



American Society of Biomechanics Newsletter

Vol. 21 December 2008 No. 2

www.asbweb.org

From the President

Irene Davis

“What is a biomechanist”? Have you ever had this response when discussing your profession with another passenger while flying to a recent ASB meeting? While it has improved, our profession still has a bit of an identity complex. Since the NACOB meeting, the Executive Board has been busy developing initiatives to improve the visibility of biomechanics in both the public and scientific arenas. To improve our visibility in the public arena, our Communications Chair, Andy Karduna, has assembled a committee to develop a repository for biomechanics videos from our membership. These might include instructional videos, webinars, or copies of media productions that have highlighted ASB members’ research. In another effort, the Education Chair Nick Stergiou and President-Elect Tom Buchanan are exploring the possibility of submitting an Education Grant to NSF aimed at integrating biomechanics modules into the K-12 classroom. The grant would require the participation of ASB members to develop the modules. These efforts will help to increase the public awareness of our profession. Please contact Nick Stergiou (nstergiou@mail.unomaha.edu) or Tom Buchanan (buchanan@udel.edu) if you are interested in participating.

Within the scientific community, an excellent way to increase the visibility of biomechanics is to serve on study sections and review panels. This is an important service that we can provide, as well as a tremendous way to gain greater insight into the review process. I have been in contact with NIH regarding ways of increasing our visibility on these panels. We are now recognized by the Center for Scientific Review (CSR) as one of the societies that recommends potential reviewers to serve as study section members.

The CSR is seeking volunteers that meet the following criteria:

- experienced senior scientists

- received major peer-reviewed research support from NIH or an equivalent agency
- understand the grant review process
- willing to serve as study section members

If you are interested in being added to the CSR registry of potential reviewers, please contact me at mcclay@udel.edu.

On another front, Steven Stanhope and I are in the planning stage of organizing an NIH consensus-like meeting entitled “*Biomechanics in Movement Science: Building Trans-domain Bridges to Translational Research*”. It will have a format similar to the NIH sponsored meeting on Gait Analysis held in Arlington, Virginia in the fall of 1996. This last meeting yielded 37 recommendations that were prioritized by the participants and submitted to NIH, and indirectly resulted in millions of NIH dollars in funding. With the proposed meeting, we intend to focus on building bridges between our individual domains within biomechanics in order to approach movement science problems from a multi-discipline approach. In addition, we will strive to develop recommendations that translate research into clinical and community environments. The meeting is planned for the late spring of 2010. The National Center for Medical Rehabilitation Research (NCMRR) is interested in helping to sponsor this meeting and we will be working with them as we go forward. More information will follow as we progress in our planning.

Finally, we are moving ahead with our Strategic Plan that was adopted by the membership. We have identified the areas that need addressing including increasing diversity, adopting a code of ethical conduct and development of standards of best practices. We are also considering the establishment of fellowship status within our organization. We will keep you informed of our progress in these areas as we go forward.

I close at the very moment that history is being made, as we have elected a new president. One thing we can be sure of: Change is on the horizon!



ASB NEWSLETTER volume 21, number 2

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ASB Involvement

If you are interested in becoming more active in the Society (e.g., serving on a committee or chairing a conference session), contact Max Kurz (mkurz@unmc.edu), Membership Committee Chair, with your name, address, phone/fax number, email address, and your desired involvement. This information will be included in a database which is periodically updated and distributed to the Executive Board.

Newsletter Advertising

The Editorial Board invites various businesses and corporations that have products or services of interest to members of the Society to advertise in the ASB Newsletter. Advertising space may also be purchased for job postings or other special announcements.

The current advertising rates are as follows:

1/4 page	\$100
1/2 page	\$200
full page	\$400
back page	\$600

If you are interested in learning more about advertising in the ASB newsletter, please e-mail William Ledoux at:

wrledoux@u.washington.edu

Back Copies of Newsletter:

All previous ASB newsletters have been converted into pdf documents and are archived on the ASB website:

<http://www.asbweb.org/newsletters/newsletters.html>



"One kind word can warm three winter months."

