

The University of Miami

School of Education & Human Development

The Educator



Volume III/No. 1
Summer 2014

Notes from the Dean...

Dear Colleagues,

I hope you all had a great semester. A highlight of this semester for me was the fact that several of our colleagues got promoted. Soyeon Ahn, Lydia Buki, Scot Evans, Debbiesiu Lee, and Ji Shen were awarded tenure, and Batya Elbaum was promoted to full professor. Mary Beth Calhoun, a new Associate Professor in Teaching and Learning, was also awarded tenure. Congratulations to all of them! We appreciate their many contributions to their disciplines, the school, the university, and the community at large. Another change for the new semester is in Educational and Psychological Studies. Guerda Nicolas is taking a well-deserved sabbatical to continue her research. Laura Kohn-Wood will be the new chair of the department. I want to thank Guerda for her service and welcome Laura to her new responsibilities.

I want to take this opportunity to thank all our faculty members who served on faculty senate and school council. School council worked diligently to craft a set of bylaws that were ratified at our last faculty meeting. I expect this to be a live document, evolving and getting better as we implement its various components.

This semester we also made considerable progress discussing the merits of online education at the University of Miami. The Provost visited our faculty meeting to discuss the university's online strategy, and our faculty provided him with very valuable input. Our faculty members raised concerns about cultural competencies as the University ventures into other countries. On the domestic front, the university is currently negotiating an agreement with Laureate International Universities to collaborate on offering online master's programs within the United States.

Within our school, the master's program in Sport Administration is making steady progress to bring their program online for working professionals. Colleagues in Sport Administration held several meetings with Laureate and are getting ready to work on the first few courses over the summer.

Looking to next year, I want to bring to your attention some changes that will take place in the Dean's Office. Shawn Post will return to Teaching and Learning, and Gina Astorini will become our new Assistant Dean for Undergraduate Studies. We welcome Gina to this new position and thank Shawn for her many years of exceptional service to our undergraduate student body. Shawn will be doing more teaching next year, but will stay involved helping all of us transition to the new structure of her office. When you see Shawn, please thank her for her many contributions in enhancing the quality of our education for the undergraduate students. Thank you Shawn!

Some of the other jobs that Shawn did for the school will be picked up by other Associate Deans. Marilyn Neff will be in charge of staff, and Etiony Aldarondo will be in charge of space allocation. I appreciate their stepping up to cover these important functions in the school. Gina Astorini, in turn, will take over as Assistant Dean while still directing undergraduate advising. Many thanks go also to Gina, as well, for picking up several new jobs.

Marissa Stevenson, also in the undergraduate office, will stay at home with her baby next year. Marissa did a great job in a variety of roles in the school, and we wish her all the best looking after their precious infant. Adam Clarke, from my office, will assume Marissa's role helping Gina and Bethany with undergraduate advising.

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Upcoming Events

- June 16 - 20, 2014 - Holocaust Institute - Storer Auditorium
- June 16 - 27, 2014 - Glazer Lorton Writing Institute - TERRA Environmental Research Institute
- June 16—July 25, 2014 - Breakthrough Miami College Ready
- August 22, 2014 - Faculty and Staff meeting - Alumni Center @ 12:30PM

UM Future Educators Association Honor Society hosts Sunset Elementary School FEA

On Monday, March 17th, the UM Future Educators Association Honor Society (FEA) hosted 4th and 5th grade students from the Sunset Elementary School FEA club for a campus visit. During the visit, the Sunset FEA students had the opportunity to participate in a book reading activity where UM FEA students explained some of the things that teachers do when they are reading a book to children. They discussed and modeled several strategies including Visual Thinking Strategies, and explained how to select vocabulary words for instruction based on the storybook. The children from Sunset also went on a campus tour, led by UM FEA members and UM student teachers who are completing their internships at Sunset Elementary this semester. Everyone enjoyed a lunch of pizza and cookies in the University Center, and the children created and decorated picture frames to take home to display a photo of everyone by the giant U adjacent to the Foote Green. Special thanks to FEA Vice President Jen Hollander and FEA Events Coordinator Shellie Lewis for all of their hard work over UM Spring Break that went into making this event a big success!



