



INTEGRATING MEDICINE, SCIENCE, AND EXERCISE

## Department of Human Physiology

### THE AUSTRALIAN CONNECTION

*Editor's note: During travel to Australia in the 1960s the late professor Harrison Clarke of our department motivated many Australians to come to the University of Oregon for graduate studies. The invitations must have been persuasive, as during the next twenty-five years scores of "Aussies" left their country for Eugene to prepare for university careers back home. Many of those who received master's and doctoral degrees at the UO returned to Australia to become professors and department heads, in many cases establishing new departments throughout the country. Their talents and enthusiasm greatly enriched the culture of this department and the entire university during that time, and it is with recognition of their contributions and successes that the "Australian connection" is featured in this issue of In Vivo.*

*In this article, UO graduate Brian Blanksby, Ph.D. '70, head of the School of Human Movement and Exercise Science at the University of Western Australia in Perth, gives us a look at the UO-Australia relationship that exists to this day.*



### University of Oregon Influences Down Under

By Professor Brian Blanksby, Ph.D. '70

Over a long period Aussies in the disciplines of physical education, health education, and sport science headed off to study at the University of Oregon. It may be that the majestic mountains covered with very orderly Douglas fir trees and rapidly flowing rivers provided a contrast to the flat landscapes and more ragged Australian bush with miles of beaches. However, the real reason is that, from the early 1960s, the original handful of Aussies who came to the University of Oregon passed on the message to their mates about the great education, the marvelous support mechanisms, the excellent staff, and the friendly community they would find there in a wonderful environment.

The subsequent reverberation in Australia has been nothing short of astounding. When trying to encapsulate the extent of that, one would need a large book. In every state of Australia, Oregon graduates have played major leadership roles. The problem is that one could not attempt to cover the whole country (approximately as large as the United States mainland) because many important individuals would be missed. Hence, this short piece only covers where some early pioneering Oregon influence went on in Australia, namely, in the state of Western Australia. This occurred initially at the University of Western Australia (UWA) and extended to Edith Cowan University via Harold McKnight and the late David Roberts. Others who played a role here were Gerry Jones, Tom Odgers, and Wayne Machete.

The largest single influence of an Oregon alumnus in all of Australia was via John Bloomfield, now professor emeritus. Bloomfield was one of Professor Peter Sigereth's "trustworthy lieutenants" who taught anatomy and mechanical analysis. He returned to Australia from Oregon and came to a relatively barren academic environment for physical education at the University of Western Australia in 1968.

*continued on back page*



Aussie students and colleagues gather around the Pioneer Father in ca. 1983.

### Greetings from the Department Head

As is the case in all of our lives, time continues to move by quickly, and it is hard to imagine that we are celebrating the first anniversary of *In Vivo*. It is my hope that this newsletter has been useful in updating you on the Department of Human Physiology and has answered your questions about what is happening on the UO campus. We are grateful for the many supportive comments received in your letters and e-mail messages and for your on-going financial contributions to the department. Your support allows us to upgrade teaching labs, create seminars, and offer student scholarships that would otherwise be unattainable.

In June, we celebrated the graduation of eighty extraordinary undergraduate, master's and Ph.D. students—our largest class since the department moved to the College of Arts and Sciences. For the past several years, each UO department has conducted its own individual graduation ceremony. The beautiful campus venues provided for this occasion afford a private atmosphere that makes commencement a "family" event and the highlight of the academic year. Department enrollment projections are very encouraging, as some fifty incoming undergraduate students have declared human physiology as their major. The department now has the fifth highest enrollment among the nearly fifty separate departments and programs in the College of Arts and Sciences.

Since the last issue of *In Vivo*, the Department of Human Physiology has benefited from substantial media coverage. In June, feature articles on the department's recent history, as well as the new environmental chamber, appeared in *Oregon Quarterly*, the *Eugene Register-Guard*, and the *Oregon Daily Emerald*. I hope you had an opportunity to read one or more of these items.

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### "In the Living!"

