

Calendar

April:

- Nursing 4 Sem 3: Mod 2
- tDPT 19 Sem 2: Mod 2
- OTD 15 Sem 2: Mod 2
- AOTA Conference

May:

- DPT Open House
- DPT Program Begins
- AT 4 Sem 4: Mod 2

June:

- AT 5 Sem 1: Mod 2
- tDPT 20 Sem 1: Mod 2
- OTD 16 Sem 1: Mod 2
- DNP 9 Sem 3: Mod 2
- DNP 10 Sem 2: Mod 2
- HPW 4 Sem 1: Mod 2
- OS 4 Sem 4: Mod 2
- Peds 6 Sem 1: Mod 2
- NATA Conference
- AANP Conference

Campus Contacts

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Entry-level DPT program granted CAPTE Candidacy Status

The entry-level Doctor of Physical Therapy (DPT) program at RMUoHP, has been granted candidacy status* by the Commission on Accreditation in Physical Therapy Education (CAPTE). The announcement was made on January 28, 2010 by Mary Jane Harris, MS, PT, Director of the Department of Accreditation for CAPTE.

Regarding the news, DPT Program Director, Dr. Robert Sellin, commented, "We are very fortunate to have a highly skilled team of educators who have worked diligently over the past year and half to make Candidacy possible. While Candidacy is not a guarantee of accreditation it is a very important step in the process which enables us to admit students to the program. The University is in a unique position to offer a needed educational service to Utah County and the western states area. We look forward to becoming a positive force on the delivery of healthcare both locally and nationally as our program matures."

Greetings from the BoT

The RMUoHP Board of Trustees (BoT) is an active group that works diligently, generally behind the scenes, to help ensure the quality and integrity of the University. Currently, the BoT is comprised of 14 individuals from a broad array of different disciplines and backgrounds, from all over the country. Virginia Nieland, PT, MS, DSc (Hon) serves as the current Chairperson. Board members serve no more than three, three-year terms. The BoT meets annually at RMUoHP during the Commencement Exercises, as well as multiple times throughout the year via distance technology. For more information about the BoT, visit the RMUoHP website at www.rmuohp.edu.

The BoT provides oversight of both financial and academic affairs of the University. The BoT Finance Committee, currently chaired by Keith Feverly, MBA,

GSC: More than a resume builder!

Kelly Potteiger, GSC Vice Chair & Athletic Training PhD Student

Let's face it - most of us are busy professionals well into our career. We are writing grants, publishing papers, conducting our own research, and presenting at professional conferences. Who has time for student groups or lunch for that matter? Well, the Graduate Student Council (GSC) is more than just a resume builder. Instead it is an outlet for the student body to provide feedback and be heard. In fact, the overall goal of the GSC is to address the needs of the students and to serve as a liaison between the students and administration. We cannot do this without you!

RMUoHP is pleased to announce the following faculty for the DPT program: Robert A. Sellin, PT, DSc, ECS; Jeffery D. Lau, PT, DPT, OCS, CMPT; J. Wesley McWhorter, PT, MPT, PhD; Kevin Helgeson, PT, DHSc; Tim Flynn, PT, PhD; Mark Walker, PT, PhD; Robert S. Pozos, PhD; Ronald Scott, PT, EdD, LLM; Mitchell J. Rauh, PT, PhD, MPH, FACSM; Stephen C. Allison, PT, PhD; Lori Thein Brody, PT, PhD, SCS, ATC; and, Sandra L. Pennington, PhD, RN.

Aegis Therapies, one of the largest contract aging rehabilitation companies in the country, has provided funds for an endowed chair and three scholarships in the DPT Program. The first DPT class begins May 10, 2010.

*Candidate for Accreditation is a pre-accreditation status of affiliation with CAPTE that indicates the DPT program is progressing toward accreditation. Candidacy is the final stage before full-accreditation, which is granted during the first DPT class's last semester. For RMUoHP's DPT program, this will take place in December 2012.

Dr. Dana Howell, BoT Secretary

JD, LLM, CFP, establishes overall mandates and priorities with regard to University financial planning and budgeting, approves the University's annual budget and long-range financial plan, and reviews the annual financial audit of the University. The BoT Academic Affairs Committee, currently chaired by Kevin Lyons, PhD, FASAHP, works to approve University programs of study and degrees, as well as any major substantive changes in the University's mission, policies and programs. In addition to these roles, the BoT is also active in the NWCCU accreditation process and evaluates the University President annually.

The BoT welcomes comments and input from faculty and students. You can contact the BoT **by emailing** bot@rmuohp.edu, or, look for BoT members in August at the commencement exercises and say hello!

We need representation from each degree program - the current needs are from the Clinical Electro DSc, the Pediatric Science PhD, and, soon, the entry-level DPT! If you are interested in representing your degree program, let us know. Unsure about the workload? Serving on the GSC is not highly taxing. We meet once every three months via teleconference for about one hour and terms are 12-24 months.

Want to get involved or have questions for the GSC? Just drop us an email at gsc@rmuohp.edu.

Regional accreditation update

Dr. Larry Banks, Provost

RMUoHP continues to prepare for the October 27 – 29, 2010 NWCCU site evaluation for initial accreditation. We thank you for your participation in various surveys. Surveys are an integral part of the institutional assessment process, and information you provided helped us to complete the first draft of our self-study. While the report will be submitted to NWCCU in late summer 2010, University constituents and the public will be invited, prior to the site visit, to send comments to NWCCU.

RMUoHP has a team of dedicated professionals ensuring compliance with the NWCCU standards. If you have any questions regarding the regional accreditation process, feel free to contact the University directly and we are happy to respond to all inquiries. You may also visit the NWCCU website at www.nwccu.org.