Breakthrough Miami by Vicki Burns

College Bound Summer Institute is filled with advising, academic classes, and electives. College Bound classes prepare scholars for success as they enter into high school and prepare for college. During the summer, students will choose a college major; take required literature, math, history, and exploratory elective courses. In addition students will participate in SAT Prep and college readiness workshops. This summer, College Bound will host 150 rising 9th grade scholars. College Bound's mission is to inspire and challenge our high school students into aspiring college graduates. This summer promises to engage students mentally and emotionally, while also preparing them for a successful future. We look forward to a great summer full of achievements, hard work, and fun at College Bound! Say "hello" to the College Bound students who will be our guests on the UM campus.



SEHD Representatives...

School Council:

KIN: Bobby Robertson* (1st of 3 years; term ends spring 2016)
Windy Dees (2nd of 3 years; term ends spring 2015)

TAL: Ann Bessell* (2nd of 3 years; term ends spring 2015)
Mary Beth Calhoon (elected to serve through spring 2017, replacing Joshua Diem)

EPS: Debbiesiu Lee* (1st of 3 years, spring 2016)
Cengiz Zopluoglu (elected to serve through spring 2017, replacing Soyeon Ahn)

Staff: Cathy Ferguson (1st of 2 years, term ends spring 2015)
Donner Valle (1st of 2 years, term ends spring 2015)

Dean's Office: Isaac Prilleltensky and Walter Secada

*indicates member of the leadership group for the School Council

Faculty Senate:

- Shawn Post (elected to serve through spring 2017)
- Blaine Fowers (elected to serve through spring 2015)
- Kysha Harriell (confirmed as an alternate through spring 2016)

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Gloria Pelaez and Donner Valle, along with Miriam Lipsky, will take over field placement for Teaching and Learning, another function that used to be performed by Shawn's office. I sincerely appreciate everyone's contributions to the smooth functioning of our undergraduate operations.

With regards to graduate students, the school will raise the stipend for doctoral students, following through on our commitment to recruit and support the best doctoral students. At the master's level, we look forward to welcoming robust cohorts in all the departments. The work of our program directors in recruiting students for our master's programs is vital to our educational mission and our financial standing.

To make sure we can fund all our teaching and research needs, we rely not just on tuition, but also on fundraising. I'm pleased to report that the school has raised for the Momentum II campaign over \$19 million. We were asked to raise \$13.4 million. When we reached that number early on in the campaign, we were asked to raise \$14.5 million. I'm pleased to report that we are well on our way to raising \$20 million before the campaign is over. These funds go to support facilities, scholarships, research, doctoral students, professional development, and teaching. Thanks go to Marsha Talianoff. She and our new manager of donor relations, Christie Wolfe, are already planning to continue that amazing fundraising effort next year. Stephanie Bivins, who assisted Marsha in a transition phase of her office, will remain part time with Marsha's office and part time in the Office of the Dean.

Let me wish you all a rejuvenating summer.

Isaac

UNDERGRADUATE STUDENTS PURSUE

HONORS THESES IN THE

DEPARTMENT OF KINESIOLOGY by Joe Signorile

Although fastidiously attending and maintaining a high GPA are admirable goals for our undergraduate students, even when achieved, they do not always provide the clinical and research skills needed to succeed in the job market or for graduate school. Three undergraduate Exercise Physiology students have taken the initiative and broadened their educational experiences as part of the University's prestigious Research Honors Program. The Research Honors Program requires an initial nomination letter of recommendation and maintenance of a 3.5 GPA for its two year duration. Two of these students, Rachel Blechman and Federico Giorgio De Faveri have as their thesis advisor Dr. Joseph Signorile and have their research located at the Laboratory of Neuromuscular Research and Active Aging and Sports Medicine and Motion Analysis Laboratory at the Max Orlovitz Laboratory Complex. The third student, Carla Pryor is working under Dr. Arlette Perry in a collaborative effort with the Miami Project to Cure Paralysis.