*In Vivo* or "in the living" connotes a focus common to those who study the science of exercise and human movement; hence, it is the title of the Department of Human Physiology alumni newsletter. Our goals for *In Vivo* are to:

- Honor the department's past
- Acquaint department alumni with current student and faculty member successes
- Highlight new and exciting directions
- Provide opportunities for alumni to communicate with the department.

### Haven't received prior issues of *In Vivo*?

If you have not received prior issues of *In Vivo* (fall 2004 and spring 2005) and wish to acquire a copy, please let us know via e-mail, [hphy@uoregon.edu](mailto:hphy@uoregon.edu), or regular mail, Department of Human Physiology, 1240 University of Oregon, Eugene OR 97403-1240, or phone (541) 346-5430. We will send one to you right away!

### Connect to the Department!

Be sure to log on to the Department of Human Physiology Alumni Website. You can access past issues of *In Vivo* as well as learn about department events and highlights. Go to <http://www.uoregon.edu/~Ehphy>, select your browser (Explorer, Netscape, or Safari), and then click on "Alumni" in the lower left-hand column.

We value your comments and encourage you to communicate with us through e-mail at [hphy@uoregon.edu](mailto:hphy@uoregon.edu) or regular mail at Department of Human Physiology, 1240 University of Oregon, Eugene OR 97403-1240.

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### UO-Aussie Mates



John Ashton  
M.S. 1975



Paul Batman  
M.S. 1978



Belinda Beck  
Ph.D. 1996



John Bloomfield  
Ph.D. 1967



Roger Bronks  
Ph.D. 1973



## DEPARTMENT NEWS

### Distinguished Alumnus Receives UMASS Accolade

Members of the Department of Exercise Science at the University of Massachusetts–Amherst recently recognized their department chair, Joseph Hamill, M.S. '78, Ph.D. '81, for outstanding dedication to the university and the department. Profiled in the spring 2005 *In Vivo* as a distinguished alumnus, Hamill was honored at the UMASS Exercise Science Founder's Day on Friday, April 29, 2005. His colleagues and students recognized his excellence in classroom teaching, research, and professional contributions. Special guests included Hamill's previous adviser, Barry Bates, who is a professor emeritus in the UO Department of Human Physiology.

### Department Faculty Member Receives Research Award

Christopher Minson has won the Outstanding Young Investigator award from the American Physical Society, Environmental and Exercise Physiology Section, which called his work "an outstanding example of experimental research." Minson competed with the most promising young scientists in the nation to win this award, which recognizes his investigation into how heat, cold, and oxygen levels affect human performance. His research has implications for a wide range of health issues, from occupations performed in extreme environmental conditions to the underlying causes of high blood pressure. The UO recently awarded Minson indefinite tenure and promotion to associate professor.

### Seminar Series Brings in Interesting Experts

The department has recently invited several experts from the UO and elsewhere to conduct seminars on a variety of interesting topics. These included:

- Richard Taylor (UO Department of Physics): "Fractal analysis in art and perception."
- King Yang (Wayne State University): "Experimental and numerical investigation of head injury mechanism."
- Scott Frey (UO Department of Psychology): "Neural mechanisms underlying manual tool use."
- Frank Wilson (University of California–San Francisco): "Glenn Gould: How a musical genius exploited his own horrific biomechanics and almost got away with it."
- Bob Armstrong (Texas A&M University): "Mechanisms underlying the effects of eccentric contraction on muscle."
- Carolee Winstein (University of Southern California): "Neurorecovery strategies for stroke: Translating the science into practice."

### Faculty Member Receives Blood Pressure Grant

John Halliwill of the Department of Human Physiology recently received a three-year grant-in-aid funded by the American Heart Association Pacific Mountain Affiliate to study why blood pressure is lower after exercise. Halliwill's prior work on the topic has shown that the nerves that control blood flow in the leg are less active following exercise, but that other factors are also involved in this response. His new grant focuses on the role of histamine in activating an increase in blood flow to muscle groups in the legs and elsewhere. Halliwill's long-term goal is to understand more completely the effects of exercise on blood pressure. This may lead to better ways to manage hypertension through physical activity.