The University is presently collecting scientific poster presentations from students, alumni, and faculty (must list RMUoHP or include the RMUoHP logo). Contact Jessica Egbert (jegbert@rmuohp.edu) if you have a poster to display on campus!

Calling all faculty!

The Academic Leadership Council welcomes active faculty participation in University governance. Currently, the following committees exist:

- Admissions Review Committee
- Assessment Committee
- Committee on Faculty Appointments, Rank, and Promotion
- Curriculum Committee
- Committee on Inclusiveness
- Hearing and Resolutions Committee
- Library Committee

If you would be willing to serve on an annual appointment to any of the above committees or to the Academic Leadership Council, please contact Dr. Sandy Pennington, Academic Dean at spennington@rmuohp.edu.

Seeking interested students!

The Academic Leadership Council welcomes active student participation in University governance. Currently, students can serve on the following committees:

- Admissions Review Committee
- Assessment Committee
- Curriculum Committee
- Committee on Inclusiveness
- Hearing and Resolutions Committee
- Library Committee

If you would be willing to serve on an annual appointment to any of the above committees or to the Academic Leadership Council, please contact Dr. Sandy Pennington, Academic Dean at spennington@rmuohp.edu.

RMUoHP and Evidence in Motion form strategic alliance

RMUoHP is pleased to announce a strategic alliance with Evidence in Motion (EIM; www.evidenceinmotion.com). As part of the alliance, Dr. Tim Flynn, one of the nations' most recognized and distinguished physical therapy clinicians, researchers, and educators, will be joining RMUoHP's faculty full-time as Distinguished Professor of Physical Therapy. Additionally, Dr. Larry Benz, founding principal in EIM and nationally recognized business leader and clinician, will be joining the Board of Directors of Wasatch Educational Inc., which owns RMUoHP.

EIM is an education and consultation company dedicated to creating and promoting an evidence-based, best practice culture within the physical therapy profession. EIM's strategy is to create Residency, Fellowship, and Practice Management programs offering professional mentoring and high caliber learning opportunities that will change the face of education in the physical therapy profession. EIM currently provides support to Dr. Steve Allison, internationally respected and recognized expert in evidence-based practice (EBP), as the Endowed Chair in Evidence-based Practice at RMUoHP. Commenting on the collaboration, George Burkley, EIM's CEO, said, "The outlook for the physical therapy profession is terrific given the evidence to support physical therapists as cost-effective providers for patients with musculoskeletal conditions and the aging of the baby boomer generation. The genesis of our relationship with RMUoHP is hinged on a shared belief that a tremendous opportunity exists to improve the quality and availability of blended limited-residency, in-residence, and online educational programs to meet the growing demand for physical therapy education."

Dr. Richard P. Nielsen, President of RMUoHP, commented, "In RMUoHP's beginning, our mission was to alter the way that post-professional physical therapy education was provided by using innovative, distance-based, limited-residency learning platforms. Our association with EIM is attractive because they share a similar cutting-edge approach to physical therapy entry-level and post-professional training and education." Dr. Nielsen added, "One of the solid assets of EIM is that its principals, program directors, and core faculty are recognized as some of the top educators, researchers, and business leaders in the field of physical therapy and in the world. We are tremendously excited that Dr. Tim Flynn has chosen to join our physical therapy faculty at RMUoHP working in the entry-level and post-professional physical therapy doctoral programs. His scholarship, teaching, and practice experience adds tremendous depth to our educational programs and enhances our ability to recruit the best students and other faculty around the country."

"By aligning RMUoHP with EIM's trusted high-quality network of physical therapy providers around the country, all of which participate in an Orthopaedic Residency program and national outcomes collections, RMUoHP can enhance and expand its delivery of educational services around the country. We can utilize EIM's extensive practice network to place the DPT entry-level students from RMUoHP in clinical internships, which we believe will naturally evolve into year-long terminal Residency programs similar to how medicine trains physicians," concluded Dr. Nielsen.

Focus Feature: J. Todd Mansfield, PT, DPT, OCS, SCS



Dr. J. Todd Mansfield is a 2005 graduate of RMUoHP's transitional Doctor of Physical Therapy program, who recently shared with the University an uplifting story prompted by life changes experienced during the challenges of his degree program, "I loved my experience at RMUoHP because it taught and challenged me to focus on excellence – in all areas of my life." Mansfield's quest for excellence led him in 2007 to a new passion which would change his life.

Two-and-one-half years ago, Mansfield lingered at his church conversing with a maintenance worker about service opportunities and this worker's contributions to his home country of India. Inspired by his colleague's stories of creating orphanages, schools, and leper housing projects, Mansfield found himself in India six months later where he recounted first-hand the inspirational stories.



Feeling what he described as "holy discontent," Mansfield felt he was challenged to do something more for the people of India. Since his original trip, he and a small group of other volunteers have opened a school and a healthcare clinic in a remote tribal area. "This area is completely illiterate with no written language. They have never had a school teacher or medical facility," says Mansfield, thoughtfully. The same group has gone on to revitalize a struggling rural hospital with approximately 80 beds and an operating room.

To the hospital, which has now been open for one year, they've added a women's nursing school to train local women to become nurses. There are currently 100 students being trained and the hospital treats 50-70 patients per day. At the orphanage, which has expanded to a campus, they have added a women's dorm. There are about 150 children at the orphanage, approximately half of which are young girls. "They mostly slept on the floor with very little space or bathrooms. With the recent completion, they now have indoor plumbing and beds," said Mansfield regarding the women's dorm project.



