



Department Head Notes

I have been asked by a number of you to reproduce my closing comments to last evening's Cowell Lecture and Awards Reception. These thoughts were directed specifically to our students. So here they are.

Cowell Lecture Closing Thoughts

In 1937 Carl Sandburg, the famous American poet and historian, was invited to give a brief talk at the rededication of the now National Historic Landmark building called "Old Main," at Knox College. Old Main is the only existing site remaining in America of the 1858 senatorial debates between Stephen Douglas and Abraham Lincoln. Knox is in Galesburg, Illinois and was the home town of Sandburg.

As most of you know, Abraham Lincoln didn't have much schooling. None actually. In 1858 during the Lincoln-Douglas debates at Knox, the podium was set up on the outside of Old Main, one of the original buildings at Knox. The podium was hitched to the wall of Old Main, and directly up against a huge window. When Lincoln was introduced he stepped through the open window onto the podium, saying to the crowd: "At last I have gone through college."

Knox College was founded in 1837. In his rededication comments Sandburg focused on the need for perpetuating the pioneer spirit in America. He was worried that collectively we had resigned ourselves to seeing pioneering as belonging only to the frontier days on the western prairies. In those days, he said, by way of this pioneering spirit "you found personal ambition mixed with love and sacrifice, interwoven with the tantalizing and indefinable American dream."

This pioneering spirit, Sandburg thought, should be the special province of our youngest generation, our students, (and) the province of all of you in this room. "What young people want and dream across the next hundred years," Sandburg said, "will shape history more than any other motivation to be named."

"One thing I know deep out of my time," he went on, "(is that) youth when lighted and alive and given a sporting chance is strong for struggle and not afraid of any toils or punishments or dangers or deaths."

So what will the course of society and civilization be over the next 50 years?

"For the answers," Sandburg says, "read, if you can, the strange and baffling eyes of youth."

On behalf of our entire faculty and staff I sincerely hope you will be counted among the future pioneers for perpetuating what Carl Sandburg called the "tantalizing and indefinable American Dream."



Vitality



APRIL

Mark Your Calendars!

April 24 - Last day for students to pass the final examination. (Presentation or thesis defense)



May 4 thru 9- Finals Week!

May 9 - Semester Ends!

May 12 - Grades due to office of the registrar!



Jeff Bell

Ph.D. Thesis Proposal

Title: *Prevalence of Peripheral Arterial Disease in Individuals with Spinal Cord Injury*

May 4th, 8:00 a.m. LAMB 120

David Beiser

MS Thesis Proposal

Title: *Carbohydrate Supplementation During Prolonged Intermittent Exercise in Endurance Trained Women*

May 5th, 9:00 a.m. LAMB 120

Leigh Schanfein

MS Thesis Proposal

Title: *The Use of Self-Motion Feedback for Balance Control in Younger and Older Dancers*

May 5th, 3:00 p.m. LAMB 120



From the HK Business Office

The HK Business Office (LAMB 101) has a small lockbox on the door now. Small items such as receipts and paperwork can be placed in the box when the office is closed.



Vitality



Congratulations!

Charmayne Hughes and Melissa Markofski received the prestigious Bilstrand Dissertation Fellowship for 2009-2010.

Below is the summary of their research.



Title: *Coordination Dynamics in Bimanual Grasping and Placing*

Charmayne Hughes has a very theoretically driven and novel research program. She has taken a very simple, elegant effect, known as end-state comfort and is beginning to systematically show how this effect can be preserved even though the underlying kinematics might change. Charmayne's research program is discovering the difference between high level motor constraints (strategies or goals) and tactics (kinematic properties that achieve goals). This work will help change the way many scholars think about kinematics and the brain. Many scholars think of the brain as "programming" kinematics. In other words, trajectory determines brain processes.

Charmayne's work is pointing to the emerging idea that simple descriptive constraints and goals are the linguistics of motor control, and kinematic properties are an emergent property of the tactics.

Title: *The anti-inflammatory effect of exercise: Exercise training with and without fat loss*

Heart disease, stroke, and diabetes affect different organs, but all have a common link: progression is significantly and positively correlated with inflammation. Several pharmaceuticals combat the inflammation associated with these diseases, but these drugs come at a high cost and with unfavorable side effects. Our research focuses on an intervention with desirable side effects: exercise. While there is little surprise in the finding that exercising older adults have a lower disease risk than physically inactive adults, much work is still needed to discover the mechanism by which exercise protects adults from inflammation-linked diseases.



