society (HAPS) as the Eastern Regional Director. www.hapsweb.org

Dr. Kristin Curry Greenwood has been appointed to chair the Entry Level Skills Task Force for the Acute Care Section of the APTA. This task force is charged with developing a consensus document on the necessary entry-level skills needed to practice in the acute care setting.

Dr. Nancy Sharby is now a reviewer for the *Journal of Physical Therapy Education*.

Dr. Maura Iversen was appointed to the COAMI screening committee. This interprofessional coalition is addressing public health issues related to Osteoarthritis.

Dr. Lorna Hayward received a grant for faculty scholars awarded through the Center for Advancing Teaching and Learning through Research. Dr. Hayward's project for 2014/2015 is to promote and measure student engagement and deeper learning in a large, interdisciplinary health care research course.

Dr. Leslie Day received a grant for faculty scholars awarded through the Center for Advancing Teaching and Learning through Research. Dr. Day's work is a quantitative study looking at the effectiveness of a flipped-classroom pedagogy in increasing students' long-term retention, higher-level analytical thinking, and self-directed learning when compared to a traditional lecture.

Drs. Matthew Nippins, Kristin Greenwood and Maura Iversen received a Provost's Award. This year-long \$10,000 grant from the Office of the Provost that will look at teaching methods of online discussions and simulation experiences that further inter-professional education.

Drs. Alycia Markowski and Robert Sikes received a Provost's Award. This \$10,000 grant from the Office of the Provost was given to purchase equipment that will create 3-D models of internal body parts. This state of the art technology is designed to enhance students' understanding of cross-sectional anatomy, particularly of the brain.

Select Local, National and International Presentations:

1. **Nolan DC**, Oh L. Management of the Overhead Athlete. APTA of MA Shoulder SIG Meeting. Foxborough, MA. August 2014.
2. **Nolan DC**. Management of Plantar Heel Pain. APTA of MA Manual Therapy SIG Meeting. Boston, MA. July 2014.
3. **Nolan DC**. Imaging and Managing Athletic Injuries. Presenting 4 lectures. Sports Medicine. Boston, MA. June 2014.
4. **Nolan DC**, Management of Common Non-Operative Shoulder Conditions. Primary Care Orthopaedics. Boston, MA. May 2014.
5. **Hayward LM, Canali AL**. Doctor of Physical Therapy Student Recognition and Understanding of Clinical Reasoning in the Inpatient Environment: A Qualitative Study. Global Internship Conference, Toronto, Canada, June, 2014.
6. **Kiami S**. Use of Digital Case Studies to Promote Critical Thinking Abilities. New England Faculty Development Consortium Spring Conference, June 2014.
7. **Bronner S**, Ojofeitimi S, Woo H. Extreme kinematics and moments in Hip Hop dance sequences. *Proceedings*, 7th World Congress of Biomechanics, Boston, MA. 2014.
8. **Nippins M**. Pediatric Cardiovascular and Pulmonary Review. APTA Pediatric Section's Advanced Clinical Practice in Pediatric Physical Therapy Course, September 13th, 2014. Boston, MA.
9. Magassi S, Roush S, **Sharby N**, VanPrubryk L. Helping health care professionals become disability allies. Society for Disability Studies Annual Conference, June 12. Minneapolis, MN.
10. **Flores AM**, Nelson J, Tucker KL. Physical and functional side effects and physical therapy after cancer among men and women of Puerto Rican descent. NCI/CDC/ACS/LiveSTRONG 7th Biennial Cancer Survivorship Research Conference, June 2014. Atlanta, GA.
11. Esbjorn AC, Andre M, **Iversen MD**, Hagelberg S, Schwartz M, Brostrom EN. Effect of Intra-articular foot injections on generating muscle power during walking in children with Juvenile Idiopathic Arthritis. ESMAC, Sept 2014, Rome, Italy.