Returning from his most recent trip in February, which included 13 volunteers, Mansfield addressed the goals of his efforts in India. "One goal for this trip was to better understand the needs of the hospital. We brought with us an orthopaedic surgeon to train two local doctors in basic surgical techniques. A secondary goal for the trip was to begin to determine what the needs are in this area for the local people to become more self-sufficient and independent, such as through livestock and farming."

"This recent trip - more than any other - has changed the way I view my life and how I plan to spend my remaining years." He continued, "As was portrayed in the movie *Blindside*, it really takes very little effort to make a profound difference in the world." Mansfield reflected on his experience, "By simply looking outward instead of looking inward not only can we have an effect on our surroundings but we can personally be forever changed. I have received so much more than I have given."

Dr. Richard P. Nielsen, RMUoHP President and cofounder of World of Difference (www.makeaworldofdifference.org), has spent decades serving the underprivileged in Africa and relates to Mansfield's passion, "People who have a sincere desire to reach out and pass on to others opportunities they have been given, such as Dr. Mansfield, and who truly "live outside themselves" will always find opportunities to serve others. I applaud his efforts and encourage all to look at ways we all can do better, be selfless, more considerate, more compassionate, and more willing to make sacrifices for others. You don't have to go across the world to Africa or India to serve others...you can just do it across your back fences in your neighborhoods and communities, your families, your work places, in small and simple ways... that is how the world can be changed one person at a time. You truly don't have to go out of your way to serve, you simply do it along your way."

Mansfield indicates it is as little as \$15 to sponsor a child at the orphanage in Orissa, India. **For more information on child sponsorship or Mansfield's service missions, you may reach him at tmansfield@stny.rr.com.**

Top: Tribal villagers from the town where Mansfield's group build the town's first school. **Middle:** Mansfield with the tribeswomen. **Bottom:** Mansfield and colleague working in a leprosy colony.

RMUoHP Foundation news

Recently, the Administration and Board of Trustees made a very wise decision to organize the Rocky Mountain University of Health Professions Foundation to benefit the University. The Foundation is dedicated to the overall mission of RMUoHP which is to provide cutting-edge educational opportunities for current and future healthcare professionals. The creation of this new non-profit (501(c)(3)) entity will allow the Foundation to raise awareness and seek outside funding from individuals, corporations, foundations, and government sources. The Foundation can now accept contributions that are tax deductible and can also apply for grants and other public and private funding. Regarding the creation of the Foundation, Dr. Les Smith, RMUoHP's newly-appointed Vice

Dr. Les Smith, Vice President of Advancement

President of Advancement commented, "The Foundation will open doors and will provide some unique, creative opportunities for developing additional financial support for the University."

Initially the focus of the RMUoHP Foundation will be to seek funding for student scholarships, research and allowable campus expansion. This new organization will also provide an avenue for greater alumni and community involvement through volunteer leadership and participation. For information on the Foundation, you can reach Dr. Smith at lsmith@rmuohp.edu.

Institutional Effectiveness update

Jessica D. Egbert, Director of Institutional Effectiveness

RMUoHP is committed to a culture of continuous, systematic, institution-wide assessment of performance-based outcomes for each academic degree program and administrative function. While RMUoHP's mission references evidence-based practice from an academic and clinical perspective, the University also includes this principle in day-to-day practices. This process ensures the University fulfills its mission and core values while demonstrating accountability to all constituents. To provide additional transparency, the University has posted to its website summary data for all 2009 institutional surveys, including the Student Satisfaction Inventory, Exit Interview Survey, and Alumni Survey. University constituents and the public may access this information by visiting the About the University > Mission, Vision, and Core Values or Institutional Effectiveness links on the University website at www.rmuohp.edu or by contacting Institutional Effectiveness at ie@rmuohp.edu. Since the last newsletter, Exit Interview Survey and Alumni Survey data was collected and aggregated. The Exit Interview Survey is provided to new graduates and will be addressed in next quarter's newsletter (and is currently available from the website).

The Alumni Survey is completed annually by graduates who completed their programs three and five years prior to the survey date and assesses perception regarding the University's alignment with its mission and core values, academic experience, satisfaction, and professional activity. For 2009, the response rate of 2004 and 2006 graduates was over 50% and also aligned closely with the actual population by degree program. Main points of the survey summary are included below. (Note: Many items included a rater response five-point scale (5 = strongly agree).)

- **Core Values and Mission.** All core values averaged **4.56** or higher. Alumni agreed (**4.89** average) that their degree program supported the University's current mission.
- **Professional activity.**
 - **58.7%** of the alumni surveyed hold board or specialty certifications and **100%** intend to obtain new or additional board or specialty certifications.
 - **95.65%** of these alumni are members of their professional association.
 - **43.5%** have held leadership offices in professional organizations at the state, regional, or national level.
 - **80.4%** have presented (post-graduation) at least one time at a professional meeting or workshop.
 - **32.6%** have published in journals, textbooks, or magazines post-graduation. Of these publications, **23.9%** were in peer-reviewed journals.
- **Educational experience impact on profession.** Alumni

strongly agree (≥4.5) their RMUoHP education enhanced their ability to perform research, helped them contribute to healthcare knowledge, enabled them to impact healthcare change, has had a positive impact on their career, and has improved their evidence-based practice skills. In response to the statement "I have received, or anticipate receiving, a raise or promotion because of my education at RMUoHP." the mean response **3.84**. With means of **4.82** and **4.86**, respectively, alumni clearly agreed they have achieved both the academic program goals and their own goals.