Rachel Blechman, an upcoming senior from Evanston, Illinois, is pursuing a major in Exercise Physiology and minors in Sports Medicine and Jewish Studies. She is also president of the University of Miami TriCanes Triathlon team. While running cross country in high school, Rachel was tremendously influenced by her coach, who held a masters degree in exercise physiology. The advice the cross country coach provided kept Rachel and her teammates injury free and improved their running performances throughout their high school career. This inspired Rachel's interest in Exercise Physiology. She is currently working with a research team including Drs. Signorile and Kuenze, Nicole Rendos, a PhD candidate in Exercise Physiology, and her classmates Amanda Vendros and Chelsea Verduin to conduct reliability measurements on the laboratory's new Biodex System 4 Isokinetic Dynamometer, examine time-synchronized electromyographic responses to different speeds of isokinetic testing, and develop algorithms which will allow interpretation of data and application of normative data between the Biodex

System 4 and Biodex System 2 Dynamometers. Isokinetic dynamometers allow testing and training of isolated joints and their surrounding musculature in both healthy populations and patients undergoing rehabilitation.

There are a limited number of controlled studies that have examined the reliability of the Biodex System 4 Dynamometer; while the reliability of the Biodex System 2 Dynamometer is well-documented. By establishing the reliability of the System 4 we will enable researchers to use the device to examine speed-specific changes in neuromuscular performance due to training or other interventions and allow clinicians to more confidently follow an individual's progress over time, whether it is over the course of a rehabilitation program, a competitive season, or clinical training intervention. Establishing corrective algorithms for data collected on the System 2 and System 4 will allow researchers and clinicians to compare current results to previous results and normative data collected over the past 3 decades. For example, the Laboratory of Neuromuscular Research and Active Aging has over 20 years of data stored on the Biodex System 2 Isokinetic Dynamometer which can be used to compare findings on the System 4 once these algorithms are developed. Finally, the time-synchronized Biodex and electromyographic data will allow us to examine muscle activation patterns and electromechanical delay of the quadriceps and hamstrings muscle, knowledge critical to establishing effective training and rehabilitation programs for athletic, non-athletic and special needs populations.

Federico Giorgio De Faveri is an international student from Monza, Italy who began his academic journey at the University of Miami as a Biology major. Federico switched majors in his sophomore year to Exercise Physiology after discovering his fascination for the mechanics of the human body and its responses to physical exercise in a basic biology class. Once enrolled in the Exercise Physiology program, he began to look for opportunities outside of the class-

room to enrich his clinical and research skills. After volunteering at the Laboratory of Neuromuscular Research and Active Aging for a semester, he enrolled in the Research Honors Program and began his research experience.

Federico is continuing the work pioneered by Dr. Signorile and Arturo Leyva, a PhD candidate in Exercise Physiology. Together with his research team including Cristiana Astorini and Elizabeth Foley, he is working on the development of field tests that measure the strength, power, and range of motion of the plantar flexors, dorsiflexors, and hip flexors. The major function of plantar flexors and dorsiflexors is to point the toes toward the ground and head, respectively. The action produced by hip flexors is raising the leg at the hip joint. While these movements may not receive much attention in fitness magazines or gyms, they are crucial components of nearly every sport and daily activity. For example, dorsiflexion strength, power, and range of motion are among the most critical components affecting independence and fall probability in older individuals, while hip flexion and plantar flexion are integral components of locomotor activities such as walking and stair-climbing. Study participants are initially tested

using our novel clinical testing protocols which incorporate timed movements assessed using inverted stadiometers (height measurement devices) and stopwatches to measure strength, power and range of motion of the three movements.



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Participants then return to the laboratory for two additional testing sessions. During the first session they are assessed for activities of daily living and functional performance, and during the second session strength, power, and range of motion are measured using our Biodex System 4 dynamometer. The development and validation of these field tests will allow health care professionals, such as physicians, physical therapists, occupational therapists, athletic trainers, and exercise physiologists to implement a quick (30 seconds vs 30 minutes) and cost-effect (\$165 versus \$42,000) diagnoses of neuromuscular function during these critical movements.