### ALUMNUS PROFILE: Christopher A. Briggs

As this issue of *In Vivo* highlights the "Australian connection," it is fitting that one who has contributed greatly to education in Australia, and to the broader scientific community, is recognized as a Distinguished Alumnus of the Department of Human Physiology. Christopher A. Briggs has been a mainstay in the Department of Anatomy and Cell Biology at the University of Melbourne for the past thirty years and is a foremost authority on anatomy teaching and research. He is also an active forensic scientist whose expertise is regularly sought out by national and international communities. Briggs received bachelor of science, master of science and Ph.D. degrees in physical education from the University of Oregon in 1970, 1971, and 1974, respectively. Prior to his appointment at Melbourne in 1975, he had already begun his university teaching career at the University of Oregon where, as an assistant professor, he taught human anatomy and physiology in the biology and physical education departments from 1973 to 1975.

At the University of Melbourne, Briggs serves as deputy head of the Department of Anatomy and Cell Biology and is responsible for the delivery of anatomy instruction to some 1,200 university medical, dental, physiotherapy, and science students annually. He has been at the forefront of developing interactive computer programs for medical education, and one of his many significant achievements in this area has been the development of AN@TOMEDIATM or "A New Approach To Medical Education Developments In Anatomy." This award-winning comprehensive interactive program of anatomy, designed for self-directed learning, is presented from multiple perspectives including dissection, imaging, regional anatomy, and systemic anatomy.

Briggs' research focuses on musculoskeletal structure and function, as well as forensic anthropology, and he has published widely in the anatomical and surgical literature. During the past fourteen years, Briggs' expertise in anatomy has led him increasingly down a parallel career path in forensic medicine. Since 1991 he has served as staff anatomist and consultant in forensic anthropology at the Victorian Institute of Forensic Medicine. He assists in crime scene examinations and investigations of skeletal and otherwise unidentified remains, and in cases of homicide, provides expert evidence in court. Briggs was a consultant forensic anthropologist with the United Nations in East Timor in 2000 and with the Australian Federal Police in Bali in 2001. In 2003 he was an invited member of the International Committee of the Red Cross in relation to the "Missing." He also has participated in the recovery of skeletal remains from archaeological sites in Turkey and Britain. As a forensic scientist, Briggs regularly provides lectures, seminars, and workshops on human skeletal identification to pathologists from the Victorian Institute of Forensic Medicine and to visiting registrars from overseas.

"In the years since I graduated from the University of Oregon and came to Australia, I have had many opportunities to look back on the time I spent in Eugene and appreciate how the American educational system provided a strong and lasting foundation for my professional life," Briggs says. "The system of teaching assistantships and the support of people like doctors Sigerseth and Evonuk, who together gave me my first opportunities in anatomy and exercise physiology, were instrumental in kick-starting my career. The Oregon experience was also rewarding from a personal perspective as I made friendships there that have endured for more than thirty years. I will always be grateful for the many opportunities that the U of O provided and for the vivid memories that will forever draw me back to Oregon."

Briggs currently resides just south of Melbourne, in Sandringham, with his wife Laura and two children, Libby, 17, and Andrew, 14.



### FACULTY PROFILE: Susan Verscheure

Susan Verscheure is the most recent addition to the human physiology faculty, joining the department in fall 2003. A Canadian transplant from Toronto, Ontario, Verscheure began her interests in sports medicine at York University where she completed a bachelor of science degree in 1996 with a certificate in sports therapy. Before arriving in Eugene for graduate studies, she became certified by the Canadian Athletic Therapy Association and the National Athletic Trainers Association (NATA) in the United States. She went on to complete master of science and Ph.D. degrees in exercise and movement science at the UO.