- **Overall satisfaction.** When asked if they were satisfied, overall, with their RMUoHP experience, **100%** responded "Yes." On a scale of 1-10 (10 = Absolutely will recommend.) on how likely the alumni would recommend RMUoHP to a friend, family member, or colleague, the mean response was **9.39**.
- **Written responses.** RMUoHP asked alumni three open ended questions regarding what would increase the likelihood of referring others to the University and many alumni noted no improvements required or that many of the improvements had already been made. Others commented regarding lack of accreditation and financial resources. A second open-ended question asked alumni to comment about any perceived weaknesses. Responses to this question were similar to the previous and included recommendations regarding accreditation, academic model, and curricula. Lastly, alumni were asked to comment on strengths of the University and their degree program. Repeatedly cited as strengths were student support, faculty, and emphasis on evidence-based practice.

The three institutional surveys conducted at RMUoHP allow the University to triangulate the alignment and perception of its primary constituents (students) with the achievement of the University's mission and core values. We are pleased to see both students and alumni have high levels of satisfaction and fundamentally agree the University is achieving its mission and supporting its values. By communicating with and thoughtfully considering student and alumni feedback, the University strives to support its core value of student-centeredness. As such, the University appreciates the time students and alumni spend completing surveys which data translates into action through the University's systematic, continuous improvement plan. For example, prior feedback regarding electronic library resources has already translated into changes in the Library and Resource Center, as noted in this newsletter. Additionally, RMUoHP has made diligent efforts to modify faculty grade submission procedures which have increased the timeliness of grades by 20% since August 1, 2009. As evidence of and to demonstrate commitment to its continuous improvement plan, the University provides this data for public consumption via the University website and quarterly newsletters.

Library and Resource Center update Joy Harriman, Medical Librarian

The Library and Resource Center (L/RC) are growing, streamlining, and designing services to more closely connect with you and the University's degree programs. The L/RC seeks to provide better training and access to the evidence-based information you need to make the best practice decisions, offer the best patient care, and conduct sound research. Frequently, you may hear us inquire, "What do you need and what can we do to more fully support you in the role you've chosen?" We look forward to your responses!

Feedback from the University's institutional surveys recommended an increase in the L/RC's holdings by offering more electronic full-text journals. As of this month the print collection has grown 168% over the last five years – 135 texts were added in February alone! The book collection is particularly strong in the Practice of Medicine (20%), Musculoskeletal System (18%) and Nursing (10%) areas, reflecting the spectrum of disciplines taught at RMUoHP. Although a quality print collection is essential to the overall information service provided, the Library continues to become increasing electronic in nature. The L/RC now provides four database services containing over 13,000 full-text periodical and book titles. The most significant change for the L/RC has been the tremendous growth of RMUoHP's programs and the following expansion of our services. *Here are a few of the 2010 changes to the Library and webpage:*

- A new orientation including instruction in information resources, and research to help you develop self-sufficiency through a mix of technology-based instruction and personal, customized assistance.

- New handouts about recommended electronic sources for different topics.
- A searchable list of Books, Dissertations, and Capstones.
- Purchase requests and service recommendation forms.

Changes to the Resource Center include:

- Adding 183 linear feet of shelving and a Reference Desk.
- The Dissertations and Capstones are in public areas.
- The addition of almost all texts noted as "required" on syllabi.
- Meeting and study space for Graduate Program Directors and students.
- Auditing and removal of old items.

The L/RC is available to support your needs. For questions, suggestions, or training, contact the L/RC at library@rmuohp.edu or 801.734.6820

Did you know...

Besides information on RMUoHP's electronic library, the Current Students > Library Services link on the RMUoHP website (www.rmuohp.edu) has helpful links to evidence-based practice resources, free research databases, journals, and websites, copyright and plagiarism guidelines?

IRB corner Darcy L. Hammar, IRB Manager

Tips for a strong IRB submission

Scientific Merit

"One of the ethical justifications for research involving human subjects is the social value of advancing scientific understanding and promoting human welfare by improving health care. But if a research study is so methodologically flawed that little or no reliable information will result, it is unethical to put subjects at risk or even to inconvenience them through participation in such a study." (http://www.hhs.gov/ohrp/irb/irb_chapter4.htm#f1)

While faculty advisors will have reviewed the scientific merit of proposed projects, IRB members will also assess scientific merit to ensure that it is also ethical. The federal regulations under which IRBs operate do require that IRBs determine whether "[r]isks to subjects are reasonable in relation to anticipated benefits, if any, to subjects and the importance of the knowledge that may reasonably be expected to result" [45 CFR §46.111(a)(2)].

Belmont Report applied

In addition to scientific merit, the IRB considers research ethics as it relates to the three principles of *The Belmont Report* – respect, beneficence, and justice. All investigators should be familiar with the contents of *The Belmont Report*. (<http://ohsr.od.nih.gov/guidelines/belmont.html>).

Application document - Abstract, background, and beyond

Many project proposals are written in the first person (I will, I have, etc.) and the IRB application asks for third person. While cutting and pasting from the proposal can be the first step, it will require strong editing to answer the IRB application items. The IRB also

Physical Therapist DSc Graduates

Interested in earning your transitional DPT? Many of your DSc credits may transfer! For more information, contact Bryce Greenberg, Director of Admissions, at bgreenberg@rmuohp.edu!

needs to be able to assess the study activities separate from standard practice activities.

Informed consent forms

The RMUoHP template is the best place to start as it is based on 45 CFR §46.116 (<http://www.hhs.gov/ohrp/humansubjects/guidance/45cfr46.htm#46.116>).

Principal Investigators may find the Office of Human Research Protection checklist easier to follow. (<http://www.hhs.gov/ohrp/humansubjects/assurance/consentckls.htm>).

Be sure subject tasks are in lay language, easy to understand, and in sequential order.