Carla Zandalee Pryor is a senior Exercise Physiology major who came to the University of Miami from Kecoughtan High School in Hampton, Virginia. Carla is an Exercise Physiology major with minors in Psychology and Chemistry. Upon graduation she will be matriculating to the University of Texas at Austin to continue her studies as a graduate student in the Department of Kinesiology and Health Education. The focus of her graduate work will be in neuromuscular physiology and spinal cord injury. For fun, Carla likes to train for and race ultramarathons.

Carla's honors project was done in collaboration with the Miami Project to Cure Paralysis where she has volunteered as a research assistant to Dr. Rachel Cowan for the past three years. While there she worked on three major protocols: the Wheelchair Stress study, for which data collection is still underway; an analysis of the exercise preferences of individuals with spinal cord injury; and the telomere project which was the basis of her Honors Thesis. Her abstract entitled, *Exploration of Telomeres as a Health and Function Biomarker in Individuals with Spinal Cord Injury*, was accepted for presentation at this year's American College of Sports Medicine Annual Meeting in Orlando Florida. The study examines telomere to single-copy gene (T/S) ratio, a measure of relative telomere length, to determine if this measure could potentially serve a similar role as a biomarker in individuals with spinal cord injury as it does in the general population. She is also in the process of completing a paper on exercise preferences of individuals with spinal cord injury for the journal *Spinal Cord*. Submission is expected later this month.



Student Achievements...

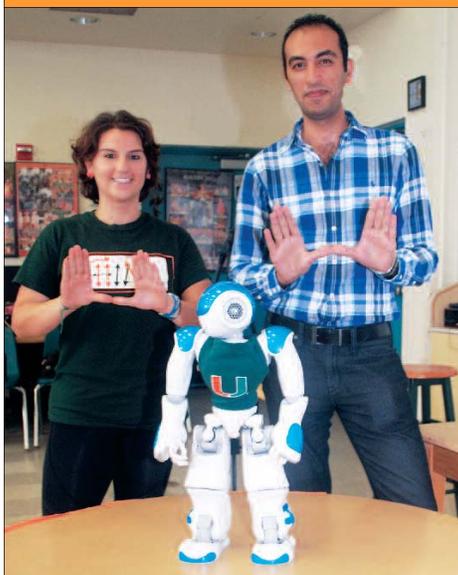
Guerdiana Thelomar, a double major in Human and Social Development and Visual Journalism, was selected as the University of Miami's 2014 Newman Civic Fellow. The Newman Civic Fellows award recognizes students across the nation who represent the next generation of public problem solvers and civic leaders. Each college or university that is a member of Campus Compact nominates one student from their ranks as their Newman Civic Fellow. More information on the Newman Civic Fellows award can be found [here](#). The selection committee was extremely impressed with Guerdiana's stellar record of leadership and academic performance and her ability to engage others in addressing the challenges of community development and youth empowerment both locally and globally. She received her award on April 22, 2014.

Darren Bernal graduated from the Counseling Psychology program this May. He received the Outstanding Teaching Assistant award from the inaugural Graduate School Awards. Over 100 nominations for 5 awards were received. In the end, multiple awards were awarded in each of the student categories which is truly representative of the quality of the nominations.

Stacey Kesten, doctoral student in the Department of Teaching and Learning, had a proposal competitively selected for an invited "Young Scholars" workshop at the Penn State Civil Rights and Education Conference scheduled for July 2014. Her presentation title is *Addressing the Overrepresentation of Historically Underserved Groups in Special Education through State Mandated RTI: Promise or Peril? An Analysis of Equity Issues in Access to High Quality Teachers as a Necessary Educational Resource and Fundamental Right in the Context of Response to Intervention*

Introducing Nao...

As you may have heard, Dr. Eltoukhy has a new friend on campus and he is a pretty cool robot. Yes, robot. Please see below just a few of the media outlets that Nao has been featured in.



Local10/abc TV coverage:

<http://www.local10.com/news/dancing-robot-helps-south-fla-kids-get-fit/25422412>

Miami Herald Newspaper article:

<http://www.miamiherald.com/2014/03/25/v-print/4018099/um-uses-dancing-robot-to-get-kids.html#storylink=cpy>

World News:

<http://article.wn.com/view/2014/03/25/>

[UM uses dancing robot to get kids excited about fitness/](#)

University of Miami & everitas:

http://www.miami.edu/index.php/news/releases/robot_moves/

everitas.univmiami.net/2014/03/27/doing-the-robot-robotic-instructor-helps-elementary-school-students-get-fit/#more-56896

<http://www.education.miami.edu/Perspective/14-05/Perspective.html>

Active Grants...