Verscheure is the director of the department's NATA-accredited athletic training master's degree program and also heads the undergraduate human anatomy program. She is a dynamic teacher, and both roles provide her ample opportunity for creativity and student interaction as well as forums for active and collaborative learning. Verscheure's research interests have focused on issues specific to the athletic woman, including biomechanical assessment of different sports bra designs and the effect of estrogen fluctuation on the anterior cruciate ligament. Her work resulted in dissertation awards from the International Society of Biomechanics, the Eugene Evonuk Memorial Graduate Fellowship in environmental and stress physiology, and the Northwest Health Foundation.

Verscheure's passion for teaching is strikingly evident in her students. She has focused on creating a nontraditional classroom environment utilizing active and collaborative learning. As a teacher of human anatomy, she employs problem-solving and case study techniques to emphasize the clinical and practical application of the subject matter.

Since her arrival, Verscheure has restructured the athletic training master's program curriculum to provide an ideal balance between a breadth of knowledge from graduate human physiology course work and advanced knowledge in sports medicine and athletic training. She has recruited several clinicians from the sports medicine community who provide advanced instruction to graduate athletic training students as a complement to course work provided by department faculty members. Verscheure encourages athletic training master's students to pursue their own lines of research and supports them throughout the process.

As the human anatomy program head, Verscheure has given the cadaver lab a much-needed facelift and incorporated computer stations, along with the human cadavers, as an electronic resource. She also has developed a full-term course in cadaver dissection, which has an enrollment of some forty students and includes demonstration and instruction by local surgeons. Her innovative approach to teaching has significantly increased interest in and demand for human anatomy to the extent that more than 250 students are enrolled in each of the fall and winter term courses, which also are simulcast live to students at the UO-Bend campus.

"I am impressed with the commitment the Department of Human Physiology has made towards instructional excellence and the respect and support they have given me as a faculty member," she says. "It is exciting to be the program director of the NATA-accredited athletic training master's program at the University of Oregon where we have a strong history of sports medicine, as well as a community rich with faculty members and clinicians who are interested in contributing to the scholarly development of our clinical master's students."

Verscheure resides in Eugene with her husband Dustin and their son Gabriel.

## UO-Aussie Mates



Peter Harmer  
Ph.D. 1989



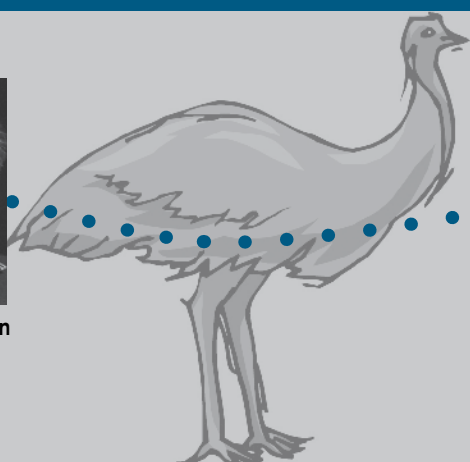
Lars McNaughton  
Ph.D. 1985



Alan Morton  
Ed.D. 1967



Vince Nethery  
Ph.D. 1989



# Weather on Demand!

## Environmental Chamber Research Up and Running

A \$250,000 grant from the U.S. Department of Defense and a generous gift from Dave and Nancy Petrone of San Mateo, California, have resulted in the recent construction and operation of a new environmental chamber in Esslinger Hall. The chamber permits department faculty members to conduct experiments under a broad range of environmental conditions including altitude simulation to 18,000 feet, temperature variations from 14 to 122 degrees Fahrenheit, and change in humidity from 10 to 95 percent.

Although environmental chambers can be found elsewhere, the UO department unit is unique in that temperature, humidity, and oxygen content can be controlled simultaneously. In essence, the chamber allows conditions found in Florida's summer, in Alaska's winter, or at Colorado's mountain peaks to be brought into the laboratory. In less than an hour, all three climates could be experienced.



Graduate students Brenna Lynn and Grant Simmons conduct tests in the department's new environmental chamber.