The purpose of this study is to examine the influences of exercise training with or without dietary-induced fat losses on inflammation. Several researchers have explored the exercise and inflammation link, but many of these studies also had a weight-loss component to the intervention and it is difficult to partition the effects of exercise and fat loss. This current study has two groups: one that remains weight-stable while participating in an exercise-training program, and a second group that is exercising and on a diet to elicit significant weight-loss. The primary dependent variables are established markers for disease risk, such as C-reactive protein (CRP) and fasting glucose; as well as specific immune cells, cell-surface receptors, and proteins produced by immune and fat cells. We hypothesize that exercise is enough of a stimulus and there will be no difference between the groups. - **Melissa Markofski**



Vitality



Purdue University Black Cultural Center

The HAUNTING

Reflections from Hurricane Katrina

Choreography: K. IGAJEFF

Featuring
Jahari Dance Troupe
with Special Guest
The Kenyatta Dance Company



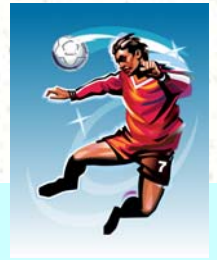
Saturday, April 25, 2009

7:00 p.m.

Loeb Playhouse

\$7.00 General Public

\$5.00 Purdue Students



HK 117: Team Movement Forms Sport Education Soccer Season



The HK 117 class just finished its soccer season using the sport education curricular model. Sport education is designed to make the sport experience as authentic as possible by coordinating a season of games that culminate with a postseason tournament. Additionally, students participate in non-playing, duty team roles that help to make the games more realistic. For example, in the soccer season the students acted as referees, scorekeepers, announcers, goal judges, publicists, and more. Each team chose to represent a country of the world and the season was played using a World Cup of Soccer theme. Team statistics and game results were posted outside of the North Gymnasium in the Recreation and Sports Center, where the games were played. There were

four teams that competed in the HK 117 World Cup of Soccer season: Argentina, Peru, Brazil, and Sweden. The regular season was very exciting and eventful and Peru finished in first place (5-1-0) followed by Switzerland (2-3-1), Brazil (2-3-1), and Argentina (2-4-0).

Coach Allyson Mykytiuk had the following to say about the Peru team: Our team included Brandon Adkins (trainer), Dan West (captain), Dawn Charles (publicist), Patrick Shultheiss (statistician), and Scott Wessel (duty role coordinator). I think we worked well together and improved as a team throughout the regular season.

Coach Katrina Vander Woude, who led team Switzerland, believed that her team got along very well and played as a team. She noted that they did not get mad at each other when a mistake was made and they encouraged one another. Switzerland was composed of Michelle Egan (captain and publicist), Logan Link (trainer), Wes Wilson (trainer), and Adam Brockman (announcer). Katrina noted that she liked the sport education season because, “we got to work together with the same team all season, so we got to know our team members’ strengths and weaknesses.

Coach James Stolarz believed that team Brazil improved a lot throughout the season and players who had very little soccer experience going into the season were able to be successful. He also noted that everyone on his team contributed in the postseason tournament. Along with James, Brazil included Joe Shaughnessy (captain), Nicole Wentzel (publicist), Betsey Malone (trainer), and Bill Taylor (statistician). James noted that the sport education model, “helped us work on our skills in practice and have fun in games.”

Coach Mark led Argentina by coordinating practices focused on improving his teammates’ skills. Captain Jeff Disney noted that the team got off to a rough start and had a somewhat disappointing regular season, but had high hopes and determination heading into the postseason tournament. Along with Mark and Jeff, team Argentina consisted of Dustin Zachary (trainer), Monroe Brooks (announcer), and Molly Pratt (duty role coordinator).

In the first round of the double elimination postseason tournament, Argentina (2-4-0) scored 4 goals and pulled up the upset against top seeded Peru (5-1-0) and advanced the second round. Third placed Brazil (2-3-1) edged out Switzerland (2-3-1) to advance to the semifinals against Argentina. Argentina rallied to a 7 to 2 victory over Brazil and secured a spot in the tournament finals. In the losers’ bracket, Peru defeated Switzerland 5 to 0 and moved on to play Brazil. Peru and Brazil tied 4 to 4 at the end of regulation and went on to penalty kicks to decide who would face off against Argentina in the finals. After remaining tied after the first round of 5 penalty kicks, Brazil eventually scored twice to edge past Peru in a hard played match to set get into the finals against Argentina. While the final game was close early on, not even the strong Brazilians could hold off Argentina’s surge and the Argentines powered their way to a 7 to 1 victory to win the first HK 117 World Cup of Soccer.