-Japanese proverb

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Student's Corner

Becky Fellin

The recent NACOB meeting at the University of Michigan was a huge success and included many activities for students. A total of 168 student members attended this meeting. At the ASB business meeting, the student voting results were announced, and I had the privilege to be elected the student representative to the ASB Executive Board. I look forward to serving my fellow students of ASB for the next two years and hope to maintain the high quality of student activities at ASB meetings.

This year at NACOB the Women in Science luncheon, where four women graciously volunteered to speak about their experiences in biomechanics, was a sensation with over 100 ASB and CSB women in attendance. ASB students were able to join in the annual CSB student 'mentoring' session, which was a hit with over 65 students attending. There were 13 mentors to answer questions about specific topics including CVs, job negotiation and developing a research program. Additionally, 23 students participated in the ASB student mentoring program, which paired students with professionals to meet at NACOB this year.

An important upcoming date for students to keep in mind is January 15, 2009, which is the ASB Graduate Student Grant-In Aid application deadline. This program offers research funding for small equipment items, materials and supplies, and animal or subject costs. The money cannot be used for salaries or travel. To be eligible for the award you must be a student member of ASB or have an application pending by January 1, 2009. The executive board anticipates awarding 3-5 grants ranging from \$500 to \$2,000. More details are available in the student

section of the ASB website or in the Education Committee Report on page 7 of this newsletter.

Abstract submission for next year's annual ASB meeting will be open from March 1 to April 3, 2009. The meeting will be held at Penn State's University Park campus from August 26-29, 2009. The increase in students attending meetings over the past few years is impressive, especially that there now more than 200 student members! I suggest beginning to devise ideas for abstracts in order to continue the strong showing of students from past meetings.

Spring will be here sooner than we expect, and with spring come ASB regional meetings. The ASB website will have information about dates and locations for regional meetings as they are available. This year four successful regional meetings were held at Boise State University, California Lutheran University, the University of Texas of the Permian Basin, and the University of Alabama at Birmingham. I suggest attending a regional meeting when one is in your area since they provide the opportunity to present your research in a less formal setting than the national meeting.

The initiative to compile a list of graduate programs in biomechanics and their websites resulted in a large response from students. The list will help prospective students interested in biomechanics to identify programs matched to their interests. The responses received so far are posted on the ASB website. If you know of any programs that are not on the list please email me and I will add them.

Good luck in the next year with classes and research! If you have suggestions for meeting activities, would like the informal roundtable mentoring session to continue next year, or have any other comments or questions please email me (fellin@udel.edu).



The Annual Meeting for the American Society of Biomechanics



The Pennsylvania State University

August 26-29, 2009

www.conferences.psu.edu/ASB2009

Meeting Chairs: John Challis and Jinger Gottschall

Program Chair: Steve McCaw

an outreach program of the College of Health and Human Development



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Education Committee

Nick Stergiou

I was recently deeply saddened by the death of a very good friend and an internationally known biomechanist, Dr. Alex Stacoff. Alex was a professor at ETH in Zurich, and every time that we were both at a scientific meeting we would meet for dinner. I visited Alex few years ago at ETH and we spent a whole day together having fun and discussing science. His numerous publications and research work are the legacy he left for us. Last year he gave me a recommendation for a research award for which I had applied. Alex, I forgot to tell you that I got the award, my friend! I will miss you buddy.

Student Grants-in-Aid

The **ASB Graduate Student Grant-in-Aid Program** is the biggest item I need to discuss. The purpose of this program is to support ASB student members who are pursuing biomechanics research by offering them a small source of research funding. The grants are distributed on a competitive basis and are intended to offset the costs directly associated with conducting research. Funds may be used for small equipment items, materials and supplies, and animal or subject costs, but cannot be used to support travel costs or salaries. ASB anticipates awarding 3-5 grants, ranging from \$500 to \$2,000 for a one-year period. To be eligible, an applicant must be a student member of ASB or have a membership application received by the Membership Chair no later than January 1, 2009.

Applications must be submitted in a single file by electronic mail (Word or ASCII text only, no PDF materials are acceptable) by midnight January 15, 2009. The email must have as the subject line: **2009 ASB GIA**. The attached file should have the applicant's name as the file name (LastNameFirstNameInitialYear.doc; i.e., StergiouN09.doc).