PI	Title	Start Date
Aldarondo, Etiony	RESOURCE CENTER ON DOMESTIC VIOLENCE: CHILD PROTECTION AND CUSTODY	9/2013 - 9/2014
Aldarondo, Etiony	KRISTI HOUSE: GA POSITION	8/2013-8/2014
Aldarondo, Etiony	IMMIGRANT CHILDREN'S LEGAL AND SERVICE PARTNERSHIP	8/2013-7/2014
Bessell, Ann	IMPROVING OUTCOMES FOR ADULTS IN YOUNG CHILDREN'S SCIENCE EXHIBITIONS-EVALUATION	1/2013 - 7/2014
Bessell, Ann	CEC/PASS STATEWIDE EVALUATION	6/2004-5/2016
Bessell, Ann	MOU - STRONG WOMEN, STRONG GIRLS EVALUATION	11/2013--7/2014
Elbaum, Batya	ESE PARENT SURVEY PROJECT	8/2013-8/2014
Elbaum, Batya	MEASURING OUTCOMES FOR PRESCHOOL CHILDREN WITH DISABILITIES	7/2013-6/2014
Elbaum, Batya	MEASURING OUTCOMES FOR PRESCHOOL CHILDREN WITH DISABILITIES	7/2013-6/2014
Harry, Elizabeth	SPECIAL EDUCATION LEADERS FOR A DIVERSE SOCIETY (SELDS)	5/2009-5/2014
Harry, Elizabeth	FAMILY - CENTER SPECIAL EDUCATORS FOR EARLY CHILDHOOD FAMSEEC	10/2011-12/2014
Harry, Elizabeth	INCLUSIVE COLLABORATIVE LEADERS UNITED FOR DIVERSITY IN EDUCATION (INCLUDE)	10/2010-9/2014
Krawec, Jennifer	IES - SOLVE IT!	3/2011-2/2015
Langer-Osuna, Jennifer	THE AUTHORITY OF IDEA: HOW LINGUISTICALLY HETEROGENOUS STUDENTS BECOME INFLUENTIAL IN MATH	9/2012-7/2014
Lee-Salwen, Okhee	PROMOTING SCIENCE AMONG ENGLISH LANGUAGE LEARNERS (P-SELL) EFFICACY	7/2009-6/2014
Neff, Marilyn	LEONARD TURKEL NONPROFIT NETWORK	7/2013 -5/2014
Neff, Marilyn	LEONARD TURKEL NONPROFIT NETWORK	6/2013-5/2014
Nicolas, MarieGuerda	HAITI'S LEGACY PROJECT: AN EDUCATION PROGRAM FOCUSING OH HAITIAN HISTORY AND ITS GLOBAL IMPACT	6/2013-5/2014
Nicolas, MarieGuerda	UM/BREAKING THROUGH MIAMI PARTNERSHIP	5/2013-5/2016
Perez Benitez, Carlos	COGNITIVE BEHAVIOR THERAPY FOR PTSD AND MEDICAL UNEXPLAINED PHYSICAL SYMPTOMS	1/2013-12/2014
Secada, Walter	REPLICATING THE CGI EXPERIMENT IN DIVERSE ENVIRONMENTS	9/2012-8/2014
Signorile, Joseph	LEAP	1/2014-8/2014

Pending Grants...