All of the students in HK 117 said that they enjoyed participating in the two Sport Education seasons (soccer and volleyball) we coordinated in class. Among their top reasons for enjoying the model were that it allowed them to play a lot of games, stay in the same teams throughout the season, and have a peer coach rather than a teacher. The students also enjoyed the competition of the postseason tournament along with their ability to learn about the other teams during the regular season so they could develop strategies for when playing them in the postseason. -K. Andrew Richards



Instructor, HK 117: Team Movement Forms



Thomaseo and his advisor, Dr. Okoror

Thomaseo Burton was recently recognized at the IPHA Joint National Health Week Conference called “Building the Foundation for a Healthy Indiana.” He received the Stephen Jay Leadership Award for Improving Public Health in Indiana. He was selected by the HK health faculty to receive this award for 2009. Pictured are those who participated in the award ceremony. Congratulations Thomaseo!



L to R: MPH Programs, IU-Bloomington (Dr. Fernando Ona), Thomaseo Burton, Purdue - West Lafayette, (Dr. Roseann M Lyle), IUPUI (Dr. Carole Kacius),



Purdue faculty and students who were present at the meeting



Syidah Abdullah's poster was accepted to the Society of Epidemiological Research and IPHA.



Great Job Syidah!





Vitality

Congratulations!



The Avery family has been honored by the Owen Hall Hussar Club as the "Faculty Fellows" of the Year for the 2008-2009 year.

George Avery will also be participating in the Department of Defense JOINT URBAN WARRIOR '09 exercise April 19-24 in Potomac, Maryland. The exercise is sponsored by the Joint Forces Command Joint Urban Operations Center and the Marine Corps Warfighting Laboratory. The exercise is designed to identify issues related to interoperability between the military and other government agencies in conflict prevention and stability operations, and will focus on a scenario related to issues in the Horn of Africa (Eritrea, Somalia, Ethiopia, Kenya, and Djibouti). This is the region that has been in the news lately due to the high levels of pirate activity in the Indian Ocean and Gulf of Aden. He will be serving as the advisor/subject matter expert in the area of public health and humanitarian assistance for the "Country Team" for Djibouti.



Russ Carson and Laura Stewart, HK graduates, are proud to announce the arrival of their baby girl, Bella Renée Carson. She arrived at 9:35pm (central time) on April 8th 2009, weighing 6 lbs. 14.4 oz with a length of 19 ¼ inches.





She'll Never Start! (then) She'll Never Stop!



David Puttnam

For a good part of his life, British born David Puttnam (b. 1941) produced films, really good films, some 35 of them including *The Killing Fields*, *Chariots of Fire* (1981 Academy Award for Best Picture), *Midnight Express*, *Local Hero*, *Memphis Belle*, *Bugsy Malone*, and *The Duellists*. In 1986, given Puttnam's string of successes, Coca-Cola offered him the CEO position of their financially troubled Columbia Pictures. Columbia's history went back to 1919 and was one of the relatively successful film studios of Hollywood's Golden Age of film. Coca-Cola bought Columbia in 1982 as a media subsidiary seeing an opportunity to be a major player in film production and distribution. But by 1986 things weren't working out as expected and Puttnam was hired to turn things around.

Instead, Puttnam turned things upside down. He arrived in Hollywood from London with an agenda: hire as many gifted, creative directors and writers as possible to make high quality but low budget films; de-emphasize the exclusive reliance on big name movie stars; steer clear of heavy investments in blockbusters; quit producing remakes and numbered sequels; and dump all contracts with the local big shots and cronys. If that weren't enough, in his first year Puttnam took the studio's entire staff Christmas bonus money and donated it to a charity. He sent the studio staff a card wishing them a merry Christmas with a note encouraging them all to enjoy the holiday "knowing that your generosity has made it possible for many less privileged to feel cared for at this special time of year." Puttnam's first year with Columbia Pictures was his last year with Columbia Pictures. In 1989 Columbia Pictures was sold to Sony.

But what beliefs grounded Puttnam's seemingly schizophrenic and suicidal pattern of decision at Columbia Pictures? In 1988 Bill Moyers had a conversation with David Puttnam as part of his PBS series, "A World of Ideas." First off, Puttnam decried the kind of cynicism that films then were reflecting. When film makers peddle movies to the lowest common denominator (*Rambo* was mentioned as an example), "The audience are kind of lumpen proletariat who, as long as they turn up in sufficient numbers and leave their money at the box office, are really, totally ill-considered."