Human physiology faculty members Christopher Minson and John Halliwill, codirectors of the department's Exercise and Environmental Physiology Laboratories, as well graduate students, will be using the chamber to study cardiovascular and respiratory stresses to climate variation. Studying these systems at rest and during exercise, in controlled environmental conditions, provides insight on how humans adapt to heat, cold, humidity and altitude, particularly when physiological functions may be compromised due to age, fatigue, or disease.

"Physical and mental fatigue may not be commonly perceived as work hazards, but fatigue often is a fundamental cause of accidents and injuries," Minson says.

Halliwill contends that "the environmental chamber at the University of Oregon will assure the next generation of researchers is well versed in both cutting-edge molecular methods and in traditional integrative, exercise, and environmental physiology."



### UNDERGRADUATE STUDENT PROFILE: *Kristen Hanggi*

A love of learning, people, service, and faith summarize the life of Kristen Hanggi, the Department of Human Physiology's featured undergraduate student. Hanggi graduated with a bachelor of science degree in spring 2005 and was counted among the top students at the University of Oregon after being selected as a member of the Phi Beta Kappa "Oregon Six." These select students are recognized for outstanding academic performance and service. To achieve this distinction, a student must have an exceptional academic record that combines extraordinary breadth and excellence in upper-division liberal arts courses with very high grade point averages.

A desire to help others underscores many of Hanggi's accomplishments. She has served as an undergraduate teaching assistant in both biology and human anatomy and was employed as a physical therapy assistant during her senior year. Her interest in athletic injuries and rehabilitation led her to practicum experiences in athletic training in both intercollegiate and high school settings. In addition she has served as an academic tutor at Services for Student Athletes.

Hanggi's Christian faith is also of great importance in her life. "As much as I love learning about the human body, the human soul captivates me more," she comments. As a result, she has been very active in Campus Crusade for Christ, leading Bible studies and mentoring young women. She also has a long-standing interest and love of Spanish language and culture. "This love first took me to Spain a year before high school," she recalls. "I then spent four months of study abroad in Chile. I loved it!" Upon graduation in June, Hanggi immediately embarked on a service mission in the mountain villages of Venezuela.

Hanggi aspires to become a teacher. Her undergraduate accomplishments strongly suggest that her future in such a career will be very bright.



### GRADUATE STUDENT PROFILE: *Tonya Parker*

Tonya Parker graduated with a bachelor of science degree in kinesiology from Texas Christian University in Fort Worth. Her interest in sports medicine led to certification as an athletic trainer. Upon graduation, she worked in a number of athletic training positions before entering the master of science program in athletic training at the University of Oregon in 1988. Coming from the south, "the first months were a bit of a culture shock, but then I found I really liked Oregon," says Parker. During her graduate studies, Parker held GTF appointments in the student health center and in club sports, and completed a master of science degree in 2000 with a 3.78 GPA.

The south beckoned again, and with graduate degree in hand, Parker accepted a university athletic training position in Tennessee. She then continued her graduate studies at Middle Tennessee University but quickly realized that, "if a Ph.D. was my goal, I needed to get back to Oregon and the hard sciences." Parker did just that, and since her admission to the doctoral program in 2002, she has been intensively involved in the department's research project on concussions. She published her first peer-reviewed paper in 2005 and has made numerous presentations of her concussion data at the Centers for Disease Control, American College of Sports Medicine, National Athletic Trainers Association, Gait Society, the International Society of Biomechanics, and other scientific meetings.

"Originally I chose the UO for my master's degree because of the emphasis on graduate level education in athletic training," Parker says. "I wanted to keep learning academically as I continued to improve my clinical skills. I came back for the Ph.D. because of the faculty. I was interested in studying concussions, and coincidentally doctors Li-Shan Chou, Paul van Donkelaar and Louis Osternig had put together the project with the Centers for Disease Control. I had a great teacher in (former student) Mike Hahn in using and understanding the motion analysis system. Each day I work with the concussion project I learn something new and exciting. I know that this information will make a strong contribution to the body of research and the professors here have made that possible."