The application must include:

- 1) the name of the applicant and the title of the project
- 2) a 150 word abstract

- 3) the significance of and need for the research
- 4) specific aims and hypotheses to be examined
- 5) a succinct overview of the methods to be employed
- 6) reference list
- 7) an itemized budget (note that ASB does not pay indirect costs for the GIA)
- 8) a curriculum vita of the applicant
- 9) a letter of recommendation from a faculty advisor or supervisor
- 10) the name and mailing address of the fiscal agent at the institution responsible for handling any grant funds provided, and the recipient title that should appear on the check.

Sections 1 to 7 of the application should not exceed seven double-spaced pages. Page margins should not be less than 2.5 cm and font size no less than 11 point (9 point for the references). Since applications are distributed electronically for review, neither letterhead graphics nor electronic signatures are required on the letter of recommendation.

The Education Committee of the American Society of Biomechanics will review applications, with funding distribution expected by June 1. The rule is that recipients must present at the annual ASB meeting in the year following receipt of a GIA. For example, those receiving funding distributed in 2009 will be expected to attend and present at ASB in 2010. Applications and inquiries should be submitted to:

Nick Stergiou, Ph.D.
Chair, ASB Education Committee
University of Nebraska at Omaha
Email: nstergiou@mail.unomaha.edu
Email subject: 2009 ASB GIA

2009 Meeting Tutorials

Regarding our 2009 annual meeting, you can still contact me to plan a tutorial or a workshop. I welcome your submission of names and topics of potential tutorials for 2009.

Lastly, if you have any issues/concerns that you would like to raise for the Education Committee, please contact me by phone or e-mail.

Secretary/Treasurer

Paul DeVita

So far, so good...again. As of December I have been the Secretary-Treasurer for 15 months and the ASB is still in business. We are, however, currently having our financial records reviewed (like an audit but less expensive) by Edwin Gray, CPA and Associates of Greenville, NC. The purpose of the review is to verify our financial status, expenditures, and records and to also identify improvements we can make in our financial records. We fully expect to remain in business after the review however, if you don't hear from me in a while....

Our membership has more or less reached its steady state value for Regular Members of 493. Our mean number of Regular Members for the past nine years is 494. OK, which one of you didn't renew? We do have 228 Student members which is a huge increase over our mean number for the past nine years of 102. In fact, our previous high was 160 Student Members in 2007. So, we are popular among America's youth. On the other hand, we do not seem to be too popular among America's DeVitas since I am the only DeVita in the Society. Perhaps that's for the best...

Our funding base has, like everyone else's, taken a hit in the past year. As of September 30, 2008 our investments totaled \$129,044 and this was a 15% reduction over the value from September 2007 of \$152,338. Please bear in mind that about one third of the \$23,000 reduction (\$7,277) occurred when I cashed two of our Certificates of Deposit and vacationed in Italy. May is such a wonderful time to travel and the weather was.... I mean, deposited the cash into our checking account which now has approximately \$19,000. Prior to this deposit the account sometimes dipped a bit too close to zero for my comfort level. So, it seems to me, financial analyst that I am not, that our investment loss of \$15,700 or ~10% for the past year is acceptable given the current market situation.

While you read this masterpiece we will be in the middle of our 2009 membership renewal push.

Regular membership dues are \$60 and student memberships remain at \$15 both of which are bargains-galore. It is of course advantageous to renew your membership prior to January 1 so that your subscriptions are not delayed, so that the ASB remains strong (strength equaling money) and so that I don't have to worry about ASB generating enough money to pay for our Spring expenses (research grants, travel awards, regional meetings, vodka martinis...shaken not stirred)

