



Office of Education, Division of Intramural Research  
National Heart, Lung, and Blood Institute

## October 2004 Fellows Newsletter

From the Director of the Office of Education:

While the Fall is traditionally considered as signaling the approach of the end of the year, it marks the beginning of a year for academic and government researchers. People return from vacation, classes start, and we get back to our daily routine. In the government, October 1 is the beginning of the fiscal year. This is the reason that laboratory budgets get replenished every October 1, and you can begin spending again. Fall also marks the beginning of a new year of activities by the Office of Education, and this is a good time to remind you of what we are doing and planning.

We have planned a full program of Career Development seminars, held on the second Tuesday of each month at Noon in 10/7S235. The first two have already been held, and in November we will have a seminar on "What it takes to be an Academic Clinical Researcher". We have other topics in store for future months, but we welcome your suggestions about future speakers and topics.

The Organizing Committee is going full speed ahead in planning the Fellows Retreat for May of 2005. They are planning a program that is responsive to your needs and to the suggestions made following the last retreat. If you have any further suggestions or are willing to assist with the planning, please let me know.

In this newsletter, we introduce a new column "After Hours". It will highlight some of the activities of NHLBI fellows outside of work. We would like to use this column to for you write up a description of your favorite activity outside the lab for inclusion in the newsletter.

Finally, I want to call your attention to our revamped DIR Office of Education Web Site: <http://dir-intranet.nhlbi.nih.gov/oe.asp> which is filled with information for NHLBI Fellows. Use some of your spare time to visit this web site to learn about the resources available to you at NHLBI and NIH.

### *After Hours: Ultimate Frisbee at the NIH*

By Emily Rothstein

Have you seen a field full of people running around chasing a frisbee in the field next to lot 41 or ever heard of Ultimate Frisbee and wondered what it is all about or just looking for a fun way to exercise and meet new people? I am a post-doctoral fellow in the Laboratory of Cardiac Energetics in the NHLBI at the NIH and Ultimate Frisbee is one of the

things I enjoy after hours at the NIH. I was introduced to the game by someone in my lab when I first arrived at the NIH last year and have been looking forward to each pickup game ever since. It is a great way to meet lots of fun people both in our institute, other institutes and outside of the NIH community and to exercise at the same time. This casual environment is an excellent way to try out a new sport. It is a very social group of people of various ages, experience levels and commitment to the game. I found this group to be a great introduction to Ultimate Frisbee in the Washington, DC metro area and met many

people who also play in the Washington Area Frisbee Club ([www.wafc.org/home.action](http://www.wafc.org/home.action)) throughout the year.

**What :** A pickup game of [Ultimate Frisbee](http://www.ultimatehandbook.com/uh/) where NIHers and some non-NIHERs meet enthusiastically for a couple hours of sport. We play a pretty laidback friendly style of Ultimate Frisbee where the rules are kept to a minimum.

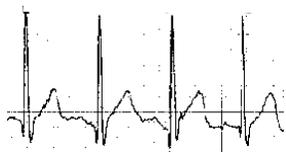
**Who :** Anyone at all. You do not have to have any Ultimate Frisbee experience nor do you have to be affiliated with the [NIH](http://www.nih.gov) to play. If you can run, even slowly like

me, then you can play Ultimate Frisbee. Newcomers are very welcome and it is a great environment to learn to play. Feel free to come out and watch or throw around the frisbee a bit to see if it is something you might enjoy.

**Where :** It is very conveniently located just outside of the fence of the NIH campus in Bethesda MD. Just next to the parking lot 41C.

**When :** We play on Tuesdays and Thursdays at 5:30 PM for as much of the year as there is enough daylight to do so. We also play on Sundays at about 1:00 in the winter when it gets too dark to safely play on week nights.

We are not officially endorsed by the NIH.



## ***Recent Publications by NHLBI Fellows***

**Langenickel TH, Pagel I, Buttgerit J, Tenner K, Lindner M, Dietz R, Willenbrock R, Bader M.** Rat corin gene: molecular cloning and reduced expression in experimental heart failure. *American Journal of Physiology-Heart and Circulatory Physiology* 2004;287:H1516-H1521.

**Pisitkun T, Shen RF, Knepper MA.** Identification and proteomic profiling of exosomes in human urine. *Proceedings of the National Academy of Sciences of the United States of America* 2004;101:13368-13373.

**Susil RC, Camphausen K, Choyke P, McVeigh ER, Gustafson GS, Ning H, Miller RW, Atalar E, Coleman CN, Menard C.** System for prostate brachytherapy and biopsy in a standard 1.5 T MRI scanner. *Magnetic Resonance in Medicine* 2004;52:683-687.

## ***New NHLBI Fellows***



**Dr. Bruce Hopenfeld** is an IRTA Fellow who has joined the Laboratory of Cardiac Energetics under the supervision of Dr. Elliot McVeigh. Dr. Hopenfeld earned his B.S. in Electrical Engineering from the University of California, Los Angeles, CA in 1989. He earned his Ph.D. in Biomedical Engineering from the University of Utah in Salt Lake City, Utah. Dr. Hopenfeld also earned a J.D. from University of Chicago Law School in Chicago, Illinois in 1993, and worked as a Patent Attorney before returning to get his Ph.D. Dr. Hopenfeld is working on the use of MRI and electrical recordings to study mechanical and electrical aspects of arrhythmogenesis in acute and chronic canine infarcts.

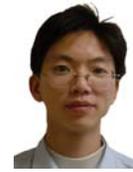


**Dr. Jie Jane Cao** is a Research Fellow who recently joined the Laboratory of Cardiac Energetics under Dr. Andrew Arai. Dr. Cao received her M.D. from Shanghai Medical University in Shanghai, China 1987. She then got her M.A. in Biology at Smith College, Northampton, MA in 1990. She finished her M.Ph at Harvard School of Public Health in Boston, MA in 2000. Dr. Cao is currently working on Cardiac MR to study the cardiac structure function and evidence of myocardial infarction in an elderly Iceland population as part of an epidemiology study from the National Institute of Aging.



**Dr. Marina Lee** is a Postdoctoral Fellow who joined the Laboratory of Developmental Biology under the supervision of Dr. Kenneth Kramer. Dr. Lee earned her B.S. in Biology at Indiana University in Bloomington, Indiana in 1997. She recently completed her Ph.D. in Molecular Biology and Genetics at Johns Hopkins University, School of

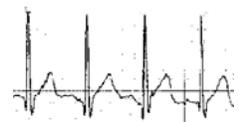
Medicine, Baltimore, Maryland. Dr. Lee is working on the role of proteoglycans in early development.



**Dr. Yong-Gang Yao** recently joined the Hematology Branch under the supervision of Dr. Neal Young as a Visiting Fellow. Dr. Yao earned his B.S. from Anhui University, China in 1997. He then earned his Ph.D. from Kunming Institute of Zoology, Chinese Academy of Sciences, China. Dr. Yao will be working on the mtDNA heterogeneity of human blood cells.



**Dr. Ming-Jiun Yu** is a Visiting Fellow who recently joined the Laboratory of Kidney and Electrolyte Metabolism under the supervision of Dr. Mark Knepper. Dr. Yu graduated from National Taiwan University, Taipei, Taiwan in 1993 with a B.S. in Zoology where he also earned his M.S. in Fishery Biology in 1995. He then completed his Ph.D. in Physiology at Cornell University, Ithaca, New York. Dr. Yu is currently working on water channel trafficking in response to short-term vasopressin stimulation in rat inner medullary collecting ducts.



**Volunteers Needed**  
**The Office of Education**  
**welcomes your participation**  
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