## FACULTY

**Li-Shan Chou**, Assistant Professor: B.S., Mechanical Engineering, Tatung Institute of Technology, Taiwan; M.S. and Ph.D., Biomechanics, University of Illinois, Chicago. Focus: Biomechanics, at UO since 2000. <http://www.uoregon.edu/~chou/>

**John Halliwill**, Assistant Professor: B.S., Zoology, Ohio State University; Ph.D., Physiology, Medical College of Virginia. Focus: Physiology, at UO since 2002. <http://eeplabs.uoregon.edu/>

**Henriette Heiny**, Director, International Institute for Sport and Human Performance: Diplomsporthlehrer, Physical Education and Sports Sciences, Deutsche Sporthochschule, Köln; M.A., Art History, Universität zu Köln; Ph.D., Art History, University of Oregon. At UO since 1974. <http://www.uoregon.edu/~iishp/>

**Andy Karduna**, Assistant Professor: B.S., Mechanical Engineering, Massachusetts Institute of Technology; M.S., Biomedical Engineering, Johns Hopkins; Ph.D., Biomedical Engineering, University of Pennsylvania. Focus: Biomechanics, at UO since 2002. <http://www.uoregon.edu/~ems/ems1.htm/>

**Gary Klug**, Professor: B.S., Chemistry and Physical Education; M.S., Physical Education, University of Wisconsin-La Crosse; Ph.D., Washington State University, Exercise Physiology. Focus: Physiology, at UO since 1985. <http://www.uoregon.edu/~ems/ems1.htm/>

**Christopher Minson**, Associate Professor: B.S., Psychology, University of Arizona; M.S., Exercise Science, San Diego State University; Ph.D., Exercise Science, Penn State University. Focus: Physiology, at UO since 2000. <http://eeplabs.uoregon.edu/>

**Louis Osternig**, Professor: B.S. and M.S., Physical Education, Cal-State, Hayward; Ph.D., Physical Education, University of Oregon. Focus: Sports Medicine, at UO since 1972. <http://www.uoregon.edu/~ems/ems1.htm/>

**Richard Troxel**, Senior Instructor: B.S. and M.S., Health Education and Physical Education, University of Oregon. Focus: Sports Medicine, at UO since 1976. <http://www.uoregon.edu/~ems/ems1.htm/>

**Paul van Donkelaar**, Associate Professor: B.S. and M.A., Physical Education, University of British Columbia; Ph.D., Clinical Neuroscience, University of Calgary. Focus: Motor Control, at UO since 1997. [http://www.uoregon.edu/~paulvd/lab/eye\\_research.html/](http://www.uoregon.edu/~paulvd/lab/eye_research.html/)

**Susan Dawson Verscheure**, Senior Instructor: B.S., Sports Therapy, York University; M.S. and Ph.D., Exercise and Movement Science, University of Oregon. Focus: Human Anatomy and Athletic Training, at UO since 2003. <http://www.uoregon.edu/~ems/ems1.htm/>

**Marjorie Woollacott**, Professor: B.S., Music; Ph.D., Neurophysiology, University of Southern California. Focus: Motor Control, at Oregon since 1980. <http://www.uoregon.edu/~ems/ems1.htm/>