Internal consistency

This cannot be stressed enough. Be sure that there is internal consistency among documents. This is challenging, given the number of drafts and revisions an investigator may prepare, but the most common reason applications are not approved is that different information is given in the application, informational documents, and the informed consent documents.

If you have any questions about the IRB or its processes, you may reach the IRB via the IRB Manager at irb@rmuohp.edu.

RMUoHP students, alumni, and faculty “wow” APTA’s Combined Sections Meeting

Combined, RMUoHP’s students, alumni, and faculty gave more than 50 education sessions, platform presentations, and poster presentations at the February Combined Sections Meeting (CSM) of the American Physical Therapy Association. “The profound amount of knowledge shared by RMUoHP affiliates at CSM speaks to the outcomes and quality of the University’s programs, but especially to the type of motivated students and dedicated faculty committed towards moving forward healthcare knowledge. We’re thankful and rewarded by such affiliations,” said Dr. Sandy Pennington, RMUoHP’s Academic Dean.

The individual(s) affiliated with RMUoHP are bolded in the following list of presentations. Besides the presentations, two prestigious research awards were given to RMUoHP affiliates: **Dr. Mitch Rauh (Director of Research)** received the *Sports Section Excellence in Research Award* and **Dr. Vickie Meade (Graduate)** and **Dr. Jane Sweeney (Graduate Program Director)** received the *Pediatric Section Jeanne Hughes Research Award*. The Pediatrics Section also has named the *Neonatology Lectureship* after **Dr. Jane Sweeney** – the *Dr. Jane Sweeney Lectureship in Neonatology!* **Dr. Robert Sellin (Graduate and Program Director)** was sworn in as Clinical Electrophysiology and Wound Management Section President.

- *EMG/NCV Testing Roundtable Discussions and Forum*. Thomas Glumac; **Edward Schrank (Graduate)**; Todd Telemeco.
- *Incubating Innovation*. **Janet Bezner, PT, PhD (Faculty)**; Beth Crowner; Susie Deusinger; Jody Gandy; Michael Johnson; Jennifer Wilson.
- *Model to Facilitate Student Clinical Decision-Making for the Patient/Client With a Neuromuscular Condition*. Cheryl B Footer; Marcia B Smith; **Patricia A Winkler (Graduate)**.
- *The Many Faces of Sports Physical Therapy*. George Davies; **Todd Ellenbecker (Faculty)**; Allen Hardin; Robert C Manske; Erik P Meira; **Mark V Paterno (Student)**; Teresa Schuemann.
- *Balance and Falls SIG Roundtable: Fall Risk Assessment and Measures Used for Fall Risk*. **Linda Csiza (Graduate)**. Author: Mary Hudson-McKinney.
- *New Technologies in Stroke Research: What are the Immediate Clinical Applications?* **David Brown (Faculty)**; Julius P Dewald; Michael D Ellis; Joseph Hidler.
- *Stroke SIG Roundtable: Assessing Gait Speed*. **Susan Ryerson (Graduate)**; Kay Wing.
- *Facilitating Change in Rehabilitation Services Administration: A Short Course for Managers and Leaders*. **Edward Dobrzykowski, Jr. (Graduate)**.
- *Providing Pediatric Care in the International Community: Harmful or Helpful? Who Decides?* Susan Klappa; **Vickie Meade (Graduate)**.
- *Selected Lower Extremity Injuries and the Female Athlete: The Role of the Hip and Other Epidemiological, Screening, and Treatment Issues*. Lori Bolgla; Irene S Davis; Erik P Meira; **Mark V Paterno (Student)**; **Mitchell J Rauh (Director of Research)**; Michael Reiman.
- *A Departmental Look at Identifying and Managing Students At-Risk in a Physical Therapy Education Program*. **Ronald Barredo (Graduate)**.
- *Analysis of Physical Therapist Assistant Practice of Joint Mobilization And Sharp Debridement In The United States*. **Lynne Hughes (Student)**.
- *The Reliability of Rehabilitative Ultrasound Imagine Measurements of the Lumbar Multifidi Recorded by Physical Therapy Students with Minimal Training*. **Edward Schrank (Graduate)**.
- *Ascertaining Student Learning in the First Clinical Education Experience of Student Physical Therapist Assistants*. **Ronald Barredo (Graduate)**.
- *Coming Full Circle: Evaluating the Performance of the Academic Coordinator/Director of Clinical Education in Physical Therapist Education from Multiple Sources*. **Kathleen Marie Buccieri (Graduate)**.
- *Clinical Decision-Making Associated With Atlantoaxial Instability in a Patient Diagnosed With Ankylosing Spondylitis*. **Michael D Ross (Graduate Program Director)**.
- *Prevalence and Prognostic Validity of Directional Preference Determined During the Examination of Patients With Lumbar Impairments*. **Guillermo Carlos Cutrone (Graduate)**.
- *Responsiveness of the Lower Extremity Functional Scale (LEFS) in Patients with Lower Extremity Musculoskeletal Dysfunction*. **Aimee B Klein (Graduate)**.
- *Shoulder Mobility and the Prevalence of Glenohumeral Internal Rotation Deficit (GIRD) in High School Softball and Baseball Players*. **Ellen Shanley (Student)**.
- *A Bilateral Comparison of Anterior Shoulder Position in Elite Junior Tennis Players*. **Todd Ellenbecker (Faculty)**.
- *The Effect of Graft Type on Lower Extremity Compensations Following ACL Reconstruction*. **Mark V Paterno (Student)**.
- *Incidence of Injury in Boys' and Girls' High School Volleyball: A 20-Year Longitudinal Study*. **Mitchell J Rauh (Director of Research)**.
- *Prevalence and Relationships between Disordered Eating, Menstrual Dysfunction, and Musculoskeletal Injury Among Competitive Female Interscholastic Runners*. **Mitchell J Rauh (Director of Research) - Sports Section Excellence in Research Award**.
- *Treatment of a Patient with Post-Natal Chronic Calf Pain Utilizing Instrument-Assisted Soft Tissue Mobilization*. **Amy J Bayliss (Graduate)**.
- *EMG Analysis of the Biceps Brachii, Extensor Carpi Radialis Brevis, Flexor Carpi Radialis, and Extensor Pollicis Longus during Forearm Pronation and Supination*. **Arthur J Nitz (Faculty)**.
- *The Effects of Light Emitting Diode (LED) Therapy on the Superficial Radial Nerve*. D. Fishburn; T. A. Telemeco; B. Brill; **Edward Schrank (Graduate)**; K. Abraham.
- *Physical Examination Combined with Electrodiagnostic Testing to Diagnose and Treat Infraspinatus Myofascial Trigger Points and Superficial Radial Sensory Nerve Myelinopathy with Manual Therapy: A Case Report with a Four Month Follow-up*. **Eric Wilson (Graduate)**.
- *How Does a Physical Therapist Acquire the Skills of an Expert Clinical Instructor?* **Kathleen Buccieri (Graduate)**; S. E. Pivko; D. L. Olzenak.
- *A Curriculum Model to Prepare Physical Therapy Students to Meet the Unique Needs of Patients with Multiple Sclerosis*. L. B. Johnston; A. Rosenberg; **Eilish Byrne (Graduate)**; M. Mahon.
- *Enhancing Curricular and Course Development Using a Collaborative Reflective Process*. **Mary Weddle (Graduate)**; D. O. Sellheim.
- *This is Your Brain and Spinal Cord: KEEP 'EM SAFE*. **Karen Wingert (Graduate)**.
- *Balance and Gait-related Outcomes of Community Dwelling Older Adults with a History of Falling after a Modified Otago Exercise Intervention*. S. A. Bobula; **Judith Dewane (Graduate)**; K. Kraemer; T. Nelson; B. Heiderscheidt.
- *Correlational Study of the National Institutes of Health Stroke Scale with Older African Americans*. **Carole C. Burnett (Graduate)**.