Secondly, Puttnam told Moyers that films have the power to teach, not just entertain. He makes a distinction between "and" movies and "or" movies. Puttnam tried to make "and" movies. This means that the film should be "entertaining *and* informing *and* has intrinsic values, ongoing values in society, which people can gather around and defend." The "or" movie, on the other hand, settles for exploiting what is momentarily popular; it doesn't pursue any value at all; it more often elects to debase than to dignify. If the "or" movies win the day the values that the "and" movies frame are trivialized. "The problem is the poverty of ambition, not the poverty of imagination," Puttnam claimed.

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She'll Never Start! (then) She'll Never Stop!



Third, when reflecting on his short stay in Hollywood, Puttnam told Moyers that Hollywood is a godless place. He meant that when a film community—any community for that matter—becomes self-aggrandizing, they usually forget that there is a real price to pay, that the rule of cause and effect doesn't apply to them. The price, he said, was absence of quality; very few folks inside the industry really thought the films the industry was producing were any good. Puttnam strongly believed that it wasn't the audience who didn't want to see a really fine film; it was the industry second-guessing what they thought the audience wants to see. (Puttnam also fessed up to Moyers at this point in the interview that he made some terrible decisions while at Columbia Pictures—he even agreed with Moyers that “Wouldn't it have been better to have practiced what you preached and preached less what you practiced?”)

Fourth, Puttnam truly believes that deep down human beings are decent. When speaking of the power of film, its goals should be help human beings be better, to frame sources of human meaning, to spotlight values and responsibility. “You give people a character with whom they can identify, and you put that character, man or woman, through a moral crisis, and you allow that character to fight his fights and come out on the other end with his dignity intact, true to himself, whether or not he wins, and you watch the faces in that audience anywhere in the world, watch them respond.” We do have a good idea, Puttnam insists, of what is fair, what is right, and what kind of life a principled life is.

By the late 1990s Puttnam moved away from producing films, in part because the industry's continued self-definition as an exclusively “or” entertainment-based business. He turned to politics. He was a member of the Labour Party in the House of Lords. Also a Lord himself—Puttnam was knighted in 1995—and since then he has committed himself to a number of other endeavors: ten years as chair of the National Film and Television School; first chancellor of the University of Sunderland (1997-2007); founder of the National Teaching Awards; chairman of the National Endowment for Science, Technology and the Arts (NESTA); a trustee of the Institute for Public Policy Research; and a steady voice for the values of representative democracy and environmental responsibility.



Puttnam often speaks of what he calls “the creative economy.” His concern is that the creative arts and cultural industries (music, dance, film, sports, the arts, theatre, writing, and so on) won't be able to adapt to the ever-increasing pace of technological development and change. A global economy is now driven by both information and images. This convergence of information and images defines what he means by the creative economy. And the creation of intellectual property in particular will define the future of many of the cultural industries. The upshot of investing in this kind of technology, Puttnam believes, is not to make our lives more convenient or to be able to cram more activities into everyday agendas. “The advent of the creative economy heralds not just new ways of thinking and working together, but far more importantly, new ways of imagining the world.”

Con't...



She'll Never Start! (then) She'll Never Stop!



Ever the teacher, Puttnam didn't miss the implications of the creative economy for education. He argued that this digital revolution isn't to be thought of as equivalent to the impact of the calculator on doing mathematical calculations—just doing math more simply and faster. By the later 1990s Puttnam already saw what the youngest generations were about to teach us all: "The human race has barely begun to get to grips with the way information technology can revolutionize learning, and by extension, the way it can change the way we think, communicate and create." Puttnam believes that demanding more imagination and ingenuity in developing new models of education will inevitably result in "a genuinely inclusive, vibrant, humane, social community, of which all of us will be genuinely proud to be

a part."

The only serious obstacle to achieving this change, Puttnam knows full well, is us. The way we respond to change, unfortunately, is to either believe something is not possible, or once its possibility is proven to believe it is out of control. Here's a good example of what Puttnam means. He refers to the way the masses reacted to Fulton's testing of the steamboat on the Mississippi River. While the inventor and his engineers were finishing the final adjustments preparing for the maiden voyage of his new contraption, the impatient skeptics in the huge crowd on the banks of the river started shouting, "She will never start, she will never start!" Shortly, the sparks flew, the smoke billowed, and the boat began slowly moving up the river. The skeptics were silenced for a while as they witnessed history being made. But then they began yelling after the boat, "She will never stop, she will never stop!"

If the skeptics have their way, most every new discovery, every new thought, every new image and vision will be called irrelevant. But it certainly seems to us that creative irrelevance recreates the very nature of what it means to be relevant. So the lesson for us all is this; hankering after the possible can create the positive change necessary for a humane and sustainable future.