So, on genuflected knee I humbly request that each ASB member renew his or her membership prior to Jan 1, 2009. In fact, do it now, right now, this very instant. Perhaps all ASB members can rise up at this very moment, log onto the ASB website (<http://asbmem.org/>) simultaneously and in a demonstration of unity, solidarity, and incredibly blind faith, all renew at this **SINGLE MOMENT IN TIME**. In fact, I know you can. Do it. **DO IT NOW**. Lean out of your windows and yell, "I'm sick and tired and I'm not going to take it anymore." Ground Control to Major Tom. David Bowie, do you have one space outfit or do you have multiple outfits for many ch...ch...ch... Changes? Open the pod bay doors, Hal. Mom, I can't feel my legs. It's alive, it's alive! The hills are alive... with the sound of ASB renewals. Gonna see Miss Eliza, gonna go to Mississippi. I coulda been a contenda, I coulda been somebody. My God, what have I done? Call me Ishmael. Fishmeal? You're gonna need a bigger boat. I'm ready for my close up, Mr. DeMille. There's no place like home, there's no place like home. (...and in a whispering voice...) Rosebud.



Past-President Rodger Kram

I certainly enjoyed myself and learned a lot at the NACOB meeting in Ann Arbor. James Ashton-Miller, Richard Hughes, Dave Andrews and their dedicated team did a magnificent job. For those of you who could not attend NACOB, I'd like to review the award winners. Before I begin, past-past ASB President Ken Kaufman deserves our thanks for overseeing the award judging process. The numerous other scientists who evaluated the applications and presentations also deserve kudos.

I encourage you to apply for and/or nominate someone that you feel deserves an award this year. Applications for the Borelli, Hay, and Young Scientist awards should be sent to me, the ASB Past-President by March 13, 2009. More details are available at <http://www.asbweb.org/html/awards/awards.html>

In Ann Arbor, David Burr was the recipient of our highest honor, the Borelli Award, for his career accomplishments in bone biology. The polymath Vladimir Zatsiorsky received the Jim Hay award for his pioneering efforts in sports and exercise biomechanics. The post-doctoral Young Scientist award went to Sam Ward for his impressive research accomplishments to date and he presented a stimulating lecture on the function of the multifidus muscle. Meghan McGee was the pre-doctoral Young Investigator award winner for her extraordinary body of work on bone biology, mostly conducted on black bears. As a comparative biomechanist who tries to outsmart the bears in my backyard and prevent them from eating the birdfeeders, I found her presentation to be a delight.

Only at an ASB/CSB meeting can one relish the diversity of biomechanics topics exhibited by the Journal of Biomechanics award finalists. Heather Hayes amazed the crowd with her videos of an isolated rat spinal cord + hindlimbs spontaneously walking on the world's first Petri-dish treadmill, immersed in a bath of artificial cerebral spinal fluid. However, Luyun Chen's research on the

biomechanics of the anterior vaginal wall made her the winner. We can all strive to emulate how well she combined imaging and material properties data with a computer model.

The Clinical Biomechanics award competition was also keen. Woonchol Choi presented an innovative study on the effectiveness of hip protectors during falls. But, the winner was Cheryl Hubley-Kozey for her novel analysis of muscle function in osteoarthritis patients. In one of my last official acts, I had the pleasure of choosing Antonio Hernández as the winner of the President's award for his outstanding poster presentation. Ko Sasaki's poster was a close second and I didn't want to burden him with the weight of moving a plaque from Austin to his new faculty position at Boise State University.

Finally with regard to awards, the ASB Research Travel Grant has been resuscitated. In 2008, Dr. Fei Liu received the award to aid with travel to Xi'an Jiaotong University in China. This grant is intended to foster collaborative research and interaction among scientists by helping to offset the cost of travel to a host institution. Only ASB regular members (i.e., not students) are eligible to apply. Travel and lodging costs may be requested. Budget requests can be up to \$1000. The deadline for applying is March 13, 2009. Details are available at <http://www.asbweb.org/html/grants/Travel.html>.

As I write this column, Congress has approved the \$700B bailout/rescue and the Dow Jones Industrial average is clinging to 8,000 but both major presidential candidates are still promising to increase funding for scientific research. Yeah, right. Your odds of winning an ASB award are infinitely greater. But, since the snow is just starting to fall in the Colorado ski country, I leave you with this positive advice: "keep your bases flat and your edges sharp".



Communications Committee

Andy Karduna

Here is what's going on in Communications Land (located right next to Gum Drop Mountain). The on-line voting system we used for the last election (BallotBin) worked very well. We ended up with a 64% turnout for the general election and a 55% for the student election. The on-line membership system has been up and running for quite some time and the beauty of it is that after some initial work on my part, it's all in Paul DeVita's hands from here on out.

Thanks to Zong-Ming Li for setting up a fairly comprehensive list of biomechanics graduate programs, which is now linked to from the ASB homepage. We are hoping to set up another list that is primarily based around ASB members, so look for that in the future.

You all probably received an email from me concerning setting up some kind of repository for biomechanics videos on the web. Several people have volunteered to help with this project. We are currently in the very early discussion phase, so please feel free to get in touch with me if you have any suggestions or comments. For example, did you know that Ton van den Bogert cannot access YouTube at work? Must be why he is so productive.

See you at Penn State.

Southeast Biomechanics Symposium 2009

We are pleased to announce the 4th Annual Southeast Biomechanics symposium to be held April 23rd-25th, 2009 at the University of Florida in Gainesville, FL. Although, we plan to accept abstracts from all areas represented by ASB's membership, the conference theme will be: *"Neuromechanics of Movement: Bridging the Gap from the Laboratory to the Real World."* This symposium, in the spirit of ASB meetings, will encourage students in biomechanics, assist regional collaborations between research institutions, and advance the state-of-the-art in biomechanics. The program will include student presentations (podium and poster), two keynote addresses, a student/faculty dinner banquet, and round table discussions on current biomechanics research. The tentative abstract submission deadline is March 15th, 2009. More information can be found by contacting symposium co-chairs, Chris Hass, Ph.D. (cjhass@hhp.ufl.edu), Mark Tillman, Ph.D. (mtillman@hhp.ufl.edu), or Mark Bishop, Ph.D., P.T. (mbishop@phhp.ufl.edu).



Northwest Biomechanics Symposium 2009

We are pleased to announce the 5th Annual Northwest Biomechanics Symposium to be held June 5-6, 2009 at Washington State University in Pullman, WA. This symposium, in the spirit of ASB meetings, will encourage students in biomechanics, assist regional collaborations between research institutions, and advance the state-of-the-art in biomechanics research.

The program will include student presentations (both podium and poster), a keynote address by a

renowned biomechanist, a student/faculty dinner banquet, and round table discussions on current biomechanics research. These activities are expected to provide an atmosphere rich in student and faculty networking for both career and research advancement.

Abstracts from all areas of biomechanics will be considered. The tentative abstract submission deadline is April 15, 2009. More details can be found by contacting symposium co-chairs: Anita Vasavada, PhD (vasavada@wsu.edu) and David Lin, PhD (davidlin@wsu.edu). We look forward to seeing you in Pullman!



CALL FOR PAPERS

Annual Meeting of the American Society of Biomechanics
August 26 to 29, 2009

The 2009 Meeting of the American Society of Biomechanics will be held August 26 to 29 at Penn State University in State College, located in the beautiful rolling mountains of central Pennsylvania. The organizers of ASB encourage the submission of abstracts from researchers in the different disciplines and fields of application constituting the Society, including biological sciences, exercise and sports science, health sciences, ergonomics and human factors, and engineering and applied science. The abstract submission website will open on March 2 and abstracts will be accepted until 4:00 CST on Friday, April 3.

The program will open with lab tours and tutorials. The body of the meeting will include keynote lectures, symposia, podium sessions, poster sessions, the sessions for the competitive awards (*Clinical Biomechanics*, *Journal of Biomechanics*, Young Scientist Pre-Doctoral, Young Scientist Post-Doctoral), and the honorary awards (Borelli and Hay). See www.asbweb.org for details on the awards.

More information on ASB 2009 will be posted at www.conferences.psu.edu/ASB2009.

A View From the Blue

Michelle Sabick

I am still in denial that the holiday season is upon us. Maybe it's the fact that we haven't gotten much snow yet, or maybe I have just been oblivious to the changes around me as I've been overwhelmed by the chaos of another semester, a toddler, and a complete house remodel all at the same time. Well, today it snowed and my sister-in-law started quizzing me about holiday gift ideas, so I guess I had better tune my radio to the 24/7 Christmas music channel and drink a little eggnog to see if I can get my attitude straightened out.