PI	Title	Dates
Aldarondo, Etiony	PRESCHOOL CHILDREN EXPOSED TO VIOLENCE (CEV) IN THEIR COMMUN	1/2015-12/2017
Avalos, Mary	EXPLORING GAMIFICATION OF MODE AND CONTENT DELIVERY TO INCRE	7/2014-6/2016
Barth-Cohen, Lauren	REPRESENT: REPRESENTING ENERGY PROCESSES: RESEARCH ON ENERGY	9/2014-8/2018
Bessell, Ann	HEALTH AND HUMAN SERVICE MOBILIZATION FOR HEALTH	7/2014-6/2017
Dees, Windy	DEVELOPING STUDENT LEADERS IN MIAMI	6/2014-5/2017
Elbaum, Batya	THE COMPARTIVE EFFECTIVENESS OF PROVIDER- AND PARENT IMPLEME	10/2014-9/2017
Evans, Scotney	LEONARD TURKEL NONPROFIT NETWORK SUPPORT	7/2014-6/2015
Harry, Elizabeth	FAMSEEC II	1/2015-12/2019
Nicolas, MarieGuerda	WOMEN FUNDS SUMMIT	6/2014-5/2015
Nicolas, MarieGuerda	AAUW WOMENS SUMMIT	6/2014-5/2015
Nicolas, MarieGuerda	LATIN AND CARIBBEAN RESEARCH INSTITUTE: CULTURALIZED HEALTH	9/2014-8/2018
Perez Benitez, Carlos	A BRIEF INTERVENTION FOR TREATMENT ENGAGEMENT FOR INDIVIDUAL	1/2014-12/2015
Perez Benitez, Carlos	A BRIEF INTERVENTION FOR TREATMENT ENGAGEMENT FOR INDIVIDUAL	9/2014-8/2016
Prilleltensky, Isaac	WELLNESS IN YOUR HANDS: PREVENTING SUBSTANCE USE AND RISKY S	1/2014-12/2016
Shen, JI	ASSESSING MODELING PRACTICES THROUGH COMPREHENSIVE MODELER P	9/2014-8/2017
Shen, JI	DIGESTING STEM THROUGH FOOD MYTH-BUSTING (PROJECT FOODMYTH)	9/2014-8/2017
Shen, JI	DEVELOPING ONTOLOGIES FOR COLLABORATION IN A KNOWLEDGE-CENTER	1/2015-12/2017

BANNER RESEARCH YEAR FOR KINESIOLOGY AND SPORT SCIENCES

by Dr. Joe Signorile

In academics, hours can evolve into weeks, months and years before a researcher's work emerges from the laboratory, clinic or community to receive national or international attendance. The faculty of the Department of Kinesiology and Sport Sciences are aware of the effort involved and approach it with the optimistic determination engendered in our Department Chairperson Dr. Arlette Perry by her chairman, Dr. Thomas Miller, when he shared with her a simple concept "Just do your work, and it will all come together." This academic year has been a time when it "all came together" for the Department.

Thanks to the tireless work and collaborations by our faculty and the efforts of our graduate students and undergraduates, Kinesiology and Sport Sciences has had what continues to be a banner year. At this time, the department has 16 published articles in refereed journals, an additional 11 refereed articles in press, 3 books, 16 published abstracts, and 46 national and international presentations.

The titles of the articles from our faculty and students, as well as the journals, in which they have been published, reflect the diversity of the Department, and the timeliness of the research. Examples of the recent publications include:

Kuenze CM, Hertel J, Weltman A, Diduch DR, Saliba S, Hart JM. Jogging biomechanics after exercise in individuals with ACL reconstructed knees. *Medicine Science Sports Exercise*; Vance DD, Chen GL, Stoutenberg M, Myerburg RJ, Jacobs K, Nathanson L, Perry A, Seo D, Goldschmidt-Clermont PJ, Rampersaud E. Cardiac performance, biomarkers and gene expression studies in previously sedentary men participating in half marathon training. *BMC Sports Science, Medicine, and Rehabilitation*;

Dees W, Whisenant WA, Pitts B. Academic to consultant: A pilot study of sport marketing research. *Global Sport Business Journal*;

Reid B, Whisenant WA, Martin TG, Dees W. APR and March Madness. *International Journal of Education and Research*;

Whisenant WA, Dees W, Bolling M, Martin TG. Concession sales: The ex-

amination of novelty effect and consumer mood. *International Journal of Education and Research*;

Perry A, Wang X, Goldberg R, Ross R, and Jackson L. Androgenic sex steroids contribute to metabolic risk beyond intra-abdominal fat in overweight/obese black and white women. *Obesity*;

Travascio F, Eltoukhy M, Cami S, Asfour S. Altered mechano-chemical environment in hip articular cartilage: effect of obesity. *Biomechanics and Modeling in Mechanobiology*.

