

Calendar

March:

- 2nd Annual Evidence-Based Clinical Decision-Making Conference
- DPT 11 Session 2
- OTD 7 Session 2
- Peds 5 Session 1
- Nursing 3 Session 2
- Basic ENMG Training Session 1
- AAPT/NSAH Conference
- DPT 12 Session 1
- OTD 8 Session 1

April:

- HPW 2 Session 6
- 18th Annual ENMG Symposium
- OS 3 Session 4
- AOTA Conference
- DNP 3 Session 2
- NWCCU Interim Candidacy Site Evaluation

May:

- NWCCU Interim Candidacy Site Evaluation (Continued)
- Nursing 2 Session 5
- DNP 2 Session 3
- DPT 13 Session 1
- OTD 9 Session 1
- Memorial Day (Closed)

Celebrate your Achievement!

August 3-4, 2007 is Commencement Weekend!

On August 3, 2007 RMUoHP will host a casual evening banquet for all new graduates and their guests; the formal Commencement Exercises will occur on Saturday, August 4!

To find out if you're eligible to participate, see the article on page 2 and email Gretel Cosman (registrar@rmuohp.edu) to sign up! We look forward to seeing you in August!

RMUoHP Shines at 2007 CSM

At the February 2007 Combined Sections Meeting of the American Physical Therapy Association, RMUoHP's students, alumni, and faculty presented at 25 educational forums and platform presentations; many others received clinical specialist board certification (or recertification). Regarding the RMUoHP representation, Dr. Mitch Rauh, Director of Research at RMUoHP, said, "We're proud of our affiliation with these fine scholars. CSM was another example of the quality of individuals with which RMUoHP associates and a testament to the quality education and faculty at the University. We expect this line of original research or evidence-based approach on physical therapy to continue at future and similar meetings." The University, whose mission includes evidence-based principles and promulgation of new knowledge, congratulates these individuals for their leadership and achievement.

Educational Forums

- **Dr. Dale Avers** (DPT) - To bend or not to bend while testing individuals with osteopenia or osteoporosis. Panel discussion on osteopenia or osteoporosis.
- **Stella Bacharich** (Geri DSc); **Dr. Eunice Shen** (DPT, Peds DSc) - Clinical decision-making across cultures: Practical strategies for exploring and integrating health beliefs with patient care
- **Dr. Janet R. Bezner** (Faculty) - Developing future component leaders.
- **Dr. David A. Brown** (Faculty), **Dr. Katherine Sullivan** (Faculty) - Strength-training effectiveness post-stroke: Results of the STEPS clinical trial.
- **Dr. David A. Brown** (Faculty) - Mock National Institutes of Health (NIH) review: A glimpse into the NIH grant review process.
- **Dr. Todd S. Ellenbecker** (Faculty) - The adolescent athlete's shoulder.
- **Dr. John Halle** (Faculty) - Evidence-based practice for the electrophysiologic evaluation of carpal tunnel syndrome.
- **Dr. Mary Massery** (Adv Neuro DSc) - The gastrointestinal system as an integral component of motor assessment and secondary health restrictions in the pediatric patient.
- **Rebecca S. McKnight** (MS) - Navigating the curricular design maze.
- **Dr. Art Nitz** - Clinical electrophysiological effects of aging on neurological function.
- **Mark S. Paterno** (Ortho Sports DSc) - The ACL injured athlete: Factors to consider in 2007.
- **Dr. Mitchell J. Rauh** (Director of Research); **Jill Thein-Nissenbaum** (Ortho Sports DSc) - The

female athlete triad: Issues and prevention strategies.

- **Dr. Susan D. Ryerson** (Adv Neuro DSc) - It's not about arms and legs: Research findings and clinical implications for treating the trunk post-stroke.
- **Dr. Debra Sellheim**; **Dr. Mary Weddle** (Geri DSc) - Extreme Makeover: An innovative curricular model preparing physical therapists for Vision 2020.
- **Dr. Florence Thillet-Bice** (Peds DSc) - Regional directors special issues forum: Benefits and barriers when enhancing the life of children through PT/PTA collaboration.
- **Dr. Robert S. Wainner** (Faculty) - Integrating evidence into private practice.
- **Dr. Patricia A. Winkler** (Adv Neuro DSc) - Neurology section roundtable.