Select Publications:

1. Pfister A, West A, **Bronner S**, Noah JA Comparison of Microsoft Xbox360[®] Kinect™ and 3D motion capture in gait analysis. *J Med Eng & Tech* 2014. Early Online: 1-7. doi:10.3109/03091902.2014.909540 <http://informahealthcare.com/doi/abs/>.
2. Wang C, Schmid CH, **Iversen MD**, Harvey WF, Wong JB, Fielding RA, Driban J, Price LL, Griffith J, McAlindon T. Tai Chi and Physical Therapy for Knee Osteoarthritis: Designing and Conducting a Comparative Effectiveness Randomized Trial. *BMC Complementary and Alternative Medicine*. 2014, 14:333. doi:10.1186/1472-6882-14-333
3. Sparks JA, **Iversen MD**, Miller Kroouze R, Mahmoud TG, Triedman NA, Kalia SS, Atkinson ML, Lu B, Deane KD, Costenbader KH, Green RC, Karlson EW. Personalized Risk Estimator for Rheumatoid Arthritis (PRE-RA) Family Study: Rationale and Design for a Randomized Controlled Trial Evaluating Rheumatoid Arthritis Risk Education to First-degree Relatives. *Contemp Clin Trials* 2014;39:145-147.
4. Dias J, de Oliveira Menacho M, Mazuquin B, **Iversen MD**, Obara K, Queiroz Ribeiro Cerci Mostagi F, Lima TB, Moura FA, Abrão T, Cardoso JR. Comparison of the Electromyographic Activity of the Anterior Trunk during the Execution of Two Pilates Exercises- Teaser and Longspine- For Healthy People. *J Electromyography Kinesiology*. 2014; doi: <http://dx.doi.org/10.1016/j.jelekin.2014.06.005>.
5. Örtqvist M, **Iversen MD**, Brostrom E, Janarv P, Roos EM. Psychometric Properties of the Knee injury and Osteoarthritis Outcome Score for Children (KOOS-Child) in Children with Knee Disorders. *Br J Sports Med*. 2014; doi:10.1136/bjsports-2013-093164
6. Trudeau MB, Sunderland EM, **Dennerlein JT**, et al. A data-driven design evaluation tool for handheld device soft keyboards. *PLoS One*. 2014; 9(9):e107070.
7. Tveito TH, Sembajwe G, **Dennerlein JT**, et al. Impact of organizational policies and practices on workplace injuries in a hospital setting. *J Occup Environ Med*. 2014 Aug;56(8):802-8
8. Sparer EH, Goldwasser MR, **Dennerlein JT**, et al. 0057 Qualitative findings from a safety communication and recognition program on safety awareness and teambuilding in construction. *Occup Environ Med*. 2014 Jun;71 Suppl 1:A66.
9. Sparer EH, Okechukwu CA, **Dennerlein JT**, et al. 0056 Patterns of site-employment of construction workers on and off commercial construction sites in new England and the relationship to musculoskeletal pain. *Occup Environ Med*. 2014 Jun;71 Suppl 1:A5.
10. **Corkery MB**, Edgar K, Smith C. A survey of physical therapists' clinical practice patterns and adherence to clinical guidelines in the management of patients with whiplash associated disorders (WAD). *J Man Manip Ther*, 2014; 22(2):75-89.
11. Caban-Martinez AJ, Lowe KA, **Dennerlein JT**, et al. Construction workers working in musculoskeletal pain and engaging in leisure-time physical activity: Findings from a mixed methods pilot study. *Am J Ind Med*. 2014 Jul;57(7):819-25.
12. Reme Se, Shaw WS, **Dennerlein JT**, et al. Worker assessments of organizational practices and psychosocial work environment are associated with musculoskeletal injuries in hospital patient care workers. *Am J Ind Med*. 2014 Jul;57(7):810-8.
13. Onyibeke LC, Young JG, **Dennerlein JT**, et al. Effects of forearm and palm supports on the upper extremity during computer mouse use. *Appl Ergon*. 2014 May;45(3):564-70.
14. Eden M, **Flores AM**, Galantino ML, Spinelli BA. Recommendations for patient-reported outcome measures for head and neck cancer-related shoulder dysfunction. *Rehabil Oncol* 2014, 32 (3):6-19
15. Spinelli BA, Galantino ML, Eden MM, **Flores AM**. Recommendations for Patient-reported outcome measures for head and neck Cancer-related neck dysfunction. *Rehabil Oncol* 2014, 32(3):20-31.
16. **Sharby N**. 7 Tools to identify Depression. *The Rheumatologist*. August, 2014
17. Moore M, Wilmarth MA, **Corkery MB**. Differentiating Hip Versus Back Pathology with a Patient Status Post Lumbar Laminectomy and Fusion: A Case Study. *Curr Orthop Pract*, 2014. 26;3:14, 172-176

For more information on the Physical Therapy Department's research, visit:

<http://www.northeastern.edu/bouve/pt/research.html>

DEPARTMENTAL NEWS

New Faculty Member Danielle LeVac, PhD



We are proud to announce that Danielle LeVac PhD, will be joining the faculty of the Physical Therapy, Movement and Rehabilitation Department in January 2015 as an Assistant Professor. Danielle received her BSc. PT from the University of Ottawa and an MSc and PhD in Rehabilitation Science from McMaster University in Hamilton, Ontario. She recently completed a two-year postdoctoral fellowship in the Motor Control Laboratory at the University of Ottawa. Danielle's primary research interests are in the use of virtual reality (VR) and gaming systems to promote motor learning in pediatric and adult neurological populations, and the sustainable integration of VR and gaming systems into clinical rehabilitation settings. She will join our team teaching courses in Neuro-rehabilitation.