## UO-Aussie Mates



Peter Rich  
Ph.D. 1977



Dennis Taaffe  
Ph.D. 1989



Margaret Torode  
Ph.D. 1984



Gordon Treble  
D.Ed. 1974



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2004-5 GRADUATING STUDENTS

Bachelor of Science Degree

- Erica Leslie Allie Renton, Washington
Adam Richard Bailey Aloha, Oregon
John Nelson Banks Gresham, Oregon
Nicole Marie Aquilizan Baysa Aiea, Hawaii
Julie Marie Beasley Portland, Oregon
Joshua Ryan Benson Lebanon, Oregon
Sarah Rebecca Berkshire Nome, Alaska
Kyle William Bierman Omaha, Nebraska
Jill Martin Brock Mill Valley, California
Craig Emmet Clifford Lake Oswego, Oregon
Benjamin Forrest Cohen Eugene, Oregon
Leslee Nicole Dinsdale Tigard, Oregon
Zachery Max Fischer Salem, Oregon
Wendy Marie Foster Medford, Oregon
Heather Gallagher Eugene, Oregon
Judy-Ann Guillermo Garcia Waialua, Hawaii
Leah Jessica Golden Portland, Oregon
Allyson Paige Gramson Warrenton, Oregon
Brandy Lynae Great Medford, Oregon
Justine Marie Gross Owatonna, Minnesota
Nathan Clark Guza Bozeman, Montana
Kristen Leigh Hanggi Ketchum, Idaho
Erin Irene Hauck McMinnville, Oregon
Laura Elizabeth Holder Placerville, California
James Edward Holmes Klamath Falls, Oregon
Richard Leo Houdek Cheyenne, Wyoming
Prajakta Jayant Ingle Beaverton, Oregon

- Justin James Keeland Portland, Oregon
Rachel Audrey Lanning Springfield, Oregon
Jeannine Therese Lucas Lake Oswego, Oregon
Jessica Rose Luciano Columbia City, Oregon
Jennifer Lynn Ludwig Eugene, Oregon
Casey Christopher Lee Mason Oregon City, Oregon
Shamim Matin Beaverton, Oregon
Kayla Marie Mellott Bellingham, Washington
Tara Nicole Moomey Beaverton, Oregon
Amanda Marie Moore Eugene, Oregon
Courtney Marguerite Nagle Truckee, California
Kimberly G. Neumann Junction City, Oregon
Krystal Lyn Plotts Mill City, Oregon
Elizabeth Anne Reihl Eugene, Oregon
Jill Norene Robertson Portland, Oregon
Elena Ramirez Rodriguez Dayton, Oregon
David Joseph Rossi Portland, Oregon
Lindsay Marie Rutten Hillsboro, Oregon
Brooke Arden Scharpf Cardiff-by-the-Sea, California
Darryl Schuitevoerder Portland, Oregon
Erica Lauren Secrist Dolores, Colorado
Jessica Nash Shakhnites Boulder, Colorado
Kathryn Leigh Shameklis Lake Oswego, Oregon
Charles Casey Silverman Beijing, China
Rebecca Grace Snyder Lakewood, Washington
Geneen Kim Sparks Eugene, Oregon
Stacey Nicole Stewart Reno, Nevada
Molly Elizabeth Traver Springfield, Oregon
Gregory Michael Tucker Fullerton, California

- Clark Dan Vorm McMinnville, Oregon
Alison Rene Weber Lake Oswego, Oregon
Jessica Lee White Portland, Oregon
Brooke Anne Winger Eugene, Oregon
Rebekah Ruth Yancoskie Milwaukie, Oregon
Alena Marie Zweben Albany, Oregon

Master of Science Degree

- John Steven Barresse Jr. Husum, Washington
Brian Martin Busanich Laurence Harbor, New Jersey
Robert David Catena Twin Falls, Idaho
Jung Hung Chien Taipei, Taiwan
Maggie J. Cooper Winston-Salem, North Carolina
Eric Daniel Cornelius Marcola, Oregon
Jacob Tyler DePew Vandalia, Illinois
Scott Michael Holmes San Diego, California
David Morris Jackson Fort Collins, Colorado
Jesse A. Judy Greenwood, Delaware
Charis S. Robinson Eugene, Oregon
Grant Hannigan Simmons West Linn, Oregon
Rebecca Lee Verkerke Menominee, Michigan

Doctoral Degree

- Jessie Chen Shanghai, China
Shing-Jye Chen Taichung, Taiwan
Strawberry Gatts Yucaipa, California
Dinah Reilly Boise, Idaho
Brett Wong Sierra Madre, California

Australia, cont. from page one

He talked Professor Alan Morton into following him in 1969 and Brian Blanksby, in 1970. All three are still at the UWA.

