CAMB Holiday Party

Please join us for the CAMB holiday Party:
Dec 13th, 4:00 - 6:00 PM, BRB Lobby

Photos from the 2005 CAMB Symposium

2005 CAMB Symposium Poster Winners:

Congratulations to

Julianne Caviston, a 4th year CAMB - CBP Student
Mike Diem, a 7th year CAMB - MVP Student
Maria Golson, a 4th year CAMB - GGR Student
Yasuhiko Irie, a 5th year CAMB - CBP Student

Admission Season 2006

The 2006 PhD admission weekends will be:

January 19th – 21st
February 9th – 11th
March 2nd – 5th

Faculty - the interview times are: 10-10:30, 10:45-11:15, 2:15-2:45, & 3-3:30.

Please put these dates on your calendar.
The Faculty and Students of CAMB would like to thank the following Sponsors for their support of the 2005 Symposium:

- Applied Biosystems (Tamara Jones)
- B&B Microscopes, Ltd. (Brian Miller)
- Beckman Coulter (Kathy Maclin)
- Cell Signaling Technology (Carrie Brown)
- C&R Lab Equipment (Susan Cassanelli)
- Clontech (Michele Sakach)
- Denville Scientific Products, Inc. (Theresa Ruch)
- Integrated DNA Technologies (Mitchell Gore)
- New England BioLabs, Inc. (Donald Comb)
- Open Biosystems (Laura Sailor)
- Optical Apparatus Co. (Kristen Kelley)
- Perkin Elmer Life Sciences (Stella Ponzo)
- QRP Inc. (Laurie Casselman)

- The Abramson Family Cancer Research Institute
- The Cell and Molecular Biology Training Grant
- The Center for AIDS Research
- The Developmental Biology Training Grant
- The Department of Cell and Developmental Biology
- The Department of Genetics
- The Department of Medicine
- The Department of Microbiology
- Department of Pathology & Laboratory Medicine
- The Department of Physiology
- The Gene Therapy for Cystic Fibrosis & Genetic Diseases Training Grant
- The Immunobiology of Normal and Neoplastic Lymphocytes Training Grant
- The Joseph Stokes Jr. Research Institute

2005 Nachmias/Thimann Award

Congratulations to

Julie Lefebvre
a recent CAMB - DB graduate

She was awarded the 2005 Nachmias/Thimann Award for excellence in graduate research from the Department of Cell & Developmental Biology

Chief of the Division of Rheumatology

Congratulations to

Gary Koretzky
Leonard Jarett Professor of Pathology and Laboratory Medicine

He has been appointed Chief of the Division of Rheumatology at HUP.

Cogan Award

Congratulations to

Joshua Dunaief
Assistant Professor of Ophthalmology

He was awarded the Cogan Award from the Association for Research in Vision and Ophthalmology.

Distinguished Andrologist Award

Congratulations to

Norman Hecht
William Shippen Jr. Professor of Human Reproduction

He is the recipient of the 2006 Distinguished Andrologist Award presented by the American Society of Andrology.


August Graduation

10 CAMB students received PhDs in August

Allison Alcivar
Advisor: Xiaolu Yang
"DEDD; on the Cusp of Life: Modulators of Death Receptor Signaling"

Kshitiz Chaudhary
Advisor: David S. Roos
"Purine transport and salvage in Apicomplexan parasites"

Andrew Gladden
Advisor: J. Alan Diehl
"The Role of Cyclin D1 Nuclear Localization in B Cell Lymphomagenesis"

Phuc Le
Advisor: Klaus Kaestner
"Elucidating Genetic Regulatory Networks With High-Throughput Data".

Julie Lefebvre
Advisor: Michael Granato
"The Neuromuscular Synapse Unplugged: Connecting Motor Axon Guidance & Synapse Formation".

Jillian Licata
Advisor: Ronald Harty
"Determination of the role of viral and host factors in the budding of Ebola virus VP40 virus-like particles."