Certificate in Advanced Studies in Orthopedics

We would like to let everyone know about our newly created Certificate in Advanced Studies in Orthopedics. Designed for **licensed physical therapists** interested in developing advanced skills in orthopedic physical therapy, it will assist them to develop advanced clinical skills in orthopedics and prepare participants for the **Orthopedic Clinical Specialist exam**.

The certificate is taught **100% online** and allows practicing physical therapists the flexibility to fit the program into their demanding work and family schedules. The program consists of 5 courses (18 credits), with an optional 2 1/2 day hands-on workshop. The program can be completed in 18 to 36 months with fall, winter, and summer start dates. Our first group of students will begin in early January of 2015, and new students are still being accepted.

If you, or someone you know is interested in learning more about this program, please visit our website <http://www.cps.neu.edu/degree-programs/graduate/graduate-certificates/certificate-in-orthopedic-physical-therapy.php>. Susan Lowe is available to provide additional program details and discuss the application process. She can be reached at s.lowe@neu.edu.

American Physical Therapy Association of Massachusetts



2014 Conference & Exposition

Saturday, November 8, 2014

Drs. Alicia Markowski (*top left*) and **Maureen Watkins** (*top right*) will have a poster presentation: Exploring the Need for a Wellness Program Screening Tool.



Dr. David Nolan (*bottom left*) will be presenting a six hour educational session on, The Non-Operative & Post Operative Management of Shoulder Instability: Integrating a Manual Therapy Approach.

The Department of Physical Therapy, Movement, and Rehabilitation Science will have a table in the Exhibit Hall with information about the program. Please stop by to chat with **Dr. Maura Iversen** (*bottom right*) and other faculty and to learn what is happening in our program.

Celebrating 100 Years of Physical Therapy Education



The year 2015 marks the 100-year anniversary of physical therapy education at Bouvé College. The profession evolved out of physical education and rehabilitation with women at the helm, which shaped not only the profession but the role of women in higher education. To celebrate the centennial year, programs and exhibits have been planned. Mark your calendars now for **November 7, 2015** and join the Centennial Celebration at the Colonnade Hotel, Boston, MA.

1930

BSI and BSPE merged to form the Bouvé-Boston School of Physical Education (BBSPE), with Ms. Bouvé as director. **BBSPE won accreditation by the American Physical Therapy Association** and became affiliated with Simmons College.

1952

When PT became a separate course, BBSPE shortened its name to **Bouvé Boston School**.



1964

Bouvé Boston School merged with Northeastern, to become **Boston-Bouvé College** with Dr. Lynn as dean. It opened with three departments:

- Physical Education for Men
- Physical Education for Women
- Physical Therapy for Men and Women

1960

Dr. Minnie L. Lynn became director of the school.



1925

BSPE expanded to a **three-year curriculum**, allowing students to specialize in PE or PT.

1931-1969

Ms. Constance K. Greene was appointed head of the Physical Therapy Course and became chair in 1942.

1938-1965

Camp Mon-o-moy was established in Brewster, MA. All students attended camp to participate in a variety of outdoor activities. PT students engaged in rehabilitation activities.

1955

Physical therapists received pins in the program's first **pinning ceremony**. Tradition evolved into current Pinning and Hooding Ceremony for doctoral students in PT.

1917-1918

Marquerite Sanderson was appointed first supervisor for reconstruction aides by War Reconstruction Committee.

1918 three groups of BSPE students were trained in two month **"war courses."**



1925

Marjorie Bouvé resigned as director of BSPE to found the Bouvé School (BSI).



1942

BBSPE became **affiliated with Tufts University**, offering a specialized degree for PT.

1935

BBSPPE began a **Cultural Exchange Program with Japan**, promoting global awareness and demonstrating a commitment to cultural diversity.



1929

Ruth Page Sweet was named dean of Bouvé School, served from 1929 to 1946, then became administrative director.

