The Cell and Molecular Biology Graduate Group
would like to announce
the merger of two programs.

The Paristology Graduate Group will be joining with the Microbiology and Virology Program of CAMB.

The new group will be called the Microbiology Virology and Paristology Program (MVP).

This merger was approved by both the PARA and MV faculty, and the CAMB Executive Committee. The two groups will do admissions as one group this winter and starting, in Fall of 05, the curricula will be joined.

The Gene Therapy Program will be changing its name to Gene Therapy and Vaccines

This graduate program will also have a leadership change. Dr. Dave Weiner will be the assistant program chair, and when Dr. James Wilson steps down next fall Dr. Weiner will be the new chair.

Please see the schedule and description on p2 & p3 for more information.
Schedule of Events for the Retreat

All talks will be in Harrison Auditorium

7:30 – 8:30  Poster Set-up and Vendor Exhibits Set-up (Chinese Rotunda & Upper Egypt)

8:15 – 9:00  Registration (Harrison Auditorium), Breakfast (Upper Egypt), and Posters/Vendor Exhibits open (Chinese Rotunda)

9:00 – 9:05  Dr. Jonathan Raper, Director, CAMB Graduate Group. Opening Remarks

9:05 – 9:40  Dr. Donna George – Genetics and Gene Regulation Program
"p53 Moves to Mitochondria: a Turn on the Path to Apoptosis"

9:40 – 10:00  Tina Franklin-Dumont – Developmental Biology Program
"Regulation of the Number of Mitotic Amplification Divisions during Drosophila Spermatogenesis"

10:00 – 10:20  Kristen A. Lantz – Genetics and Gene Regulation Program
"The Role of Foxa2 in Pancreatic Beta Cells"

10:20 – 11:05  Vendor Exhibits/Posters/Beverage & Snack Break (Chinese Rotunda & Upper Egypt)

11:05 – 11:25  Jason A. Skinner – Microbiology, Virology and Parasitology Program
"Modulation of host immunity by Bordetella resulting in bacterial persistence"

11:25 – 11:45  Fiona Mack – Cell Growth and Cancer Program
"The role of pVHL in Tumorigenesis"

11:45 – 12:20  Dr. Susan R. Ross – Microbiology, Virology and Parasitology Program
"Mouse mammary tumor virus, a "complex" simple retrovirus"

12:30 – 1:45  Vendor Exhibits/Posters/Lunch (Chinese Rotunda & Upper Egypt)

1:45 – 2:05  Beth Holloway – Cell Biology and Physiology Program
"The Zebrafish Maternal Effect Mutant betty boop Fails to Complete Epiboly"

2:05 – 2:25  Ryan Moore – Gene Therapy Program
"The role of apoA-I in atherogenesis"

2:25 – 3:00  Dr. Warren Pear – Cell Growth and Cancer Program
"Notch signaling at the intersection of normal development and cancer"

3:00 – 3:45  Vendor Exhibits/Posters/Beverage & Snack Break (Chinese Rotunda & Upper Egypt)

3:45 – 4:45  Keynote Speaker: Dr. Tyler Jacks
"Modeling Cancer in the Mouse"

4:45 – 5:00  Announcement of Poster Prizes*

5:00 – 6:00  Vendor Exhibits/Posters/Cocktail Reception (Chinese Rotunda & Upper Egypt)

*Student Posters will be judged, and the top posters will receive $100 prizes.
The Annual Retreat/Scientific Symposium is a full day of science and social interaction for CAMB Faculty and Students (Post-Docs from CAMB faculty labs are also invited to attend).

Talks will be presented by faculty from three of the CAMB Programs (it will alternate next year with the other three CAMB programs)...and by six students, one from each program. Our Keynote speaker will be Dr. Tyler Jacks of the Center for Cancer Research at MIT.

All CAMB Students who are thesis level and one year past prelim are expected to present posters, and all other CAMB Students may volunteer to do so. There is a small panel of faculty judges who will award the top posters a $100 prize at the end of the day. There are several times set aside throughout the day when people can look at posters and discuss them with students. (We sincerely apologize, but due to space constraints at the museum, only CAMB Students will be allowed to present posters – no outside or faculty posters.)

There will be a continental breakfast in the morning, a box lunch in the afternoon, and a cocktail reception to end the day, as well as two beverage/snack breaks between speakers.

Some of our supporting vendors will put up display tables among the posters. They provide financial sponsorship for our event, and we encourage all Students, Faculty and Post-Docs to stop and speak with them at some point during the day. We want to be sure to show appreciation of their support.

Please note that you will want to use the Entrance on 33rd Street for Harrison Auditorium (across the street from HUP’s main entrance) to enter the Museum.

---

**Retreat Description**

The 2005 PhD admission weekends will be:

January 20th – 22nd
February 10th – 12th
March 3rd – 5th

Please put these dates on your calendar.