Platform Presentations

- **Dr. Ronald D. Barredo** (DPT, Faculty) - Reflective and Evidence Based Practice: Affirming the Complementary Nature of Both Practices Through Retrospective Case Analysis.
- **Dr. Todd S. Ellenbecker** (Faculty) - A Descriptive Profile of Hip Rotation Range of Motion in Elite Tennis Players and Professional Baseball Pitchers.
- **Dr. Matthew B. Garber** (Faculty) - Use of Diagnostic Imaging to Identify a Liposarcoma.
- **Robbin Hickman** (Peds DSc) - Linking Family and Community Ecology with Child Developmental Outcomes Among Nevada Early Head Start (NEHS) Enrollees.
- **Dr. Mary Massery** (Adv Neuro DSc) - Comparison of Respiratory Function While Wearing a Thoracolumbar-Sacral Orthosis (TLSO) With and Without an Abdominal Cutout.
- **Mark S. Paterno** (Ortho Sports DSc) - A Prospective, Longitudinal Analysis of Sex Differences in Knee Laxity During Growth and Development in Adolescents.
- **Dr. Mitchell J. Rauh** (Director of Research) - Bone Mineral Density in High School Female Soccer Players: Dominant Vs Non-Dominant Leg.
- **Dr. Susan D. Ryerson** (Adv Neuro DSc) - Loss of Trunk Repositioning Sense and Its Relation to Postural Control Functions in People Post-Stroke.

Clinical Specialist Board Certification or Recertification

- **Electrophysiologic** - David DuMond, Charles Gay, David Hutchinson, Thomas Ruediger, Dr. Richard Nielsen, Dr. John Palazzo
- **Geriatric** - Dr. Maria Carunungan
- **Orthopaedic** - Quinn Millington, Dr. John Rhodes, Dr. William Rolle, III, Steven Ziegler, Dr. Guillermo Cutrone, Dr. James Fitzgibbon, Dr. Marina Kesler
- **Pediatric** - Dr. Kristie Bjornson, Katherine Stemm, Dr. Jane Sweeney
- **Sports** - Benjamin Brenna, Dr. Gregory Ernst

Making a Difference at Cincinnati Children's Hospital Medical Center



Rebecca Dunham Reder,
OTD, OTR/L



Carol Koepf Burch,
PT, DPT, MEd

Drs. Rebecca Reder and Carol Burch attended and completed the transitional Doctor of Occupational Therapy and transitional Doctor of Physical Therapy programs, respectively, at RMUoHP during 2004-2005. The evidence-based practice curriculum offered in these programs at RMUoHP combined with the motivation, hard work, and leadership of Drs. Reder and Burch lead to the development and implementation of a hospital-wide training curriculum for 150 occupational and physical therapists at Cincinnati Children's Hospital Medical Center (CCHMC), awards, and future publications.

The 8-10 hours of training, which was provided to all 150 therapists, included pre- and post-course evaluations to determine outcomes. Dr. Matthew Garber, faculty in RMUoHP's the transitional DPT and transitional OTD programs, helped kick off the training, which included specific courses on Introduction to EBP, How to Form an answerable Clinical Question, Electronic Literature Search, Critical Appraisal of the Treatment Literature.

"Dr. Rebecca Reder (OT) and Dr. Carol Burch (PT) attended RMUoHP as classmates from the same institution. Both were outstanding students in the tOTD and tDPT programs, and most importantly, they assimilated EBP into the clinical routines of their Institution. Becky and Carol have been leaders in this effort, and Becky has also joined RMU as a faculty member teaching in the tOTD program. To say RMUoHP is impressed with their accomplishments is a vast understatement," said Dr. Stan Hartgraves, Vice President of Academic Affairs at RMUoHP.

Dr. Reder commented regarding this experience, "My education from RMUoHP has dramatically enriched my professional life and it has given me the knowledge and skills necessary to re-focus the clinical efforts of an entire department towards evidence-based practice and research. In my role as senior clinical director, I am uniquely aware that it is my responsibility as a leader to create a culture and an infrastructure that can sustain a large evidence-based practice initiative. To that end, we have trained all of our clinical staff and have 8 teams that are now producing evidence-based practice guidelines."

(Continued on page 3.)