Kyle Mansfield
Advisor: Celeste Simon
"The role of the mitochondria in cellular oxygen sensing"

Sagi Shapira
Advisor: Christopher A. Hunter
"The NF-kappaB Signaling Pathway: Immunoregulation and Immune Evasion During Toxoplasmosis"

Alejandro Villarino
Advisor: Christopher A. Hunter
"Understanding the anti-inflammatory properties of Interleukin-27 during infection and disease"

Ken Wang
Advisor: Dwight Stambolian
"Genetic and Phenotypic Analysis of TCM, a Mutation Affecting Early Embryonic Eye Development"

Penn Medicine’s 2005 Awards of Excellence

Congratulations to

Steven Albelda
Professor, Pulmonary Division, Department of Medicine
He is the 2005 winner of the Arthur K. Asbury Outstanding Faculty Mentor Award.

Yale E. Goldman
Professor, Dept of Physiology
Director, Pennsylvania Muscle Institute
He is the 2005 winner of the Stanley N. Cohen Biomedical Research Award.

Daniel Rader
Associate Professor, Dept of Medicine
He is the 2005 winner of the William Osler Patient Oriented Research Award.

Institute of Medicine

Congratulations to

Virginia M.-Y. Lee
John H. Ware 3rd Professor in Alzheimer's Research
She was among the 64 researchers and physicians named to the Institute of Medicine (IOM) of the National Academies.

American Academy of Microbiology

Congratulations to

Fevzi Daldal
Professor, Depts of Biology and Biochemistry & Biophysics

Craig Thompson,
Scientific Director of the Abramson Family Cancer Research Institute,

Jeffrey Weiser
Associate Professor, Depts of Microbiology and Pediatrics
They have been elected Fellows in the American Academy of Microbiology (AAM)
## CAMB Spring Courses

<table>
<thead>
<tr>
<th>Class</th>
<th>Instructor(s)</th>
<th>Day: Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOM 555: Control Gene Expression</td>
<td>M. Bartolomei, C. Simon</td>
<td>T &amp; R: 9 - 10:30</td>
</tr>
<tr>
<td>CAMB 510: Immunology</td>
<td>Y. Paterson, C. Hunter, D. Weiner</td>
<td>M, W, F: 9:30 - 12:00</td>
</tr>
<tr>
<td>CAMB 511: Principles of Development</td>
<td>D. Kessler, M. Mullins</td>
<td>T &amp; R: 1:30-3 F, 1:30-2:30</td>
</tr>
<tr>
<td>CAMB 512: Cancer Genetics and Biology</td>
<td>M. Carroll</td>
<td>M, W, F: 1-2:30</td>
</tr>
<tr>
<td>CAMB 518: Current Topics in Ion Channels</td>
<td>C. Deutsch</td>
<td>T &amp; R: 9:30-10:30</td>
</tr>
<tr>
<td>CAMB 534: Current Topics in Genetic Research</td>
<td>K. Kaestner</td>
<td>W: 2-4</td>
</tr>
<tr>
<td>(Animal Models of Disease)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAMB 546: Seminar in Medical Virology: HIV</td>
<td>D. Weissman, R. Collman, U. O'Doherty,</td>
<td>M: 4-6</td>
</tr>
<tr>
<td>Pathogenesis</td>
<td>R. Bushman, L. Montaner</td>
<td></td>
</tr>
<tr>
<td>CAMB 550: Genetic Principles</td>
<td>M. Sundaram</td>
<td>M, W, F: 10 - 11:30</td>
</tr>
<tr>
<td>CAMB 615: Topics in Conformational Disease</td>
<td>Y. Argon, H. Ischiropoulos</td>
<td>R: 1-3</td>
</tr>
<tr>
<td>CAMB 618: Introduction to Viral Pathogenesis</td>
<td>N. Nathanson</td>
<td>R: 4-6p</td>
</tr>
<tr>
<td>and Immunity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAMB 631: Cell Adhesion and the Cytoskeleton</td>
<td>D. Boettiger</td>
<td>W: 12:30 - 4</td>
</tr>
<tr>
<td>CAMB 632: Cell Control by Signal Transduction</td>
<td>X. Hua</td>
<td>T: 11am - 1</td>
</tr>
<tr>
<td>Pathways</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAMB 637: Gene Therapy: Vectors Immunology and</td>
<td>Y. Chen</td>
<td>W: 4:30-6:30</td>
</tr>
<tr>
<td>Disease</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAMB 638: Advanced Seminar in Apoptosis</td>
<td>X. Yang</td>
<td>W: 9am - 11</td>
</tr>
<tr>
<td>CAMB 691: Advanced Topics in Cell Biology &amp;</td>
<td>E. Holzbaur</td>
<td>M,F: 10:30-12</td>
</tr>
<tr>
<td>Physiology I</td>
<td></td>
<td>5 sections please check for</td>
</tr>
<tr>
<td></td>
<td></td>
<td>times</td>
</tr>
<tr>
<td>CAMB 695: Scientific Writing</td>
<td>J. Bergelson, E. Colston</td>
<td>R 2-5</td>
</tr>
<tr>
<td>CAMB 752: Genomics</td>
<td>H. Riethman</td>
<td></td>
</tr>
</tbody>
</table>

