

CAMB News from the

Cell and Molecular Biology Graduate Group

The 2006 CAMB Symposium will be
Monday, October 23rd.

The symposium this year will be in the
Annenberg Center.

The keynote speaker will be **Dr. Charles Rice.**



Dr. Rice is the Maurice R. and Corinne P. Greenberg Chair in Virology and Head of the Laboratory for Virology and Infectious Disease at The Rockefeller University. He serves as the Scientific and Executive Director of the Center for the Study of Hepatitis C. Dr. Rice is one of the world's most accomplished virologists and a prominent figure in research

on members of the *Flaviviridae* including hepatitis C virus (HCV). He received his bachelor's degree from University of California Davis in 1974 and earned his Ph.D. from California Institute of Technology in 1981. From 1986-2000, Dr. Rice was a faculty member at Washington University in St. Louis. His research team has helped to understand the biogenesis and structure of HCV-encoded proteins, discovered a highly conserved RNA element at the 3' terminus of HCV genome RNA, and produced the first infectious molecular clone of the virus—an essential tool for future studies on this important human pathogen. His laboratory has recently established efficient genetic systems for studying HCV RNA replication and evaluating antiviral efficacy. Dr. Rice has co-authored over 200 articles in the field of virology, serves as a reviewer for numerous journals, is an editor of *Journal of Virology* and *Journal of Experimental Medicine*, and is a past President of the American Society for Virology. (** from the Rockefeller University website)

The CAMB Annual Symposium is a full day (8:30–6:00) of science and social interaction for CAMB faculty and students. Talks will be presented by three faculty and six students, as well as the keynote speaker.

All thesis level students are expected to present posters, and all other CAMB students may volunteer to do so. A panel of faculty judges will award \$100 prizes to the top posters at the end of the day.

Please join
us for the

**CAMB Summer
Picnic,**

**June 22nd,
4:00—6:00,
Under Goddard Labs
(off Hamilton Walk).**

National Science Foundation

Congratulations to
Tishina Okegbe,
an incoming
CAMB - GGR student.
She was recently awarded
a National Science
Foundation
Graduate Fellowship.



Recent PhD graduate Julie Lefebvre with her
advisor Michael Granato

The CAMB office would like to thank everyone involved this season for their hard work, especially the student leaders:

Kim Schoenly, Kate Nestor, Christine Reid, Lisa Chang, Beth Burke, and Areilla Blejer

The 2007 admission weekends will be:

January 18th – 20th

February 8th – 10th

March 1st – 3rd

Please put these dates on your calendar.

Admission Season 2006

Please join us in welcoming the 45 CAMB PhD students who will matriculate in 2006

Ishmail John Abdus-Saboor
North Carolina A&T Univ

Jessica Ardis
Rutgers University

Christie Bell
Temple University

George Buchlis
Cornell University

James Casey
Boston College

Kara Coleman
College of William and Mary

Ankur Dalia
Rutgers University, Cook

Kimberly Davis
University of Michigan

Lauren Davis
Oklahoma State Univ

Samantha Eberle
Penn State University

Jacqueline Ellis
University of Virginia

Sarah Fintushel
University of Michigan

Sarah Galanti
Washington University

Christopher Garsky
Temple University

Lili Guo
Wuhan University

Dustin Hancks
Southern Illinois University

Mark Hensley
University of Denver

Natalie Hutnick
Penn State University

Derek Johnson
Penn State University

Jamie Laird
Penn State University

Charles Lemkon
Lafayette College

Erika Lin-Hendel
Univ Calif Berkeley

Wenyu Luo
Tsinghua University

Zofeyah Mcbrayer
University of Minnesota

Ashley Mentlik
Univ of Maryland Baltimore

Mayumi Miller
Johns Hopkins

Sarah Muse
Lehigh University

Michael O'Donnell
Drexel University

Tishina Okegbe
Dillard University

Alexandra Ortiz
University of Virginia

Tatyana Panchenko
Polytechnic Univ NY

Nadeene Riddick
Cornell University

Leah Sabin
Washington University

Andrew Segan
Lafayette College

Jacqueline Simonet
Swarthmore College

Catie Small
American University

Jessica Taaffe
Duke University

Becky Tatman
Univ of Maryland College Park

Rebeca Tenney
Columbia University

Monica Teta
Penn State University

Austin Thiel
Penn State University

Alexander Valvezan
Univ of Delaware

Jamie Weaver
Brown University

Christopher Weber
Penn State University

Yiwei Zong
Nanjing University

December Graduation

18 CAMB students received PhDs in December 2005.

Jennifer Bandura

Advisor: Brian Calvi

"humpty dumpty defines a new gene family required for S phase"

Bradford Berges

Advisor: Nigel Fraser

"Gene Transfer to the Brain with a Herpes Simplex Virus Type 1 vector"

Ning Chai

Advisor: Paul Bates

"Identification of a receptor for an avian retrovirus and characterization of a novel gene therapy vector"



Jinling Wu and her advisor Peter Klein

Maria Chen

Advisor: Francisco Gonzalez-Scarano

"Compartmentalization and variation of envelope gp160 from various brain regions of SIVmac239-infected macaques"

Jessica Dworet

Advisor: Judy Meinkoth

"The role of CREB in thyroid cell survival"

Brian Karolewski

Advisor: John Wolfe

"Studies on in utero gene therapy with AAV viral vectors in an inherited lysosomal storage disease animal model"

Todd MacFarlan

Advisor: Debu Chakravarti

"Identification and Initial Characterization Of Thanatos Associated Protein 7 (THAP7), A Putative Transcriptional Repressor"

Katherine MacNamara

Advisor: Susan Weiss

"The Role of CD8+ T Cells in the Pathogenesis of a Neurovirulent Murine Coronavirus"

Marc Meulener

Advisor: Nancy Bonini

"Functional and Biochemical Study of Parkinson's Disease Protein DJ-1: DJ-1 in Disease and Aging in Drosophila"

Sommer Miller

Advisor: Charles Clevenger

"Determination of a Dose-Specific Growth Arrest in Response to Ras Activation in Vivo"

Erika Pearce

Advisor: Hao Shen

"Generation of CD8 T Cell Memory is Regulated by Interleukin-12"

Matthew Plassmeyer

Advisor: Francisco Gonzalez-Scarano

"California Serogroup Viruses: GC Mediated Fusion and Entry"

Joel Stein

Advisor: Ted Abel

"Behavioral and Neurochemical Alterations in Mice Lacking Testis-Brain RNA-Binding Protein"

Amy Troy

Advisor: Hao Shen

"The role of type I IFN in the T cell response to Listeria monocytogenes"

Monica Venere

Advisor: Thanos Halazonetis

"Responding to DNA damage: Recruitment and activation of ATM and ATR"

Jinling Wu

Advisor: Peter Klein

"Transmembrane Signaling in the Regulation of Neural Crest and Eye Development"



Jennifer Fiori and Kate MacNamara

Nuo Yang

Advisor: Haig Kazazian

"Transcriptional Activation and Post-Transcriptional Suppression of Human LINE-1 Retrotransposon"

Thomas Yang

Advisor: Lewis Chodosh

"The AMPK-family kinase, Hunk, is required for tumorigenesis and metastasis"

May Graduation

18 CAMB students received PhDs in May 2006.

Farhad Abtahian

Advisor: Gary Koretzky

"Regulation of Blood and Lymphatic Vascular Separation by Syk and SLP-76"

Mark Biscone

Advisor: Robert Doms

"Pushing the Envelope; Engineering HIV-1 Env for structure/function and vaccine studies"

Collin Blakely

Advisor: Lewis Chodosh

"Developmental Events Influence Breast Cancer Risk: Insights from MYC, Stat5 and Pregnancy"

Kelly Covello

Advisor: M. Celeste Simon

"Identification of Unique HIF- α Function in Tumorigenesis and Development"

Carl Davis

Advisor: Robert Doms

"Interactions between West Nile virus and the C-type lectins DC-SIGN and DC-SIGNR."

Michael Diem

Advisor: Gideon Dreyfuss

"Protein Interactions among the Components of the Exon Junction Complex"



Danielle Murphy and Amy Troy

Jennifer Fiori

Advisor: Eileen Shore

"Bone Morphogenetic Protein Signaling Pathways in Fibrodysplasia Ossificans Progressiva"

Joanna Jang

Advisor: Lewis Chodosh

"The Contribution of Ras to MYC and Wnt-induced Tumor Progression"

Yun Li

Advisor: Mitchell Lazar

"A Novel Histone Deacetylase Complex Regulates Mitosis by Modulating Aurora B Kinase Activity"

Danielle Murphy

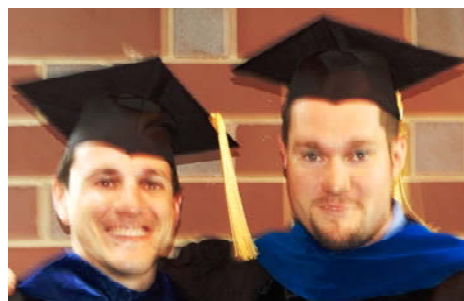
Advisor: William Lee

"Endothelial cell signaling in normal and malignant tissues"

Aaron Nelson

Advisor: Jeffrey Weiser

"Local mucosal responses to bacterial colonization"



Mike Diem and Mark Biscone

Lauren O'Donnell

Advisor: Dennis Kolson

"HIV-Induced Neurotoxicity: Determinants of Developmental and Regional Neuronal Susceptibility and Potential Neuroprotective Strategies"

Sarah Robertson

Advisor: Margaret Chou

"Erk Signaling Regulates Clathrin Independent Endosomal Trafficking"

Deepak Sampathu

Advisor: Virginia Lee

"Biochemical Studies of Pathological Inclusions in α -Synucleinopathies and Frontotemporal Lobar Degeneration with Ubiquitin-positive Inclusions"

Glen Seidner

Advisor: Mark Fortini

"Modeling Clinically Heterogeneous Alzheimers Disease-Linked Presenilin Mutations With Transgenic Drosophila"

David Stachura

Advisor: Mitchell Weiss

"The role of transcription factor GATA-1 in erythromegakaryocytic differentiation."

Christopher Vakoc

Advisor: Gerd Blobel

"Chromatin Loops and Methylated Histones Associated with Gene Activation"

Yanfeng Wang

Advisor: Peter Klein

"Signaling Mechanism and Regulation Of Frizzled"

CAMB Fall Courses

Class	Instructor (s)	Day: Time
BIOM 600: Cell Biology and Biochemistry	M. Ostap	M, W, F: 10:30 - 12:00
CAMB 518: Current Topics in Ion Channels	C. Deutsch, F. Horrigan	TBD
CAMB 530: Seminar in Cell Growth and Cancer	A. Diehl, S. McMahon, R. Assoian	TBD
CAMB 532: Integrative Physiology	M. Pring	T, W, F: 2:30 - 4
CAMB 542-401: Topics in Molecular Medicine - (MD / PhD only)	M. Kahn	W: 3:30 - 5:30
CAMB 542-402: Topics in Molecular Medicine - (VMD/PhD, PhD, and MD/PhD)	M. Atchison	W: 5 - 7
CAMB 590: Topics in Microbiology, Virology and Parasitology	P. Bates, E. Pearce, A. Decatur	T, R: 10 - 11:30
CAMB 597: Developmental Neuroscience	M. Granato	W, F: 11 - 12:30
CAMB 601: Advanced Virology Seminar	R. Harty	TBD
CAMB 605: First Year Seminar	D. Epstein	T: 1 - 4
CAMB 608: Regulation of Eukaryotic Gene Expression	T. Kadesch, K. Zaret	T: 3 - 5
CAMB 609: Vaccines & Immune Therapeutics	D. Weiner, P. Offit	W, R: 3:30-5:30
CAMB 610: Molecular Basis of Gene Therapy	J. Wilson, J. Glick	M, W, F: 9 - 10
CAMB 617: Emerging Infectious Diseases	H. Shen	M, W, F: 10 - 11
CAMB 620: Molecular Mechanisms of Development	S. DiNardo	T: 10 - 12
CAMB 630: Topics in Human Genetics and Disease	N. Spinner, T. Rebbeck R. Nicholls, T. Shaikh	R: 1:30, 3:30

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.

Saul Winegrad Awards for Outstanding Dissertation

Congratulations to:

Kelly Covello
Advisor: M. Celeste Simon

Julie Lefebvre
Advisor: Michael Granato

Christopher Vakoc
Advisor: Gerd Blobel

Alejandro Villarino
Advisor: Chris Hunter

Recent Papers from Students

- Azam, M, Lee, JY, Abraham, V, [Chanoux](#), [Schoenly, K](#), Johnson, FB. Evidence that the *S. cerevisiae* Sgs1 protein facilitates recombinational repair of telomeres during senescence." *Nucleic Acids Res.* 2006 **34**:506-516.
- [Babushok DV](#), Ostertag EM, Courtney CE, Choi JM, Kazazian HH, Jr. L1 integration in a transgenic mouse model *Genome Res.* 2006 **16**: 240-250.
- Bonaccorso, FJ, Winkelmann, JR, Shin, D, [Agrawal, CI](#), Aslami, N, Bonne, C., Hsu, A., Jekielek, PE, Knox, AK, Kopach, SJ, Jennings, TD, Lasky, JR, