

3rd Annual SPEAR Sport Science Conference



Sport Professionals' Experience And Research
C O N F E R E N C E

February 18th & 19th

2011

EXPERTISE ACROSS
DOMAINS



The Sport Psychology Organization & Research Team (SPORT) is proud to announce the 3rd annual FSU SPEAR Conference. This conference brings together respected scholars, coaches, and players to contribute unique insights into the science of sports.

This year's conference theme is **Expertise Across Domains**. We will examine topics related to expert performance across various domains such as sports, education, fine arts, medicine, business, and entertainment. Our topics include: developing experts, the recruiting process, issues in defining, measuring and capturing expertise, working with gifted individuals, the nature-nurture debate, technology, and the future of expertise.

Please visit our website for more information.

www.coe.fsu.edu/sport

sportpsychorg@gmail.com

Our general goal is for everyone in attendance to actively listen to and participate in the stimulating discussion of similarities and differences across domains in the area of expert performance, an up-and-coming area of interest, featuring several best-sellers in the past year (e.g. Bounce, The Talent Code, and Outliers).

Welcoming Remarks

Friday February 18th
12:00 – 12:15 PM

Welcoming Remarks:

Dr. Betsy Becker,
Department Chair, EPLS



Betsy Jane Becker is a professor and coordinator of the program in Measurement and Statistics in the College of Education at The Florida State University, where she has been on faculty since Fall 2004. For the previous 21 years she was in the Measurement and Quantitative Methods program at Michigan State University. Becker earned her B.A. and M.A. degrees in Psychology from The Johns Hopkins University in 1978. She earned her Ph.D. in Education from The University of Chicago in 1985, where she worked with Larry Hedges and completed a dissertation on combined probability methods for meta-analysis.

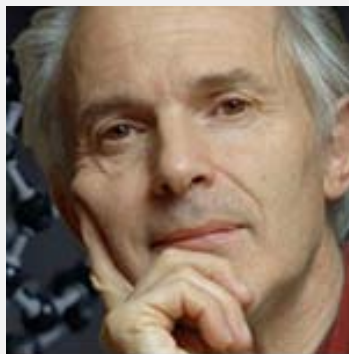
Her dissertation won the American Educational Research Association's Outstanding Dissertation Award in 1985.

Keynote speaker

Friday February 18th
12:15 – 1:00 PM

Opening Keynote Speaker:

Dr. Sir Harold W. Kroto,
Nobel Lauréate



Harold Kroto received his B.S. (Chemistry, 1961) and Ph.D. (Molecular Spectroscopy, 1964) from the University of Sheffield (Sheffield, England, U.K.). After his postdoctoral work at the National Research Council (Ottawa, Canada) and Bell Telephone Laboratories (Murray Hill, NJ, U.S.A.), he started his academic career at the University of Sussex (Brighton, England, U.K.) in 1967.

He became a professor in 1985 and a Royal Society Research Professor in 1991. In 1996 he was knighted for his contributions to chemistry and later that year, together with Robert Curl and Richard Smalley (of Rice University, Houston, TX, U.S.A.), received the Nobel Prize for Chemistry for the discovery of C₆₀ Buckminsterfullerene, a new form of carbon. Dr. Kroto is now a Francis Eppes Professor in the Department of Chemistry and Biochemistry at The Florida State University.

An ardent advocate for science education, Kroto devotes much of his time and energy to promoting careers in science among young people.

Keynote speaker

Friday February 18th
12:15 – 1:00 PM

Opening Keynote Address:

Dr. Sir Harold W. Kroto,
Creativity in Science, Art & Design



Creativity is a uniquely human attribute, though it has arguably been observed very occasionally in other animals. It is fairly easily recognized but in general rather less easily defined. Indeed attempts to arrive at some academic, semantic, definition are seldom worth the effort. In many discussions on the relationships between Art, Science and Design - particularly those focused on whether the fruits of scientific endeavor might have artistic merit - it tends to be very much a one-way exercise. For instance, in recent years, advances in the power of microscopes and telescopes have, together with the paradigm shifting advances in computer graphics, revealed truly spectacular awe-inspiring images of the cosmos as well as the microcosmos. Poster reproductions of such images abound, everywhere from the walls of homes and restaurants to the walls of offices and art galleries. Some argue that such images are examples of "Found Art" and differ in a fundamental way from Works "of" Art, which they claim must involve some human "visionary" component. There is the possibility - it does seem to be rather rare - for the reverse process to occur in which a project, initiated for only an "artistic" motive, to serendipitously reveal a significant scientific breakthrough. There are also various shades of Art as the spectrum ranges from illustration and graphics through decoration to "so-called" fine art. This presentation describes a personal journey exploring these issues and related issues and an example of "Found Science" will be described. The aim will be, less to reach some definitive conclusion and more to achieve a deeper understanding and awareness that, although human creativity manifests itself in many different ways, ultimately it leads to the same thing - pleasure - an emotion that oddly, we do seem to share with many other animals.

Schedule

11:30AM – 12:00 PM

Registration

12:00 – 12:15 PM

Welcoming Remarks

Dr. Betsy Becker, DEPARTMENT CHAIR, EPLS

12:15 – 1:00 PM

Opening Keynote Address,

Creativity in Science, Art & Design

Dr. Sir Harold W. Kroto, NOBEL LAURÉATE

1:15 – 2:30 pm

Recruiting Panel

Dr. Cecile Reynaud, SPORT MANAGEMENT

Dr. JoAnne Graf, SPORT MANAGEMENT

Eric Bell, ASSOCIATE HEAD COACH, FSU SOCCER

Dr. Tom Welsh, SCHOOL OF DANCE

Gerri Houlihan, MFA, SCHOOL OF DANCE

Jawole Willa, MFA, SCHOOL OF DANCE

Bryan Richards, MUSIC THEATER

2:45 – 4:00 PM

***Deliberate Practice and Improvability of
Performance: Prospects and Limits***

Dr. K. Anders Ericsson, COGNITIVE PSYCHOLOGY

4:15 PM - 5:30 PM

FSU Flying High Circus

Demonstration of Expertise & Discussion

Chad Mathews, CIRCUS DIRECTOR

5:30 PM - 6:30 PM

Belly Dancers at FSU & Jake Galles, GUITAR

7:00 PM

Social @ Gordo's

1907 WEST PENSACOLA ST - TALLAHASSEE, FL 32304

Tel (850) 576-5767

February
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Schedule

8:30 – 9:00 AM

Coffee & Breakfast

9:00 – 10:15 AM

Defining & Measuring Expertise

Dr. Gershon Tenenbaum, SPORT PSYCHOLOGY

Oral Presentations

10:30 – 11:45 AM

Giftedness in Musical Domain

Dr. Heidi Williams, COLLEGE OF MUSIC - PIANO

11:45 AM -12:15 PM Lunch

12:15 – 1:00 PM

Oral Presentations

1:00 – 2:15 PM

Panel Discussion: Expertise Across Domains

Patricia Figueiredo, VOLLEYBALL PLAYER

Mary Love Ward, DANCER

Dustin Daniels, STUDENT BODY PRESIDENT

Ken Shalem, MOVIE DIRECTOR

2:30 – 3:45 PM

Working with experts

Dr. David Pargman, EMERITUS PROFESSOR, FSU COE

David Young, M.S. ATHLETIC TRAINER

Chang-Hyun Ko, M.S., ACEP

Amanda Cruz, M.S., IMG

4:00 – 5:00 PM

Technology & the Future of Expertise

Dr. Harry van der Lei, BIOFEEDBACK

Ryan Roemmich & Lisa Zubowski, BIOMECHANICS, UF

5:00 PM - 5:15 PM

Closing Remarks / Thank you

Edson Filho, SPORT

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19th

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Recruiting Panel

Friday February 18th
1:15 – 2:30 PM

Recruiting Panel

Speaker:

Dr. Cecile Reynaud,
Sport Management



Dr. Cecile Reynaud served as the Head Volleyball Coach at Florida State University for 25 years and is currently teaching in the Sport Management Department at FSU, where she is the director of the Online Coaching Certificate program.

Dr. Reynaud has served as an administrator in numerous capacities including positions with the American Volleyball Coaches Association and the US Volleyball Association.

Speaker:

Dr. JoAnne Graf,
Sport Management



Dr. JoAnne Graf retired from coaching after 30 years as the Head Softball Coach at Florida State University following the 2008 season. She is presently teaching in the Sport Management Department at FSU.

Dr. Graf was inducted into the National Fastpitch Coaches Hall of Fame in 2003.

Recruiting Panel (Cont.)

Recruiting Panel (Cont.)

Friday February 18th
1:15 – 2:30 PM

Speaker:

Eric Bell,

Associate Head Coach, FSU Soccer



Eric Bell has over a decade of soccer coaching experience at the collegiate level and is currently the Associate Head Coach of the Florida State University Women's Soccer Team.

Since coming to FSU five years ago, Bell has taken on the responsibilities of recruiting coordinator for the Seminoles.

Speaker:

Dr. Tom Welsh,

School of Dance



Dr. Tom Welsh is an Associate Professor in the School of Dance at Florida State University. He teaches Dance Conditioning, Kinesiology, and Teaching Methods for Dance majors and Introduction to Dance for students with other majors.

In addition to teaching, he conducts research on strategies for keeping dancers healthy while performing at their peak.

Recruiting Panel (Cont.)

Speaker:

Gerri Houlihan, MFA, School of Dance



Gerri Houlihan (Contemporary Dance) began her professional career at the Juilliard School, where she studied with Antony Tudor and members of the Martha Graham and José Limón dance companies. She has performed with the Metropolitan Opera Ballet Company and Paul Sanasardo Dance Company and spent five years as a soloist with Lars Lubovitch Dance Company. From 1991 to 1999 she directed her own company.

Speaker:

Jawole Willa Jo Zollar, MFA, School of Dance



Jawole Willa Jo Zollar holds a tenured position as the Nancy Smith Fichter Professor in Dance in the Florida State University's School of Dance. She is the Founder and Artistic Director of Urban Bush Women, a Brooklyn-based African-American performance ensemble with a contemporary focus on history, culture and community. Zollar directs the Urban Bush Women Summer Institute, an intensive training program in dance and community engagement for artists with leadership potential interested in developing a community focus in their art-making.

Speaker:

Bryan Richards, Music Theater



Bryan Richards has served as Music Director for a number of theatre organizations in the Tallahassee area, including productions with Tallahassee Little Theatre, Quincy Music Theatre, Theatre A La Carte, and FSU School of Theatre. He holds a Bachelors degree in Music Education and a Masters degree in Music Theory from East Carolina University. He is currently music directing "Cabaret" for Tallahassee Little Theatre (opening in April), and encourages everyone to come out, see the show, and support the arts in Tallahassee!

Recruiting Panel (Cont.)

Friday February 18th

1:15 – 2:30 PM

Deliberate Practice

Friday February 18th
2:45– 4:00 PM

Deliberate Practice and Improvability of Performance: Prospects and Limits

Speaker:

Dr. K. Anders Ericsson,
Cognitive Psychology



K. Anders Ericsson, Ph.D., is presently Conradi Eminent Scholar and Professor of Psychology at The Florida State University. After earning his Ph.D. in Sweden, he collaborated with the Nobel Prize winner in Economics, Herbert A. Simon. Currently he studies the measurement of expert performance in domains such as music, chess, nursing, law enforcement, and sports, and how expert performers attain their superior performance by acquiring complex cognitive mechanisms and physiological adaptations through extended deliberate practice.

He has edited several books on expertise and published articles in prestigious journals.

His research has been featured recently in cover stories in *Scientific American*, *Time*, *Fortune*, *Wall Street Journal* and *New York Times*. In 2007 he was described by *Fast Company Magazine* as “the expert on expertise.”

In 2009 *Wall Street Journal* and *New York Times* argued that he was a leader for the modern view of genius and new research on giftedness and extraordinary talent.

Deliberate Practice

Friday February 18th
2:45– 4:00 PM

Deliberate Practice and Improvability of Performance: Prospects and Limits

Address:

Dr. K. Anders Ericsson,
Cognitive Psychology



Recent research in many domains of expertise, such as chess, music, medicine, and sports, shows that engaging in most forms of experience with domain-relevant activities, such as work, playful interactions, and competitions, have surprisingly limited benefits for improving performance, once an acceptable level has been attained. For example, some of us know recreational golfers who haven't improved after decades of active playing. Many of us know athletes that have seemingly reach an asymptote with no recent gains in performance. Recent research on expert performance have demonstrated that some types of experience, such as focused appropriate training activities—deliberate practice—can dramatically change the human body, and over extended time, modify virtually all characteristics relevant to superior performance, with the exception of increasing body size and height. According to this theoretical framework the acquisition of expert and elite performance involves a successive development of increasingly refined mental mechanisms that afford experts increased control over their performance and on the acquisition and maintenance of physiological adaptations. Motivated future elite performers are guided by teachers to engage in a sequence of appropriate deliberate practice activities, where targeted aspects of performance can be improved within a limited time. Over the last few decades athletes, coaches, and scientists have been able to identify training activities, which can improve many aspects previously believed to fixed. To what extent can the full range of elite performers' learning, skill acquisition, and physiological adaptations be shown to provide a scientifically-based account of the human potential that is attainable through optimal development and deliberate practice?

FSU Flying High Circus

Friday February 19th
4:15 – 5:30 PM

FSU Flying High Circus

Speaker:

Chad Mathews,
Circus Director



Demonstration of Expertise & Discussion

Chad Mathews is the director of the Florida State University Circus. Throughout its 60 year history, the FSU Flying High Circus has appeared in Europe, Canada, the Bahamas, and the West Indies. It was selected as one of the Southeast Tourism Society's Top 20 Events for 1989, 1995, 1997, 1998, 1999 and 2000.

Most recently it has been the subject of a CSTV documentary, *Flying High: the Florida State University Circus*.

A City of Tallahassee proclamation stated: "Each year the Flying High Circus produces a championship show." The State of Florida presented a concurrent resolution in 1973 to "...commend the FSU Circus for their achievement in captivating audiences the world over."

Defining & Measuring Expertise

Saturday February 19th
9:00 – 10:15 AM

Defining & Measuring Expertise

Speaker:

Dr. Gershon Tenenbaum,
Sport Psychology



Gershon Tenenbaum is the Benjamin S. Bloom Professor of Educational Psychology with the Department of Educational Research at Florida State University.

He currently serves the university as an adjunct professor with the Department of Psychology, the Educational Psychology Program leader in the Department of Educational Psychology and Learning Systems Faculty, major leader of Sport Psychology and chair of the Blue Ribbon committee for the College of Education.

His research explores perceived exertion, probabilistic vs. deterministic approach to emotion-related performance zones (ERPZ), cognition and perception in sport, teaching learning processes, decision-making, research design, assessment and measurement in motor behavior and sport psychology.

Defining & Measuring Expertise

Saturday February 19th
9:00 – 10:15 AM

Expertise and the Efficacy of Minimum Age Rules: Evidence from Professional Tennis

Author:

Ryan M. Rodenberg



Co-author:

Daniel F. Stone

Age is often used in law and public policy as a low-cost proxy for competency, maturity, and ability. Age is also used in numerous sport (and non-sport) labor markets to determine workplace eligibility. We exploit the enactment of the women's professional tennis minimum age rule (AR) in 1995 to estimate the effects of ARs on short-run and long-run labor market outcomes. We find very limited evidence that the AR has had any systematic beneficial effect on players' career longevity or success. Our results suggest that sport governing bodies should (re-)evaluate the efficacy and necessity of "one size fits all" age eligibility rules.

Defining & Measuring Expertise

Saturday February 19th
9:00 – 10:15 AM

Team chemistry and shared mental models in expert soccer teams

Author:

Lael Gershgoren



Co-authors:

**Aaron Gershgoren, Edson Medeiros Filho,
Itay Basevitch & Gershon Tenenbaum**

A team of experts is not necessarily an expert team (Eccles & Tenenbaum 2004, Salas, Cannon-Bowers, & Johnston, 1997). A composition of various components within a team is essential for reaching its full potential; often referred to as team chemistry. Specifically, team chemistry consists of its members' capability to think and act as a unit (Herrington, 2006). Although Herrington's perspective focuses on the cognitive-behavioral linkage which is associated with Shared Mental Models (SMM), other components play a role in establishing team chemistry. Hence, the purpose of the current qualitative inquiry was to establish a conceptual framework of team chemistry components. To meet this end, nine elite soccer coaches ($n = 6$) and players ($n = 3$) were interviewed using a semi-structured interview guide. A grounded theory approach was employed to inductively analyze the data. Four themes pertaining to team chemistry components emerged: (1) players' characteristics (e.g., demographic data, on and off field characteristics, and ego congruency), (2) coach-players interaction (e.g., professional interaction, emotional intelligence, and nature/nurture interaction), (3) interaction among the players (e.g., professional agreement, efficacy, mutual understanding, leadership and social roles, knowledge, friendships, and goals), (4) interaction with environmental factors (e.g., owners, management, coaching staff, fans and media). The cognitive-affective-social-behavioral linkage of team chemistry and athletic performance is examined in light of these themes and first level categories. Furthermore, implications of the conceptual framework for coaches and performance enhancement consultants are also discussed.

Defining & Measuring Expertise

Saturday February 19th
9:00 – 10:15 AM

Is the best defense a good offense? A comparison of the Brazilian and Italian soccer styles

Author:

Edson Medeiros Filho



Co-authors:

**Itay Basevitch, Yanyun Yang,
& Gershon Tenenbaum**

The main purpose of the current analysis is to test the mythical belief that Brazilian teams possess an offensive style of play while Italian teams rely on a defensive game plan (Yates, North, Ford & Williams, 2006). A dominant rationalization for these perceived differences are rooted in the cultural and social differences between the two nations (Hargrave, 2007). Data (i.e., goals scored, goals conceded and points per game) from international competitions (i.e., World Cup tournaments), and from the premier local leagues (i.e., Brazilian and Italian) were descriptively and inferentially analyzed. Findings revealed that at both the national and local levels, the Brazilian teams scored more goals per game than the Italian teams. However, no differences were found in regards to goals conceded per game between the two nations. Thus, the results only partially supported the notion that Brazilian teams rely on an offensive game plan and Italian teams on a defensive minded game. Furthermore, implications on multiple pathways for reaching expertise and the relationship between society and sport (i.e., sport as a microcosm of society) are outlined. Avenues for future studies on the cultural and social development of these differences are also presented.

Defining & Measuring Expertise

Saturday February 19th
9:00 – 10:15 AM

Testing the possibilities, going from zero to professional with 10,000 hours of deliberate practice

Author:

Dan McLaughlin



I am currently 1,100 hours into my goal of 10,000 hours of deliberate practice to test what is possible later in life. I began training in golf while 30 years old and had no prior experience, but now am dedicated full-time to the pursuit of excellence in the sport.

For more info, please view: <http://thedanplan.com>

Giftedness in Musical Domain

Saturday February 19th
10:30 – 11:45 AM

Giftedness in Musical Domain

Speaker:

Heidi Louise Williams



American pianist Heidi Louise Williams joined the Florida State University piano faculty in 2007. She has appeared in solo and chamber music performances across the United States and internationally, winning numerous prizes. An avid chamber musician, she has collaborated with many outstanding American and international artists.

Speaker:

Emily Charlson

Sophomore Emily Charlson is currently enrolled as a Piano Performance major at Florida State University. She won the Edward and Ida Wilcof Young Artist Concerto Competition in 2007, and was the featured soloist with the Florida West Coast Symphony in 2008.

Speaker:

Joshua Ross

Currently in his junior year, Joshua Ross is a Piano Performance major at Florida State University. Joshua is also a devoted member of the FSU Marching Chiefs, in which he plays the saxophone and has enjoyed many high-profile engagements including the 2010 Chick-fil-A Bowl in Atlanta.



Giftedness in Musical Domains

Saturday February 19th
10:30 – 11:45 AM

Giftedness in Musical Domains

Speaker:

Beibei Lin

Originally from China, Pianist Beibei Lin is currently pursuing a Masters of Music in Piano Performance with special emphasis on Piano Pedagogy, where she holds a Graduate Teaching Assistantship in Piano Pedagogy.

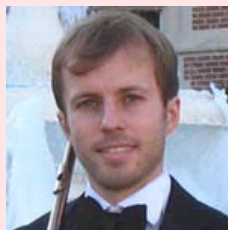
Speaker:

Roberto Sinha

An aspiring pianist/Music Director, Roberto Sinha has performed throughout the United States, Italy, and Croatia. He is continuing his classical studies, working towards a M.M. in Piano Performance under instruction from Dr. Heidi Louise Williams.

Speaker:

Matthieu Clavé



French Flutist Matthieu Clavé received his First Prize (Bachelor of Music) from the National Conservatory of Music in les Landes, France. Mr. Clavé is an internationally active performer and has been a permanent member of the French Flutes Orchestra since 2005.

Exercise and Unconventional Domains

Saturday February 19th
12:15 – 1:00 PM

Alterations in body image in a fitness center environment

Author:

Urška Dobersek



Fitness facilities are venues where people can engage in health-benefiting exercise behaviors. In this setting, the body is often an individual's central focus and one which lends itself to seeing the body as an object that can be trimmed, shaped, refined and buffed via appropriate exercise protocols. The question of how fitness center facilities alter the perception of body image and whether or not this environment fosters the development of self-objectification (SO) is interesting on both theoretical and practical accounts. This phenomenological study adopted a multi-method data collection approach (i.e. observations, interviews and documentation). Interviews were transcribed and inductively analyzed utilizing Fredrickson and Roberts' (1997) theoretical framework on potential causes of SO. The main themes that emerged from the data suggest that there are three main characteristics contributing to development high SO: the physical environment (i.e. fitness center), reasons for exercise (e.g. exercising for appearance related reasons), and body-satisfaction/dissatisfaction. Future research that adopts a mixed-method approach (i.e. qualitative and quantitative) is needed for a more accurate and comprehensive understanding of how fitness center facilities may alter body image perceptions and increase the probability of the development of high SO.

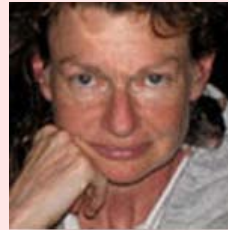
Exercise and Unconventional Domains

Saturday February 19th
12:15 – 1:00 PM

Expertise across Unconventional Domains

Author:

Karin Jeffery



Expertise has been extensively researched across a range of domains (Ericsson, Charness, Feltovich, & Hoffman, 2006). One prominent direction of this research considers the role of environmental adaptations in reducing the expert's perceptual and/or cognitive workload during performance. This study addressed the role of environmental adaptations in somewhat unconventional areas of expertise such as dodgeball, chess-boxing, peat-bog racing, ride-and-tie racing, parkour, cleaver juggling, and North Florida's own traditional Seminole sport of alligator wrestling.

Exercise and Unconventional Domains

Saturday February 19th
12:15 – 1:00 PM

Effects of imagery use on perceived exertion, attention-allocation, and task-endurance during a progressive cycling task

Author:

Selen Razon



Co-authors:

Kyle Mandler & Gershon Tenenbaum

The effects of imagery use on perceived exertion, attention allocation, and task-endurance during a progressive cycling task at 110% above anaerobic threshold were investigated. Forty five participants were randomly assigned to 3 groups (1) Dissociative Imagery, (2) Associative Imagery, and (3) Control (No Imagery). The rating of perceived exertion (RPE) and attention allocation measures were administered at 1 minute intervals. Heart Rate (HR) and Lactic Acid (LA) counts were administered at 1 minute and 3 time intervals. Participants were instructed to cycle at 50 RPM while using imagery or no imagery. The use of associative imagery resulted in longer adherence than dissociative imagery and both resulted in longer adherence than control. The use of dissociative imagery helped delay the dissociation-association shift. Highest RPEs were reported under the associative imagery condition. Further investigation ought to clarify the direct effects of cognitive manipulation on perceived levels of effort and related physiological indicators.

Expertise Across Domains

Saturday February 19th
1:00 – 2:15 PM

PANEL DISCUSSION: EXPERTISE ACROSS DOMAINS

Speaker:

Patricia Figueiredo, Volleyball Player



Patricia Figueiredo is a Junior at Florida State University studying environmental chemistry. Figueiredo is a member of the FSU Volleyball Team, playing as a setter for the Seminoles. She was named to the National Junior College Athletic Association All-American team in the season prior to transferring to FSU.

Speakers:

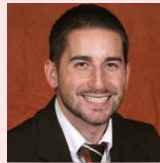
Mary Love Ward, Dancer



Mary Love Ward is pursuing her MFA in Dance at the Florida State University. She is a professional dancer, choreographer, arts administrator, and dance educator. She has danced for various professional companies including Carla and Company, Fuzion Dance, and Dance Antonini among others.

Speakers:

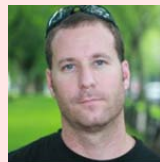
Dustin Daniels, Student Body President



Dustin R. Daniels is a Senior at Florida State University studying Economics and International Affairs, focusing specifically on economic development in Sub-Saharan Africa. He is the FSU Student Body President for the 2010-2011 academic year, and a former Project Director with the Global Peace Exchange.

Speakers:

Ken Shalem, Movie Director



Ken Shalem completed a Master of Fine Arts in Film Production at Florida State University Film School where he directed a short film that won the Student Television Award (Student Emmy) and produced a short film that won the Student Academy Award (Student Oscar).

Working with experts

Saturday February 19th
2:30 – 3:45 PM

Working with experts

Speaker:

Dr. David Pargman, Emeritus Professor



Dr. Pargman is Professor Emeritus in the Department of Educational Research, Florida State University. He has authored or co-authored numerous articles, book chapters, refereed abstracts, etc., and has delivered approximately 200 regional, national and international lectures at various professional forums. He is currently working on his seventh book, directed particularly to readers who are over 60 years of age.

Speaker:

Amanda Cruz, M.S., IMG



Played collegiate volleyball at Texas A&M International University. Has worked with athletes from different skill levels and several sports to enhance their mental skills. Interned with IMG Academies Performance Institute. Research interests include self-presentation and choking. Currently working on a PhD in sport psychology at FSU.

Speaker:

Chang-Hyun Ko, M.S. , Army Center For Enhanced Program



Chang-Hyun Ko has a Masters in Sport Psychology. He has experience as a Performance Enhancement Specialist working with various teams and individual sports. Now he works as a PES for the US Army at Fort Bliss in El Paso, Texas providing performance enhancement to Soldiers, Wounded Warriors, Department of Army Civilians and Families.

Speaker:

David Young, Athletic Trainer



David Young is Certified Athletic Trainer currently employed by Tallahassee Orthopedic Clinic(TOC) as the Head Athletic Trainer for Tallahassee Community College(TCC) in Tallahassee, Florida. His responsibilities for TOC include the daily operation and care of the athletes for TCC while assisting his supervisor with the education and outreach to the surrounding high schools and community.