Ni M, Mooney K, Richards L, Balachandran A, Harriell K, Sun M, Potiaumpai M, Signorile JF. The comparative impacts of Tai Chi, balance training and a specially-designed yoga program on balance in older fallers. *Archives of Physical Medicine and Rehabilitation*;

Serravite, D.H., Perry, A., Jacobs, K.A., Adams, J.A., Harriell, K., Signorile, J.F. Whole body periodic acceleration affects exercise-induced muscle damage after eccentric exercise. *International Journal of Sports Physiology and Performance*;

Tapp LR, Signorile JF. Efficacy of WBV as a modality for inducing changes in body composition, aerobic fitness, and muscular strength: a pilot study. *Clinical Interventions in Aging*.

Examples of the presentations by KIN faculty and students also reflect the diversity within the department and its effect on the academic community both nationally and internationally. They include 15 presented at the American College of Sports Medicine's 61st Annual Meeting and 5th World Congress on Exercise Medicine for example:

Jacobs KA, Raeburn JM, Meneghini LF, Myers ND, Perry AC, Coblenz P, White J, Myers C. "Maximal sprint does not alter exercise hemodynamics or fuel use in individuals with Type-1 diabetes";

Siegel J, Signorile JF, Eltoukhy M, Ahn S, "Analyzing muscle utilization patterns to maintain balance during dynamic balance testing";

Kuenze CM, Hertel J, Weltman A, Diduch DR, Saliba SA, Hart JM. "Neuromuscular asymmetry following return to activity in individuals with a history of ACL reconstruction";

Potiaumpai M, Balachandran AT, Krawczyk SN, Gandia K, Signorile JF. "Optimal loads for power vary by pneumatic exercise movement";

Rendos NK, Harriell K, Dowen KL, Balachandran AT, Jun HP, Signorile JF. "Comparison of laboratory and field balance tests in healthy adults";

Balachandran AT, Krawczyk SN, Potiaumpai M, Siegel J, Gandia K, Adeyemo A, De Faveri F, Dalal S, Pacheco, M Signorile JF. "A novel approach for power training based on early power plateaus"; and,

Krawczyk SN, Balachandran AT, Potiaumpai M, Siegel J, Gandia K, Adeyemo A, Signorile JF. "Time course changes in Power output between upper and lower body exercises after seven weeks of high-velocity training".

Additional conferences at which presentations were made include: National Athletic Trainer's Association Annual Meeting; American Academy of Orthopedic Surgeons Annual Meeting; Reconstruction Art and Science of Sports Medicine Symposium; Fourth International Conference on Health, Wellness and Society; 7th World Congress of Biomechanics IEEE Aerospace Conference, Session: 12.02 Flight/Ground Systems, Mission Planning and Operations; Orthopedic Trauma Association (OTA) Annual Meeting; Annual Meeting of the American Society of Biomechanics; Annual Meeting of the Obesity Society; Annual Meeting of the American Society of Biomechanics; E-Merge Conference of the Americas; Global Sport Business Association Annual Conference; Sport and Society Conference.

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Of special interest from our faculty in Sports Administration are the following presentations:

Dees W, Kasser J, Kyung T. (February 8, 2014). "Evaluating importance of and satisfaction with the event experience of consumers of an FBS football program", Global Sport Business Association Annual Conference;

Dees W, Whisenant WA, Martin T, Resnick P. "Concession sales: The examination of novelty effect and consumer mood", The Sport Marketing Association Annual Conference;

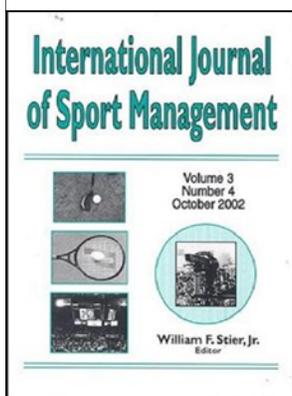
Jessop, A. "No cheering matter: The legality and ethics of NFL cheerleaders' salaries", Sport and Society Conference;

King V, Divver J, Whisenant W. "The impact of concussions on high school football", Global Sport Business Association Conference;

Mullane S. "Creating a ranking system in sport administration programs". Global Sport Business Association Conference;

Whisenant, W, Iverson, C, Wakefield A, Girardi K. "The status of women in high school athletics: 40yrs after the passage of Title IX", Global Sport Business Association Conference.