1915

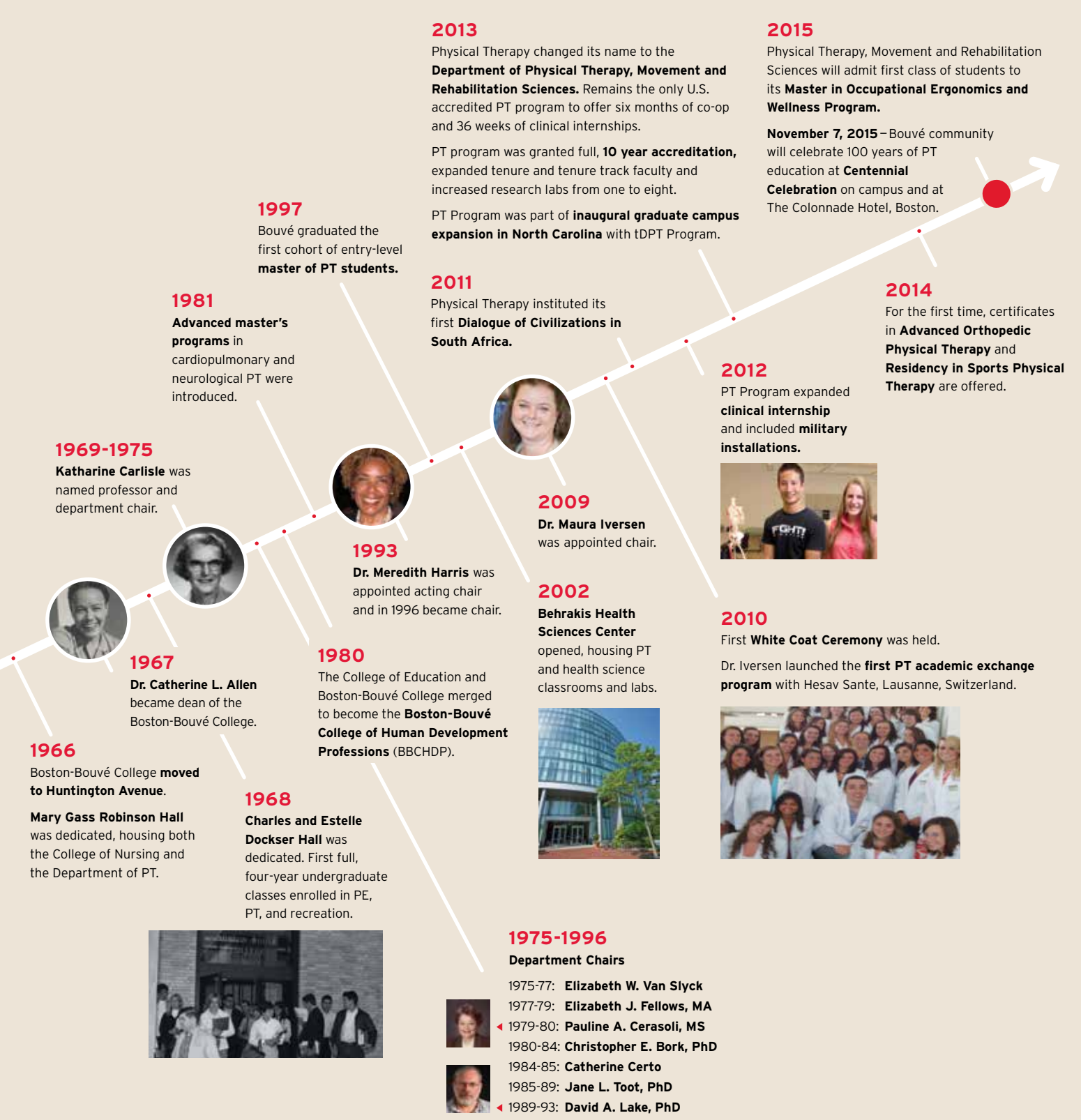
The first class of 10 graduated from **Boston School of Physical Education (BSPE)**.

Founded in 1913 by Marjorie Bouvé, Grace Shepardson, Mary Florence Stratton, Miriam Toby, Caroline Baxter, Bessie Barnes, and Marguerite Sanderson, BSPE graduated women with physical education (PE) degrees, which formed the foundation of the profession of Physical Therapy (PT).



1943-1945

BBSPPE students were taught World War II emergency courses and students played a vital role in polio patients' therapy.



1966
Boston-Bouvé College moved to Huntington Avenue.

Mary Gass Robinson Hall was dedicated, housing both the College of Nursing and the Department of PT.