It seems that I get philosophical this time of year, as the commercialism of the holidays and the end-of-semester workload overlap and attempt to crush me beneath their combined weight (or maybe it is just a way of avoiding that huge stack of papers that I needed to grade by last night). Either way, I like to take a few minutes this time of year to take stock of where I am and where I am headed.

Last year I was thinking about the legacies that we leave behind, both as researchers and human beings. This year, I have been thinking a lot about research funding, which can be pretty strongly tied to our research legacies. I am nearing the end of one of my major research grants and just finished another, so I am busy planning and preparing grant applications. As economists predict a doomsday scenario for the nation's economy, and our state's governor announces another set of budget holdbacks affecting higher education, I feel both thankful to have a tenured position and daunted by the prospects of continuing to fund my research lab and the people in it for another year.

A colleague of mine just told me that the latest round of National Institutes of Health grants had funding rates in the single digits. This is extremely worrisome to me, as a professor at a "non-research-intensive" university. If established researchers at larger, more respected institutions are getting funded at slightly above the average rate (7%), my odds must be somewhere around 5%. I know that funding

through the NIH has never been easy to obtain, but the prospect of spending several weeks of my life completing a grant application that has a one-in-twenty chance of being funded is utterly depressing. Even if I am successful at receiving a grant, I have to have beaten out 95% of you, which isn't a very cheerful thought either.

As companies and foundations tighten their purse strings in light of decreasing profits and asset losses in the stock markets, non-federal funding sources are drying up a well. Therefore, I have been thinking about how to "trim the fat" in my lab budget, but still answer important questions in biomechanics that will make a difference.

My current strategy is to take a step back and really think hard about each of my lab's ongoing research projects. Some of the questions I am asking include "*How likely is this project to have a significant impact on the field?*", "*How unique is our approach to this problem?*", and "*How much fun are we having answering the question?*" If I don't have a good answer for all of these questions, I carefully consider eliminating the project. After all, it isn't like I have a lot of spare time to do work that ultimately doesn't matter very much.

While we should all be addressing each of these questions in every research proposal we write (well, maybe not the last one, exactly), I often feel that we forget about the first two. I often see researchers getting caught up in the fervor to attract funding or in competition with other research group, and losing sight of the big picture.

If we, as biomechanists, want to make a difference in the world, we need to really be revolutionary in our research, not just evolutionary. If you have not taken stock of your own contributions and progress lately (or if you, too, have a big stack of papers you are avoiding grading), I would encourage you to take a few minutes and think about the big questions. It might lead to some really interesting new ideas, to thinning out some of the "dead wood" in your research portfolio, or to getting rid of a project that never seems to be any fun. How better to get into the holiday spirit than to get excited about work again? Happy Holidays!

Paid Job Advertisements



KIHU - Research Institute for Olympic Sports
in Finland is looking for a sport-oriented and team-work adaptive

Researcher in Sport Biomechanics

Job description includes, among other things, applying research findings and methods for sports coaching, planning and carrying out of research, development and service projects and disseminating results. Qualification requirements include a Ph.D., good knowledge of elite sports and experience in research and development work.

The researcher will be appointed for a 5 year term or for a negotiable period of time. Payment will be based on the government payment class A23 or individual agreement. Applications should include a short description of scientific work and activity in the area of elite sports, certified CV, list of publications and desired starting date and length of employment.

All applications should be addressed to the Board of the Foundation for Research and Development in Olympic Sports and sent to: KIHU – Research Institute for Olympic Sports, Rautpohjankatu 6, 40700 Jyväskylä, Finland. The period for application will be prolonged until a valid applicant has been found.

For further information please contact director Jukka Viitasalo (jukka.viitasalo@kihu.fi or phone +358 400 641 597).

www.kihu.fi

Southern Methodist University

Annette Caldwell Simmons School of Education & Human Development
Applied Physiology/Biomechanics Assistant Professor
Department of Wellness

Southern Methodist University offers an exciting unique opportunity for an emerging scholar to join in the design and implementation of a new major in Applied Physiology and Sport Management while developing his/her program of research. Candidates must have a Ph.D. in Applied Physiology or Biomechanics, a record of scholarly research; evidence of success in or strong potential for obtaining external funding; an interest and expertise in designing, equipping, and managing new exercise physiology and biomechanics laboratories; a desire to provide high quality undergraduate instruction; and a willingness to play an integral role in the growth, development, and identity of the new major program scheduled to begin in the fall semester of 2009. Preference will be given to applicants with successful post-doctoral experience; a clear research agenda; a strategy for seeking external funding; a secondary expertise in either Exercise Physiology or Biomechanics; and an ability to work with faculty colleagues.

Responsibilities: The successful candidate will demonstrate an ability to work collaboratively to develop courses, to engage in research and to help where needed in teaching in and planning of the new undergraduate major curriculum. The candidate will also be responsible for helping establish the physiology of exercise and biomechanics laboratories planned for the new education building opening in the fall of 2010. The candidate should have outstanding interpersonal and communication skills that promote strong collaborations in research within the department and in the Dallas/Fort Worth Metroplex.

Salary competitive and commensurate with qualifications.

This assistant professor tenure-track position, #00053106, begins fall semester 2009. To ensure full consideration for the position, applicants should submit their application by February 5, 2009, but the committee will continue to accept applications until the position is filled. The committee will notify applicants of its employment decision after the position is filled.

Applicants can initiate consideration by submitting a letter of application, a curriculum vitae, and contact information for three references to: Chair of Search Committee, Simmons School of Education and Human Development, Southern Methodist University, PO Box 750353, Dallas, Texas 75275-0353.

We encourage digital applications: E-mailed files should be saved to smallest size and sent to lomejko@smu.edu. To retain font and formatting integrity, save documents in .pdf format. Letters of recommendation may be scanned and sent as .jpg files. Candidates may submit websites, CDs, DVDs that showcase samples of their work. All digital material/files/media must be fully functioning on both PC and Mac platforms.

SMU does not discriminate on the basis of race, color, religion, national origin, sex, age, disability, or veteran status. SMU is committed to nondiscrimination on the basis of sexual orientation. Hiring is contingent upon the satisfactory completion of a background check.



College of Health and Human Performance Department of Applied Physiology and Kinesiology Assistant Professor: Biobehavioral Science

The Department of Applied Physiology and Kinesiology at the University of Florida invites applications for a full-time, nine-month tenure track faculty position at the rank of Assistant Professor (position #00006514). Individuals with training in Biomechanics, Exercise / Performance Psychology, or Motor Control / Learning are encouraged to apply. Priority will be given to applicants studying innovative research questions that can be integrated with the research programs of existing faculty in Biobehavioral Science. Applicants must hold an earned doctorate in motor learning/control, neuroscience, biomechanics, or psychology of human movement, and possess evidence of scholarly achievements. Established or strong potential to attract external funding commensurate with appointment rank in these disciplines is required. Responsibilities for this position include developing and maintaining a strong independent research program with additional interdisciplinary collaborations that merit extramural funding and publishing in high-impact scholarly journals. In addition, this position entails teaching graduate and undergraduate courses in biobehavioral science, mentoring graduate students, and participating in professional, university, and community service. The position is available August, 2009 for an annual nine-month, tenure accruing contract; salary competitive and commensurate with experience and rank. Applications must be submitted on-line at <https://jobs.ufl.edu/> (requisition #0801029) and must include: (1) a letter of application (2) statement of research interests and career goals (3) curriculum vita (4) two relevant publications, and (5) name and contact information of at least three references. Application deadline is December 15, 2008. Email inquiries or nominations should be sent to: Dr. Christopher M. Janelle, cjanelle@hhp.ufl.edu. The University of Florida is an equal opportunity institution dedicated to building a broadly diverse and inclusive faculty and staff. Applications and nominations from a broad spectrum of individuals including women, members of diverse ethnic groups, and persons with disabilities are encouraged. All documents associated with this search are subject to Florida's 'Government in the Sunshine' and Public Records Laws.