In addition to the Department of Kinesiology and Sport Sciences' academic achievements thus far in the academic year we are especially proud of the inclusion of both graduate and undergraduate students as authors and presenters of our research. We consider our students an integral part of the work we do, and understand the importance of research in their intellectual and professional development.



Managing Community Organizations by Dr. Marilyn Neff

On the last day of EPS 609, this summer, the Community and Social Change students in Marilyn Neff's class invited their professors and supporters to a lunchtime presentation about their experiences in the Master's program. For many students, this was their last class before graduation. They unveiled a tree they had constructed as a metaphor for the program. It depicted their individual values, their experiences in the program, the group vision, and their individual mission statements to describe what they will do in the future. If you look closely, you'll see a bird's nest on a lower left branch. This is Ibis J., otherwise known as "I Believe In Social Justice."



PUBLICATIONS...

Travascio,F., **Eltoukhy,M.**, Cami,S., Asfour,S. 2013, "Altered Mechano-Chemical Environment Hip Articular Cartilage: Effect of Obesity", *Biomechanics and Modeling in Mechanobiology*, 1-15.

Grant,J., **Eltoukhy,M.**, Asfour,S., 2014, "Short-Term Electrical Peak Demand Forecasting in a Large Government Building Using a Developed Real-Time Energy Monitoring System and Artificial Neural Network", *Energies*, 7(4), 1935-1953.

M. Eltoukhy, M. Ziff, S. Elmasry, F. Travascio, S. Asfour; "A Novel Approach for Predicting In-Vivo Lumbar Spine Loads and Kinematics Based on Motion Analysis", 7th World Congress of Biomechanics, July 6-11, 2014, Boston, Massachusetts, USA.

Stambolian,D.,**Eltoukhy,M.**, Asfour,S. "Human Limitations for Careful and Accurate Placement of Avionics Boxes", IEEE Aerospace Conference, Session: 12.02 Flight/Ground Systems, Mission Planning and Operations, March 1 - 8, 2014, Yellowstone Conference Center, Big Sky, Montana, USA.

Stambolian,D.,**Eltoukhy,M.**, Asfour,S. "Using Vicon Bodybuilder and Plug-In-Gait to Generate L5/S1 Angles, Forces and Moments", IEEE Aerospace Conference, Session: 12.02 Flight/Ground Systems, Mission Planning and Operations, March 1 - 8, 2014, Yellowstone Conference Center, Big Sky, Montana, USA.

Siegel,J., **Signorlie,J., Eltoukhy,M, Ahn,S**, "Analyzing Muscle Utilization Patterns to Maintain Balance during Dynamic Balance Testing", ACSM's 61st Annual Meeting and 5th World Congress on Exercise is Medicine®, May 27 - 31, 2014, Orlando, Florida,

Asfour,S., Cami,S., **Eltoukhy,M.**, and Latta,L., "Altered Gait Biomechanics: Effect of Obesity", Orthopaedic Trauma Association (OTA) Annual Meeting, October 15-18, 2014, Tampa, Florida

Meyers,C.,**Eltoukhy,M., Signorile,J.**, "A Novel Method to Model a Cyclist in Situ", 37th Annual Meeting of the American Society of Biomechanics, September 4-7, 2013, Omaha, Nebraska

Perry, A.,Wang,X., Goldberg,R., Ross,R., Jackson,L. (2013) Androgenic sex steroids contribute to metabolic risk beyond intra-abdominal fat in overweight/obese black and white women. *Obesity* (Silver Spring).

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Student Teachers...



Lauren Foley with a few of her 2nd grade Sunset Elementary students



Michael Whitney with a few of his Kindergarten student from Bel Aire Elementary