1968
Charles and Estelle Dockser Hall was dedicated. First full, four-year undergraduate classes enrolled in PE, PT, and recreation.

1969-1975
Katharine Carlisle was named professor and department chair.



1967
Dr. Catherine L. Allen became dean of the Boston-Bouvé College.



1981
Advanced master's programs in cardiopulmonary and neurological PT were introduced.

1997
Bouvé graduated the first cohort of entry-level **master of PT students**.



1993
Dr. Meredith Harris was appointed acting chair and in 1996 became chair.

1980
The College of Education and Boston-Bouvé College merged to become the **Boston-Bouvé College of Human Development Professions (BBCHDP)**.



1975-1996

Department Chairs

1975-77: **Elizabeth W. Van Slyck**

1977-79: **Elizabeth J. Fellows, MA**

◀ 1979-80: **Pauline A. Cerasoli, MS**

1980-84: **Christopher E. Bork, PhD**

1984-85: **Catherine Certo**

1985-89: **Jane L. Toot, PhD**

◀ 1989-93: **David A. Lake, PhD**



2002
Behrakis Health Sciences Center opened, housing PT and health science classrooms and labs.

2009
Dr. Maura Iversen was appointed chair.



2011
Physical Therapy instituted its first **Dialogue of Civilizations in South Africa**.

PT program was granted full, **10 year accreditation**, expanded tenure and tenure track faculty and increased research labs from one to eight.

PT Program was part of **inaugural graduate campus expansion in North Carolina** with tDPT Program.

2013
Physical Therapy changed its name to the **Department of Physical Therapy, Movement and Rehabilitation Sciences**. Remains the only U.S. accredited PT program to offer six months of co-op and 36 weeks of clinical internships.

2012
PT Program expanded **clinical internship** and included **military installations**.



2010
First **White Coat Ceremony** was held.
Dr. Iversen launched the **first PT academic exchange program** with Hesav Sante, Lausanne, Switzerland.



2015
Physical Therapy, Movement and Rehabilitation Sciences will admit first class of students to its **Master in Occupational Ergonomics and Wellness Program**.

November 7, 2015 – Bouvé community will celebrate 100 years of PT education at **Centennial Celebration** on campus and at The Colonnade Hotel, Boston.

2014
For the first time, certificates in **Advanced Orthopedic Physical Therapy** and **Residency in Sports Physical Therapy** are offered.

Find out more about the Centennial Celebration, including events and sponsorship opportunities. Visit: <http://www.neu.edu/bouve/physical-therapy/>.

Email your photos, memories, questions and stories to bouvept100@neu.edu or call 617.373.4839.

TRANSITIONAL DPT PROGRAM

tDPT STUDENT NEWS

Albany K, Bibi K, Greenwood K. Walking speed differences following open heart surgery vary with discharge disposition. *J Acute Care Phys Ther.* [Accepted].

Moore M, Corkery M, Wilmarth MA. Differentiating Hip Versus Back Pathology with a Patient Status Post Lumbar Laminectomy and Fusion: A Case Study. *Orthop Pract* 2014 Vol. 26;3:14.

Green R, Lowe S. "Tai Chi and the relationship between improved balance and prevention of falls in the elderly: a systematic review". APTA Annual Meeting, Charlotte, NC. June 2014 Poster.

Murphy K, Lowe S. Improving fall risk assessment at home: Interdisciplinary use of the TUG. APTA Annual meeting, Charlotte, NC. June 2014 Poster.



Dr. Arsenio Paez received an **Excellence in Teaching Award** from the College of Professional Studies (CPS) for his work in the tDPT program. The award for Teaching Excellence encompasses many elements. The first is high intellectual standards in course content, rigor, and integration of scholarship and new knowledge. Second, excellent teaching is also defined by relationships and interactions as faculty and students follow the journey together as collaborators in a community of learners. A third element of teaching excellence recognizes the work faculty do to strive to make effective and inspiring links between theory, practice and experience and to do so with an extraordinary ability to communicate and build rich learning experiences. Dr. Paez received his undergraduate PT degree from NU in 1997 and is a 2006 graduate of the transitional doctoral program. He is also a principal in private practice in New York, Platypus Therapy, Inc., where he serves children and young adults who are developmentally delayed and at-risk.