Technology & Expertise

Saturday February 19th
4:00– 5:00 PM

Technology & the Future of Expertise

Speaker:

Dr. Harry van der Lei

Biofeedback



Born in Groningen, the Netherlands, Harry has worked as a physical therapist and sport psychology consultant in various professional sport settings. He was affiliated with the US Olympic Speed Skating Association during the Winter Olympic Games of 2002 (Salt Lake City, USA) and 2006 (Turin, 2006). His research and area of expertise/interest focuses on the use of neuro-physiological measures as performance process-related indicators of mental/emotional states during performance while attending to the unique personal characteristic of each of them.

Technology & Expertise

Saturday February 19th
4:00– 5:00 PM

Technology & the Future of Expertise

Speakers:

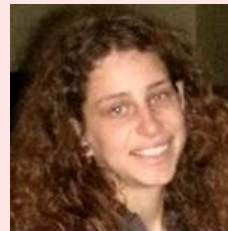
Ryan Roemmich & Lisa Zubowski

Biomechanics & Motion Analysis



Ryan Roemmich is a PhD student under Dr. Chris Hass in the University of Florida Biomechanics Laboratory.

His undergraduate degree is a Bachelor's of Science in Biological Systems Engineering from the University of Nebraska-Lincoln. Current research interests include locomotor adaptations to split-belt treadmill walking and motor performance in Parkinson's disease.



Lisa Zubowski is a PhD student under Dr. Mark Tillman in the University of Florida Biomechanics Laboratory. My Master's degree is a Master of Arts in Biological Anthropology from the University of Florida. Current research interests include wheelchair propulsion mechanics and osteoarthritis.

Using Three-Dimensional Motion Capture Systems to Answer Motor Performance Questions

We'll discuss how we can use the latest biomechanical technology to quantitatively describe motion patterns in various populations. With this technology, we can analyze in much greater detail human performance in a variety of settings, including the mechanics of everyday motor tasks and locomotor deficits resulting from injury, aging, or disease.

Closing Remarks

Saturday February 19th
5:00– 5:15 PM

Closing Remarks:

Edson Filho,

S P  R T

Sport Psychology Organization
And Research Team



S P O R T

Sport Psychology Organization And Research Team

Edson Filho
PRESIDENT



Edson Medeiros Filho is currently a PhD student in Sport Psychology at the FSU. He has experience as a performance enhancement consultant working with swimmers and soccer players of various ages and skill levels. His research interest includes expertise, coaching, shared mental models, creativity, sensation-seeking and altruism in sports.

Karin Jeffery
VICE-PRESIDENT



Karin Jeffery is a first-year Ph.D. student in Sport Psychology and a College of Education Teaching Fellow. She has over 20 years' experience as a group exercise instructor, personal trainer, fitness program manager, and endurance sport coach. She is a runner, cyclist, duathlete, and triathlete. Her next goal is to become a certified Russian Kettlebell Challenge (RKC) instructor.

Katy Tran
SECRETARY



Katy Tran is in her second year of her Ph.D. in the Sports Psychology program at Florida State University. She is particularly interested in performance enhancement through mindfulness training, attentional control, and optimistic thinking. Her research interest is in the factors that contribute to and the process of coordination in teams.

Oscar Gutierrez
TREASURER



Oscar is a second year Master student in Rehabilitation Counseling at FSU. At the moment he is conducting research at the Student Disability Resource Center as a co-leader of a psycho-educational group intervention for students with ADHD. Oscar's major interests are in coaching and leadership styles, the psychological aspects of sport injury and rehabilitation, attentional focus and motor control.

Itay Basevitch
FOUNDING MEMBER



Itay Basevitch is a Graduate student in Sport Psychology within the Department of Educational Psychology and Learning systems. He is also a Graduate Research Assistant in the ACE & CEPR labs on the U.S. Soccer Federation project.

Sport Members

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