CAMB students - please remember to discuss your course choices with your program advisor and to communicate with your coordinator so that she can register you properly.
Recent Papers from Students

Chang YJ, Jiang M, Lubinski JM, King RD, Friedman HM. Implications for herpes simplex virus vaccine strategies based on antibodies produce to herpes simplex virus type 1 glycoprotein gC immune evasion domains. *Vaccine* 2005 23:4658-4665.


Hensley SE, Giles-Davis,W, McCoy, KC, Weninger, W, Ertl, HC. Dendritic cell maturation, but not CD8+ T cell induction, is dependent on type I IFN signaling during vaccination with adenovirus vectors. *Journal of Immunology.* 2005, in press.


Recent Papers from Students cont..


Mansfield, KD, Guzy, RD, Pan, Y, Young, RM, Cash, TP, Schumacker, PT, Simon MC. (2005) Mitochondrial dysfunction resulting from loss of cytochrome c impairs cellular oxygen sensing and hypoxic HIF-a activation. *Cell Metabolism* 1:393-399.


Plasmeyer ML, Soldan SS, Stachelek KM, Martín-García J, and González-Scarano F, California serogroup GC (G1) glycoprotein is the principal determinant of pH-dependent cell fusion and entry. *Virology* 2005 338, 121-132.


Reminder - 1st year PhD Students’ Lab Rotations

Start dates for rotations are:

**2005-2006**
Rotation I: September 26 (no later then October 3rd) - Dec 21st
Rotation II: January 9 - March 24th
Rotation III: March 27 - June 2nd
Pre Dissertation Research (or Rotation IV): June 5th - Aug 19th

### 2005 Fall Semester
- **Sept 12th** (14.5 weeks) **Dec 21st**
  - BIOM 600 -> CAMB 605
- **Oct 3rd - Dec 21st** (11 weeks)
  - Lab Rotation 1

### 2006 Spring Semester
- **Jan 9th** (17 weeks) **May 5th**
  - BIOM 555 -> CAMB program class -> CAMB elective
- **Jan 9th - March 24th** (11 weeks)
  - Lab Rotation 2
- **March 27th** (11 weeks)
  - Lab Rotation 3
- **June 2nd** (11 weeks)
  - Pre Dissertation or Lab Rotation 4

### Developmental Biology Student Sponsored Seminars

**Terry Magnuson**
University of North Carolina Chapel Hill
December 21st, 12:15 pm
JMB Reunion Auditorium
Hosted by - Shawn Little

**Xinhua Lin**
Cincinnati Children's Hospital Med. Ctr.
May 1st, 12:15 pm
JMB Reunion Auditorium
Hosted by - Jennifer Tucker

**Predoctoral Basic Research Award**

Congratulations to

**Nuo Yang**
a recent CAMB - GTV graduate
She was awarded the Predoctoral Basic Research Award from the American Society of Human Genetics

**Marion Dilly and David George Jones Chair in Animal Reproduction**

Congratulations to

**Ina Dobrinski**, Associate Professor of Reproduction
She has been appointed to the Marion Dilly and David George Jones Chair in Animal Reproduction.

**Births**

Congratulations to

**Natalie Terry**, recent CAMB Graduate
On the birth of her son
Oliver Phineas Askin-Terry
(Sep 2005)

Congratulations to

**Lauren Hook**, 6th year CAMB - MVP Student
On the birth of her daughter
Thea Marie Stamoulis
(Jan 2005)

**Future Newsletters**

If you have announcements that you would like to include, please contact Meagan Schofer,
mschofer@mail.med.upenn.edu