ALUMNI NEWS

Marianela Rivera ('10) PT, DPT is working for the Lawrence Public School system. This has always been one of her goals because she really wanted to give back to the community that was there for her when she needed them. She started an annual "Family Fitness Night" at the Rollin's Early Learning Center in an effort to encourage kids to stay active to counteract the current type 2 diabetes epidemic. She sets up exercise stations around the auditorium and has other therapists and fitness instructors help teach. There is a nutrition station where they provide water, healthy snacks, and educated families about the importance of healthy eating. The families who attended had a lot of fun and she hopes to have a bigger turnout next year. After the event she was fortunate enough to have a community member donate a treadmill, which is something she's been needing to gait train students.



Dr. Rivera (left) leading a Zumba class

FEATURED ALUMNI

Amy N. Sheridan, PT, DPT, SCS, CSCS

Head, International Knee and Joint Centre in Abu Dhabi, UAE



What were your years of graduation from NU?

BS Rehab Sciences 2005, MSPT 2006, tDPT 2014

What is your current job setting and your specific role?

I am the head of the female rehabilitation department with the International Knee and Joint Centre in Abu Dhabi, UAE. Our core medical team originates from Boston, but we have staff from all over the world. Our goal is to bring high level, evidence based medicine to Abu Dhabi. We are currently focused on knee and shoulder injuries, as this is where the greatest need lies. There is a disproportionate number of ACL injuries in the Gulf region, and there is a significant demand for knowledgeable medical practitioners – doctors, physios, nurses - to not only correctly address the injuries but to also try to prevent them from occurring at the sky high rate they are now.

What are some of your biggest challenges?

There is no shortage of challenges out here! The biggest one has to be communication. I've worked with people from over 20 different countries, and our patients, while mostly local, also come from all over the world. That's 20 different languages, ways of interpreting pain, understanding of medicine and health, and cultural differences that greatly affect how we respond to each other and how patients respond to treatment. Given that we are primarily teachers, this obviously also affects our ability to educate patients. I have had to learn how to speak without saying anything and rely on my technical skills to make a diagnosis a lot of the time. It's amazing how culture and language influences how we interpret pain and disability differently; this changed my approach in how I treat patients here to some degree. Learning a bit of Arabic and spending time with some locals has helped bridge these gaps as well.

What has been your greatest reward?

This is actually a hard one, but I think it's simply having a patient appreciate you. Seeing that the patient gets all of the education, programming and hard work you've put into getting them back really makes it all worth it.

How did NU influence your career path?

The two things that had the greatest influence on my career were the co-op program and the PT department's teaching methodology. The co-op program was paramount to my growth as a PT. Being able to practice in different settings and take that back to the classroom allowed me to grow in leaps and bounds. It also gave me an early confidence in basics like communicating with patients and healthcare professionals at the same time as I explored different settings. The teaching methodology seems like a peculiar thing to choose as an influence. NU, at least from my perspective, integrated the science of medicine with the theories of practice, which allowed me to better interpret and apply my skills. For example, principles of Cyriax or Mateland or O'Sullivan were not taught discreetly, as some of my peers were taught, but were taught as techniques to help achieve a certain goal. I wasn't trapped in a certain mindset but could use the approach that best suited my patient at that specific time.

Any pearls or words of wisdom for the current students or new grads?

Take advantage of every opportunity granted to you, no matter how humbling or how outside of your comfort zone it is. Whether it's doing the administrative work on your first co-op, being critiqued by your CI, mentor or professor, or taking a dream job a thousand miles away – these are all opportunities that lead to learning and personal and professional development. You never know where they may take you, and it could be somewhere more exciting and interesting than you ever thought possible.

CENTENNIAL GALA



Save the Date!

Saturday, November 7, 2015

Centennial Celebration

Celebrating 100 years of Physical Therapy education at Bouvé

The Colonnade Hotel, Boston, MA

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DEPARTMENT OF PHYSICAL THERAPY, MOVEMENT AND REHABILITATION SCIENCES

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Excellence, Distinctiveness and Innovation

Physical therapy students at Northeastern University have the opportunity to enrich their education with real life experiences through our unique blend of experiential education offerings. Our foundation is our cooperative education program, one of the largest and most innovative programs in the world. We are proud to be the only PT program in the country to offer this program. Clinical education experiences provide extended exposure to current, state-of-the-art physical therapy practice in hospitals and clinics across the country care for clients across the lifespan and areas of clinical practice. Capstone physical therapy projects, electives and service learning sites open up the doors to new cultures, peoples and living situations. In addition to experiences in Boston and the continental United States we have opportunities in, Hawaii, Peru, Costa Rica, China, Cape Town, South Africa, Ecuador, and Switzerland.