2007 Commencement Ceremony Eligibility Information

The following students and graduates are eligible to participate in the August 4, 2007 commencement ceremony:

- A) Official graduates who have been granted their degrees by the Board of Trustees.
- B) TDPT, TOTD, and/or TDNP students who have completed all sessions of their program and are in good academic standing - This will be determined by the GPD based upon the cumulative GPA, and the lack of incomplete or in progress grades on the record.

- C) DSc students who have successfully defended their dissertations and receive the GPD's approval to attend commencement.

Students who register for commencement and order regalia also assume the risk of not being able to attend the ceremony if a poor or incomplete grade is posted or financial obligations have not been met.

Students and graduates interested in attending should notify the Registrar right away by calling 801-375-5125 or emailing registrar@rmuohp.edu.

Resource Center Updates Marilyn Schwartz, MLS

There is often confusion regarding the sources and expense of information. Many students do not know that the university and hospital libraries from which journal articles are retrieved actually pay much higher prices for journal subscriptions than paid by individuals. Besides the extensive fees organizations pay for literature, the cost of interlibrary loans also includes the labor and time of physically searching for and pulling the journals off shelves or retrieving them from a database. When considering the subscription costs, labor, and time, the average \$9-15 rate per interlibrary loan article is quite reasonable.

The National Library of Medicine (NLM) receives millions of tax dollars to create the MEDLINE database in PubMed, which is made available free to all taxpayers. However, not even the NLM can afford to provide free full text journals for which they pay millions of dollars. Some journals from NLM's PubMedCentral are made available for free because NLM has negotiated with scientists and scientific publishers to do so on the public's behalf. The NLM has paid millions to a contractor to digitize articles (i.e., copying articles to digital format), but it will be a long time

before all articles are available – and even then, access will not be free of charge.

Funding for library services in medical libraries does not cover the cost of copies obtained on interlibrary loan. The local hospital or institution with which you affiliate, however, might be able to provide consumers with free services.

Regarding RMUoHP's electronic library, fees, and billing.

RMUoHP budgets a large sum of money to purchase full text online journals that are available electronically. Unfortunately, not all journals are published online. The electronic library fee defrays the cost of databases and some full text journals, but does not cover costs for journal articles requested on interlibrary loan.

RMUoHP often does not immediately receive the interlibrary loan bill from the external vendor, so students may receive delayed interlibrary loan bills.

We hope this information clarifies your understanding of the expense and availability of information as well as the justification for both the electronic library and interlibrary loan fees at RMUoHP.

"I slept and dreamt that life was joy. I awoke and saw that life was service. I acted and behold, service was joy." - Rabindranath Tagore

Dr. Reder continued, " We have a lot of work to do, so developing an infrastructure that could sustain EBP into the future was essential. In addition, as we began to look for the evidence, we found that high quality evidence was just not always available. Realizing that we have a responsibility to our profession and the children we serve, we have decided that we must begin to contribute to the body of knowledge. Our new goal is to develop a research center here at Cincinnati Children's Hospital that will be devoted to high quality research in the area of pediatric occupational therapy and physical therapy. We are currently putting together a strategic plan and hope to have our research center become a reality in the next 12 months. None of this would have been possible without the education, support and encouragement that I have received from RMUoHP."

Under the direction of Dr. Reder, the CCHMC Division of OT / PT has grown to be one of the largest and most respected in the country. Dr. Reder provides vision and leadership for a division with services in 11 locations and a staff of over 160. She also provides lectures on a national and international level. She is currently working on research investigating the effect of intensive suit therapy on functional skills in children with spastic diplegia. Dr. Reder was one of the main developers of rehab software that won the 1995 International Beacon Award through IBM/Lotus. Besides her OTD from RMUoHP, Dr. Reder received her bachelor's degree in occupational therapy from Ohio State University.

Dr. Burch is the Coordinator of Evidence-based Practice, Research and Performance Improvement for the Division of Occupational Therapy & Physical Therapy at CCHMC. She provides leadership for the design, implementation, and coordination of continuous quality improvement and evidence-based practice initiatives for the division. Dr. Burch also assists with design and implementation of the Clinical Competency Program for all staff therapists. Besides her DPT from RMUoHP, Dr. Burch received a bachelor's degree in sociology from Vanderbilt University, a second bachelor's in physical therapy from the University of Tennessee, and a master's degree in education (special education) from Memphis State University.