The University of Florida is an Equal Opportunity Employer

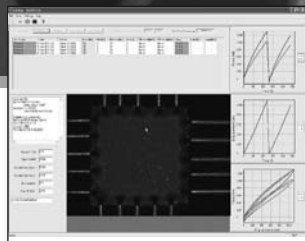
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Abstract reviewers needed for
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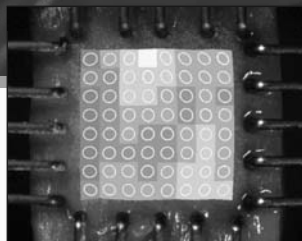
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and areas of expertise to Steve
McCaw (smccaw@ilstu.edu).

You will need to be available to
review ~ 20-30 abstracts between
mid-April to mid-May of 2009.

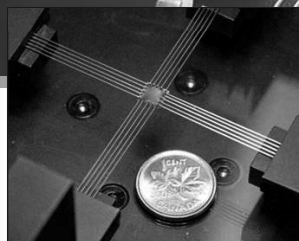
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Calendar of Events

William Ledoux

Orthopaedic Research Society

February 22 - 25, 2009, Las Vegas, Nevada

Abstract deadline - past

www.ors.org

American Academy of Orthotists and Prosthetists

March 4 - 7, 2009, Atlanta, Georgia

Abstract deadline - past

www.oandp.org/meeting2009

Gait and Clinical Movement Analysis Society

March 10 - 13, 2009, Denver, Colorado

Abstract deadline - past

www.gcmas.org/conference

American College of Sports Medicine

May 27 - 30, 2009, Seattle, Washington

Abstract deadline - past

www.acsm.org/AM/

Template.cfm?Section=Annual_Meeting2

American Society of Mechanical Engineers

June 17 - 21, 2009, Lake Tahoe, California

Abstract deadline - January 15, 2009

divisions.asme.org/bed/events/summer09.html

International Society for Posture and Gait Research

June 21 - 25, 2009, Bologna, Italy

Abstract deadline - December 31, 2008

ispgr.org/conferences/italy-2009

Footwear Biomechanics Symposium

July 10 - 12, 2009, Stellenbosch, South Africa

Abstract deadline - December 31, 2008

2009.footwearbiomechanics.org

American Society of Biomechanics

August 26 - 29, 2009, State College, Pennsylvania

Abstract deadline - April 3, 2009

www.conferences.psu.edu/ASB2009

IEEE Engineering in Medicine and Biology Society

September 2 - 6, 2009, Minneapolis, Minnesota

Abstract deadline - April 7, 2009

www.embc09.org

Medical Physics and Biomedical Engineering

September 7 - 12, 2009, Munich, Germany

Abstract deadline - February 22, 2009

www.wc2009.org/World-Congress-2009/Pages/Home.aspx

International Research Council on Biomechanics of Injury

September 9 - 11, 2009, York, United Kingdom

Abstract deadline - December 22, 2008

www.ircobi.org/conference.htm

International Conference on Computational Bioengineering

September 16 - 18, 2009, Bertinoro, Italy

Abstract deadline - January 31, 2009

www.iccb2009.org

European Society of Movement Analysis for Adults and Children

September 17 - 19, 2009, London, England

Abstract deadline - May 1, 2009

www.esmac2009london.org

Human Factors and Ergonomics Society

October 19 - 23, 2009, San Antonio, Texas

Abstract deadline - February 23, 2009

www.hfes.org/web/HFESMeetings/meetings.html

International Conference of Biomedical Engineering

October 28 - 30, 2009, Venice, Italy

Abstract deadline - June 30, 2009

www.waset.org/wcset09/venice/icbe/index.html

International Society of Biomechanics in Sports

tba 2010, Marquette, Michigan

Abstract deadline - tba

www.csuchico.edu/isbs/conferences.htm

International Society of Electrophysiology and Kinesiology

June 16 - 19, 2010, Aalborg, Denmark

Abstract deadline - tba

www.isek-online.org/up_conf.asp

NOTE: For a more comprehensive international listing, please visit ISB's website at: isbweb.org/o/content/view/40/57/

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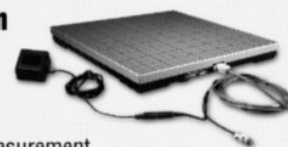
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- ◆ For Balance and Postural Sway measurement
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- ◆ Extensive analysis, plotting, and statistical information



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