(Continued on page 7.)

“Vision without action is a daydream. Action without vision is a nightmare.”

– Japanese Proverb

APTA's Combined Sections Meeting (Continued from page 6.)

- *Rehabilitation of a Man with Runner's Dystonia*. C. R. Grove; B. Heiderscheit; **Lori Thein Brody (Graduate Program Director)**.
- *Reliability and Validity of the Nintendo Wii Fit™*. **Laura Z. Gras(Graduate)**; E. Hine; A. Hummer.
- *The Use of a Lighted Tilted Frame with Two Individuals who had a Cerebral Vascular Accident*. **Laura Z. Gras (Graduate)**; J. Martin; T. Surprenant.
- *Gait and Balance Training with the KineAssist®*. L. Weil Foster; K. Goodlow; E. Lewis; M. Berkowitz ; E. Roth; **David Brown (Faculty)**.
- *Effects of Chemotherapy Treatments on Balance in Women with Stage I, II, or IIIA Breast Cancer*. **Amy Nordon-Craft (Graduate)**; N. Bookstein; M. Schenkman; C. Jankowski.
- *The Functional Movement Screen deep squat test: A quantitative validation of the clinical scoring criteria*. C. Southers; C. Scoma; R. J. Butler; **Kyle Kiesel (Faculty)**.
- *The Importance of Adverse Drug Event (ADE) Identification by the Physical Therapist (PT) in the Acute Rehabilitation Setting: A Case Example*. J. Howard; **Amy Nordon-Craft (Graduate)**; R. Page; T. Struessel.
- *The Role of Critical Reflection and Research Evidence in the Development of Best Practice*. **Ronald Barredo (Graduate)**.
- *The Development of a Protocol for the Analysis of Youth Baseball Player's Pitching Technique*. **Kevin Helgeson (Faculty)**; S. Hackett; J. Miller.
- *Quadriceps Femoris and Hip Extensor Strengthening Using a Lateral Step-up Exercise*. **Richard Ekstrom(Graduate)**; R. Osborn; B. Doke; B. Magstadt; E. Neuheisel; G. Paulsen; A. Rohlving; K. Wallinga.
- *A Comparison of Risk Factors between Patients Diagnosed With Hip OA Undergoing Hip Joint Arthroplasty and Non-operative Treatment*. **Paul E. Niemuth (Graduate)**; S. Huber; A. Radulovic; M. Schultz; M. Taylor; N. Dockendorff; A. Eggiman; N. Haase.
- *Between Session Changes Predict Overall Perception of Improvement but Not Functional Improvement in Patients with Shoulder Impingement Syndrome Seen for Physical Therapy: An Observational Study*. J. Garrison; **Ellen Shanley (Student)**; C. A. Thigpen; E. J. Hegedus; C. Cook; **Mitchell J. Rauh (Director of Research)**, Lori A. Michener; **Todd S. Ellenbecker (Faculty)**.
- *Quantitative Strength Measurements for Scapular Protraction and Retraction*. **Duane A. Williams (Graduate)**.
- *Subclavicular & Neck Pain Managed by Manipulation and Trigger Point Dry Needling*. L. Krum; **Timothy Flynn (Faculty)**.
- *Immediate Effects of Thoracic Transverse Mobilization in Patients with the Primary Complaint of Mechanical Neck Pain: A Pilot Study*. L. Murahashi; T. Sena; B. Yarnall; **Robert Boyles (Faculty)**; C. J. Benson-McGregor.
- *The Implications of Prosthetic Knees on Infant and Toddler Motion*. **Colleen Coulter-O'Berry (Graduate)**; M. Geil; **C. B. Heriza (Faculty)**.
- *A Longitudinal Study of Outcome Measures for Children Receiving Early Intervention Services*. **Heidi J. Eigsti (Graduate)**; L. Chandler; A. W. Bodkin; C. Robinson.
- *Effect of Functional Limitation Due to Cerebral Palsy on the Energy Cost of Ice Skating*. **Sharon Fleming Walsh (Graduate)**; L. Pax Lowes; B. Donahoe-Fillmore; L. Bouillon.
- *Effect of Functional Limitation Due To Cerebral Palsy on the SEMG of the Lower Extremity During Ice Skating*. **Sharon Fleming Walsh (Graduate)**; L. Pax Lowes; B. Donahoe-Fillmore; L. Bouillon.
- *Incidence of Deformational Plagiocephaly, Torticollis and Sensory Neglect in Infants Admitted to the NICU*. **Karen K. Vandersypen (Graduate)**.
- *What is the Prevalence of Patellofemoral Pain Syndrome in Females aged 18-23 and aged 25-35 years?* **James R. Roush (Faculty)**; R. Drake; T. Taylor; S. Larsen; L. Mattis; A. Frank; C. St James; B. Alvar.