For additional information on CCHMC's Division of Occupational Therapy and Physical Therapy, visit their website at: www.cincinnatichildrens.org/svc/alpha/o/otpt/.

This Alumni or Student Spotlight is a regular feature on the unique accomplishments of outstanding alumni or students as identified specifically by the faculty of RMUoHP.

RMUoHP Co-hosts 2nd Annual Evidence-Based Clinical Decision-Making Conference

In conjunction with the University of South Florida, RMUoHP hosted the second annual Evidence-Based Decision-Making Conference in Park City, Utah on March 2-3, 2007. Over 50 participants from across the United States and Slovenia representing nursing, physical therapy, occupational therapy, and pharmacy attended.

One of the many highlights of the conference was the address by Dr. Imogene King, renowned educator and nursing theorist. Dr. King is the recipient of many awards and recognitions, most

notably the National League of Nursing's Hall of Fame award and the American Academy of Nursing's Living Legend award. Her timely discussion regarding the fit of her Theory of Goal Attainment with evidence-based practice kicked-off the two-day program. "The ability to bring accomplished speakers and guests together in discussions about evidence-based practice moved us one step closer to improved practice at the point-of-care," said Dr. Sandy Pennington, Academic Dean at RMUoHP, "We look forward to the 2008 conference."

Spotlights

- Congratulations to **Vickie Meade** (Peds DSc), **Robbin Hickman** (Peds DSc), **Sherry Arndt** (Peds DSc), and **Edgar Torres** (Ortho DSc) who successfully defended their dissertations!
- Good luck to **Katrin Ramsey** (Ortho DSc) and **Azza Sadek** (Clinical Electro DSc) who will shortly defend their dissertations!
- Congratulations to **Dr. Elaine Armantrout** (Clinical Electro DSc) who was featured in an article in *Today in PT!*
- **Lynne Logan** (Peds DSc) published - Ploutz-Snyder LL, Clark BC, **Logan L**, Turk M. Evaluation of spastic muscle in stroke survivors using magnetic resonance imaging and resistance to passive motion. *Arch Phys Med Rehab.* 2006;87:1636-1642.
- **Dr. Melody Plisky** (Ortho DSc), **Dr. Mitch Rauh** (Director of Research), and **Dr. Frank Underwood** (Faculty) published - **Plisky MS, Rauh MJ**, Heiders cheit B, **Underwood FB**, Tank RT. An epidemiological investigation of medial tibial stress syndrome among high school cross country runners, *J Orthop Sports Phys Ther* 2007;37(2):40-47.
- **Tirsa Quartullo** (DNP) welcomed baby Gianna to her family on February 24.
- **Corky Atkins** (MS) was highlighted in *PT Magazine*.
- **Jennifer Nesselth** (MS) began a new career at Portage Health, including an outreach to Finlandia University as athletic trainer.
- **Cindy Miles** (Peds DSc) is the new treasurer-elect and **Dr. Jane Sweeney** (Graduate Program Director – Peds Programs) is the new Vice President for the Section on Pediatrics, American Physical Therapy Association.
- **Dr. Todd Ellenbecker** (Faculty) received the Sports Physical Therapy Section (APTA) Peyton Annual Award, which recognized his profound contributions to the Section.
- **Tina Stoeckmann** (Neuro DSc) and Dr. Robert Scheidt had a paper accepted for publication in the *Journal of Neurophysiology* entitled "Reach adaptation and final position control amid environmental uncertainty following stroke"
- **Trish Ratliff** (Health Promotion and Wellness DSc) welcomed baby Patrick on February 4th!
- **Dr. Tom Eggleton** (DPT) was named to serve a two year term on the Board of Governance, USC Division of Biokinesiology and Physical Therapy
- **Karyn Staples** (Ortho Sports DSc) welcomed baby Shae on December 3, 2006.
- **Dr. David Pearson** (Faculty) was honored by the National Strength and Conditioning Association (NSCA) and by the University of California, Los Angeles. Pearson was named one of the first recipients of the NSCA Fellow distinction. In addition to the NSCA distinction, Pearson also received the first Merit of Excellence Award from the speed-strength and conditioning department at UCLA. The award recognizes an individual who has inspired and educated others.

Have news to share? Email Jessica Egbert at jegbert@rmuohp.edu!