---

**Sponsors of the Retreat**

The Faculty and Students of CAMB would like to thank the following Sponsors for their support of the Retreat:

Applied Biosystems (Geri Esposito & Tamara Jones)
B&B Microscopes (Joseph Snedeker)
BD Biosciences Clontech (Michele Sakach)
Beckman-Coulter (Stephen Wagner & Tony Boova)
BIOMOL International (Mark Engleka)
Bio-Tek Services, Inc. (Parker Carwile)
Denville Scientific Products, Inc. (Theresa Ruch)
Integrated DNA Technologies (Milton Berrios)
Invitrogen Corp. (Michelle Pearson)
MJ Research (Chris Abbott)
Molecular Bioproducts (Jeffrey Stein)
Olympus America, Inc. (Bob De Fleece)
Open Biosystems (Laura Sailor)
Optical Apparatus Co. (Kristen Kelley)
Perkin Elmer Life Sciences (Stella Ponzo)
Phase 3 Imaging Systems (Mark Sobiesk)
QRP Inc. (Laurie Casselman)
Sanyo Scientific (Susan Cassanelli, C&R Lab Equip.)

Also supported in part by the Cell and Molecular Biology Training Grant (T32 GM-07229)
Students who Received PhDs in August

John Bothos
Advisor: Thanos Halazonetis
"Mitotic Checkpoint Proteins: Analysis of CHFR and LATS1"

Chia Chen Chan
Advisor: Gideon Dreyfuss
"eIF4A, a novel component of the exon junction complex"

Karen Cowden Dahl
Advisor: M. Celeste Simon
"The role of the hypoxia inducible factor in placental development and integrin-mediated adhesion"

James Greger
Advisor: Anna Marie Skalka
"Contribution of Host Cell Factors to Early Events in Retroviral Replication"

Fiona Mack
Advisor: M. Celeste Simon
"The Role of pVHL in Early Embryonic Development and Tumorigenesis"

Samuel Murphy
Advisor: Glen Gaulton
"The Molecular Basis for TR1.3 Pathogenesis"

Leisha Nolen
Advisor: Marisa Bartolomei
"The effect of somatic cell nuclear transfer on the stability and regulation of X chromosome inactivation and genomic imprinting"

Patricia Sanchez
Advisor: Michael Malim
"Assessment of the Contributions of VPR Functions in the HIV-1 Replication Cycle"

Jennifer Wu
Advisor: Gary Koretzky
"Roles of Adhesion- and Degranulation-promoting Adapter Protein (ADAP) in Immune Cell Function"

Student Members of the CAMB Executive Committee

Jill Licata started her two year term on the CAMB Executive Committee in August. Kyle Mansfield is in the second year of his term on the committee.

The Donald B. Martin Teaching Service Award

Congratulations to Harvey Friedman, MD, He was recently awarded the Donald B. Martin Teaching Service Award

Susan Heyner Award

Congratulations to Andrew Fedoriw, a CAMB – GGR student. He was recently awarded the Susan Heyner Award for research excellence from the Center for Research on Reproduction and Women’s Health and the Department of Obstetrics and gynecology

Jon Samuel Kanefield Prize for Cystic Fibrosis Research

Congratulations to Ning Chai, a CAMB – MV student. He was recently awarded the Jon Samuel Kanefield Prize for Cystic Fibrosis Research
Recent Papers from Students


Recent Papers from Students cont..


Recent Papers from Students cont..


2004 Founders Distinguished Senior Scholar Award

Congratulations to Virginia M.–Y. Lee, Ph.D., M.B.A.
She was recently awarded the 2004 Founders Distinguished Senior Scholar Award presented by the American Association of University Women Educational Foundation Board of Directors.
CAMB Raiders after they won the 2004 Intramural Summer Softball Rec-Division Championship game.

The members of the team are:

Back row (from Left to Right): Sagar B. Kudchodkar, Kelly Covello, Michele M. Hickey, Jason A. Skinner, Andrew B. Gladden, David Garbe, Yasuhiko Irie
Front Row (from Left to Right): Matt Meitzner, Laura K. Conlin, Earl P. Stoddard III
Not Pictured: Dr. Karen D. Cowden-Dahl, Sheri L. Hanna, and Jessica J. Howell

Developmental Biology Student Sponsored Seminars

Mark Mercola, Ph.D.
The Burnham Institute
November 1st, 12:15 pm
BRB II/III auditorium
Hosted by – Aaron Gitler

Marc Tessier-Lavigne, Ph.D.
Genentech
November 19th, 2:00 pm
CRB auditorium
Hosted by – Aaron Gitler

Lucy Shapiro, Ph.D.
Stanford University School of Medicine
November 29th, 12:15 pm
BRB II/III auditorium
Hosted by – James Walters

Ruth Lehman, Ph.D.
New York University School of Medicine
December 13th, 12:15 pm
BRB II/III auditorium
Hosted by – Yi Kong

Seminars Sponsored by the Training Program in Cell and Molecular Biology

Robert Siliciano
Johns Hopkins University
"New Insights into the Mechanism and Clinical Significance of HIV Latency"
September 16th, 2:30 P.M.,
BRB II/III Auditorium
For more information contact Christine Palmer, cpalmer@mail.med.upenn.edu

Carol Greider
Johns Hopkins University
October 14th, 12:00
Class of 62, JMB
For more information contact Justin Diangelo, diangelo@mail.med.upenn.edu

Future Newsletters

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