Bloomfield was the inaugural professor of physical education at the UWA and in Australia. He has written several books and more than 200 research and professional papers. Most recently, he completed a book, Australia's Sporting Success, in 2003. This encapsulates the growth of sport science in the Australian sporting system in which Oregon alumni were heavily involved, and Bloomfield was the architect of that system. In March 2005, the University of Western Australia awarded him an honorary doctor of science degree.

The first person Bloomfield called upon to help develop the program at the UWA was Alan Morton, now professor emeritus, who earned a doctor of education degree from the University of Oregon. Morton initiated the exercise physiology subdiscipline that currently has nine staff members and a full complement of honors and postgraduate students. In addition to Australia, Professor Morton has held appointments at universities in the United States, Canada, and Singapore. He has produced more than 270 publications and has supervised many successful honors, master's and doctoral research thesis students. In 2003, he was awarded the Centenary Medal for service to the development of sports science in Australia.

Brian Blanksby was motivated to attend the University of Oregon following a visit to Melbourne University by Professor Harrison Clarke. He completed a Ph.D. under Peter Sigersteth and Gene Evonuk, and returned to the UWA to teach anatomy and introduce biomechanics. Having had a wonderful relationship with swimmers at the Eugene Y Aquatic Club, he has maintained his involvement with swimming even to the present day. Blanksby has written several books and more than 250 articles, mainly on various aspects of swimming. Currently head of the School of Human Movement and Exercise Science, he has led the school for approximately fifteen of his thirty-five years at the UWA.

The discipline of exercise and movement science is now studied in twenty-three institutions around Australia, and Oregon graduates are now, or have been, the mainstay of academic leaders and staff in most of these. At the risk of offending someone who is omitted, there are Tony Parker and Dale Wood in Queensland; Jeff Miller, the late Percy Russo, Gordon Treble, Jack Cross, Len Dielt, Margaret Torode, Con Poulos, Tom Penrose, and John Butt in New South Wales; Bert Willee, Peter Reichenbach, John and Sue White, and Tony and David Knight in Victoria; Bruce Mason at the Australian Institute of Sport in Canberra; and Don Cross in Tasmania. Apologies to those omitted.

Greetings from the Department Head, cont. from page one

We owe the university public relations staff, particularly Melody Ward-Leslie, our most sincere thanks. Several incoming students have commented that the articles were useful in their decision to seek a human physiology major.

This edition of In Vivo highlights our historical connection with Australia. International students always have been a vital part of the department, making major contributions both to the richness of the "Oregon experience" and to their myriad professions after graduation. The Aussies were well represented at the June 3 alumni reception held at the American College of Sports Medicine national meeting in Nashville. We thank all alumni and friends who attended the reception and acknowledge Gary Moran, Ph.D. '74, and his wife Jodie for their support of that very successful event.

Many Oregon graduates have shared thoughts with us about how important and special the department and university have been in their lives and careers. We are committed to sustaining those sentiments, helping everyone with an Oregon past have the opportunity to reconnect with friends and colleagues, and celebrating the successes of our alumni, current students, and faculty members. We value your feedback on In Vivo and our programs, and thank you for your ongoing support of the Department of Human Physiology. —Gary Klug

UO Alumni Get Together at ACSM Reception in Nashville

A very successful first UO alumni reception was held on Friday evening, June 3, at the 2005 American College of Sports Medicine annual meeting in Nashville, Tennessee. Some sixty alumni, students, faculty members, and friends connected, reconnected, reminisced, and simply had a great time. Alumni from across the United States and abroad, including a large contingency of Aussies, were in attendance and contributed to the wonderful mix of cultures and personalities that has characterized the UO experience.

The department extends a sincere thank you to Gary Moran, Ph.D. '74, and his wife Jodie for their generosity in sponsoring this event. We'll have to do it again! Denver in 2006?



Gary Moran and Jack Wilmore at the ACSM reception.



Kathy Knutzen, Joe Hamill, Steve McCaw and Paul DeVita got together at the ACSM Alumni Reception in Nashville.