Student Notices

- The **2010 Commencement Exercises** are Saturday, August 7. Those eligible to participate this year include the following*:
 1. Graduates who have been granted their degrees by the RMUoHP Board of Trustees.
 2. tDPT/OTD students who have submitted all coursework by the registration deadline (May 30, 2010), hold the minimum required GPA of 3.00, and have received approval from their GPD(s) to attend Commencement.
 3. DNP and/or DSc/PhD students who have successfully defended their capstone projects or dissertations by July 1, 2010, and have received approval from their GPD(s) to attend Commencement.

* Students who register for Commencement and order regalia also assume the risk of not being permitted to attend the ceremony if a poor or incomplete grade is posted or if all financial obligations to the University are not current.
- **Update to Incomplete/In Progress Policy:** Effective immediately, the maximum timeframe allowed under Incomplete and In Progress contracts is the final day of the subsequent semester. This will apply to contracts filed on or after February 23, 2010. Please contact the Registrar (registrar@rmuohp.edu) with any questions!
- The current (2008) **Campus Safety and Crime Report** is available on the Current Students>About the University>Campus Information link of the University website (www.rmuohp.edu).
- **Helpful writing resources** are now available under the [Student Services](#) link on the RMUoHP website.
- **Personnel Updates:** During the last quarter, RMUoHP welcomed Bryce Greenberg as the new Director of Admissions. Greenberg will replace Jessica Egbert in her admissions function as she transitions to Director of Institutional Effectiveness. Egbert continues serving as Director of Student Services. The University also welcomed Joy Harriman as Medical Librarian.

Diversity Tips for Speakers¹

- **Use simple language.** The typical person in the United States reads at a fourth-sixth grade level.
- **Supplement adjectives you use with descriptions of physical (or personality) characteristics which described what you mean.** Using phrases like "All American boy" or "good worker" leave too much to the interpretation of the listener.
- **Use cross-cultural examples.** If you tell four stories, be sure at least two of them reflect a culture or group different from your own.
- **Screen your examples for words or situations which are unintentional offenders based on class or education.**

¹Quoted from City of Scottsdale AZ. (2010). *Diversity Tips*. Retrieved March 22, from <http://www.scottsdaleaz.gov/HR/diversity/diversitytips.asp>.

Spotlights!

RMUoHP congratulates the students, alumni, faculty, and other RMUoHP affiliates on their professional achievements included in this edition of Spotlights!

- **The following DSc or PhD students successfully defended their dissertations:** Lynne Romeiser-Logan (Pediatric Physical Therapy), John Jefferson (Orthopaedic and Sports Physical Therapy), Sean Roach (Orthopaedic and Sports Physical Therapy).
 - **The following DNP students successfully defended their capstone projects:** Nicole Hooper, Scott Kauffman, Elizabeth Stumpf, Doug Wakhu, Judy Snow, Carrie Ogilvie, John Schmalting.
 - **The following papers, textbooks, and book chapters have recently been published:**
 - **Chan ITF.** An evidence-based practice for the treatment of lateral medullary syndrome. *HKJOT* 2009;19(2):50-55.
 - **Crabtree JL.** No one dresses accidentally: A research synthesis on intentional occupational performance. *OTJR: Occupation, Participation Health* (Online Advance Release, 2009).
 - **Crabtree JL, Troyer JD, Justiss MD.** The intersection of driving with a disability and being a public transportation passenger with a disability. *Topics Geriatric Rehab*, 2009;25:163-172.
 - Fisher T, **Crabtree JL.** General cohort theory: Have we overlooked an important aspect of the entry-level OT Doctorate debate? *Am J Occup Ther.* 2009;63:656-660.
 - **DalPezzo NK.** Nursing care: A concept analysis. *Nursing Forum* 2009;44:256-264.
 - Faigenbaum AD, **Myer GD.** Resistance training among young athletes: safety, efficacy and injury prevention effects. *Br J Sports Med.* 2010;44:56-63.
 - **Ford KR, Myer GD, Melson PG, Darnell SC, Brunner HI, Hewett TE.** Land-jump performance in patients with Juvenile Idiopathic Arthritis (JIA): A comparison to matched controls. *Int J Rheumatol.* 2009;Epub 2010:1-5.
 - Hickey KC, Quatman CE, **Myer GD, Ford KR, Brosky JA, Hewett TE.** Methodological report: Dynamic field tests used in an NFL combine setting to identify lower-extremity functional asymmetries. *J Strength Cond Res.* 2009;23:2500-2506.
 - **Sweeney JK, Heriza CB, Blanchard Y, Dusing SC.** Neonatal Physical Therapy. Part II: Practice frameworks and evidence-based practice guidelines. *Pediatric Phys Ther.* 2010;22:2-16.
 - **Sweeney JK, Heriza CB, Blanchard Y.** Neonatal Physical Therapy. Part I: Clinical competencies and NICU clinical training models. *Pediatric Phys Ther* 2009;21:296-307.
 - **White D, Moir A, Zweifler J, Hughes S.** Parental satisfaction without antibiotic. *Nurse Pract.* 2010;35:40-42.
 - **Crabtree JL.** Changes and trends in education, research, and practice (pp. 355-365). In K. Sladyk, K. Jacobs & N. MacRae (Eds.). *Occupational Therapy Essentials for Clinical Competence.* Thorofare, NJ: Slack, Inc. 2009.
 - **Brumitt J, Dale RB.** Integrating shoulder and core exercises when rehabilitating athletes performing overhead activities. *N Am J Sports Phys Ther.* 2009;4(3):132-138.
 - **Brumitt J, Sproul A, Lentz P, McIntosh L, Rutt R.** In-season rehabilitation of a division III female wrestler after a glenohumeral dislocation. *Phys Ther in Sport.* 2009;10(3):112-117.
 - **Brumitt J.** Injury prevention for high school female cross-country athletes. *Athletic Therapy Today.* 2009;14(4):8-12.
 - **Brumitt J.** A return to running program for the postpartum client: a case report. *Physio Theory Practice.* 2009;25(4):310-325.
 - **Brumitt J, McIntosh L, Rutt R.** Comprehensive sports medicine treatment of an athlete who runs cross-country and is iron deficient. *N Am J Sports Phys Ther.* 2009; 4(1): 13-20.
 - **Powell R, Wietlisbach C.** Clinical commentary in response to: Clinimetric evaluation of measurement tools used in hand therapy to assess activity and participation. *Journal of Hand Therapy.* 2009;22:237-239.
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- As part of **Mark Paterno's** dissertation, several RMUoHP students, faculty, and their co-authors will be awarded the 2010 *NCAA Research Award* from the American Orthopaedic Society for Sports Medicine. The paper, entitled "Dynamic Hip Rotation Deficits Predict Second Anterior Cruciate Ligament Injury after ACL Reconstruction and Return to Sport," was authored by **Paterno MV, Schmitt LC, Ford KR, Rauh MJ, Myer GD, Huang B, Hewett TE.**
 - **Greg Myer** and his co-authors were awarded the 2009 *Journal of Athletic Training Clint Thompson Award for Clinical Advancement* for their paper entitled "Longitudinal Assessment of Noncontact Anterior Cruciate Ligament Injury Risk Factors during Maturation in a Female Athlete: A Case Report." This case report was completed as a course assignment under **Dr. Leamor Kahanov.** Besides Myer and Kahanov, co-authors also included Kevin R. Ford, John G. Divine, Eric J. Wall, and **Timothy E. Hewett.**
 - **Rebekah Powers** was awarded the 2009 *National Nurses in Staff Development Organization Belinda E. Puetz Award* in recognition of her contribution to staff development (http://www.mywesttexas.com/articles/2010/03/19/news/top_stories/mmh_to_recognize_certified_nurses.txt). **Powers** also presented a poster at a recent nursing conference: **Powers, R. & Harris, L.** Cost effective ways to promote evidence-based practice in healthcare institutions. Poster presentation at 3rd Annual Nurse Faculty/Nurse Executive Summit in Scottsdale, AZ, December 3-5, 2009 sponsored by *Nursing Economic\$.*
 - **Dr. Stephen A. Black** received an appointment as assistant professor at Florida Gulf Coast University.
 - **Dr. Heather Roberts** welcomed baby Grace on December 13, 2009.
 - **Dr. Ivan Mulligan** was re-elected as President of the Pennsylvania Physical Therapy Association.
 - **Dr. Jannett Lewis-Clark** was appointed as Director of the Allied Health Department at Tuskegee University.
 - **Dr. Marina Kesler** released her new album, *Return*, which is available at <http://www.cdbaby.com/cd/MarinaKesler>.
 - **Dr. Marie-Eileen Onieal** was a guest on ReachMD XM 160 regarding the role of nurse practitioners and the profession.
 - **Drs. Tandra Marik, Kristin Valdes, and Nancy Wesolowski** partnered together to lead the Journal Club for the American Society of Hand Therapists On-line Monthly Journal Club. The trio also gave an instructional course at the American Association for Hand Surgery (AAHS) Annual Meeting on *Therapists Management following Distal Radius Fracture.*
 - **Dr. Gretchen Bodell** is serving her third year as Affiliate Director on the Board of Directors of the AAHS.
 - **Dr. Susan Michlovitz** is serving her second year on AAHS Board of Directors. **Dr. Michlovitz** has joined the Editorial Board of *Hand*, the journal of AAHS.
 - **Deborah Hanks** was appointed as Assistant Medical Director of Marana Community Health Center in Marana, Arizona.
 - **Gretel Cosman** welcomed baby Liam on December 26, 2009.
 - **Dr. Susan (Gallo) Miale** welcomed baby Benjamin on November 16, 2009.
 - **Dr. Kirsten Davin** welcomed baby Dena on December 15, 2009.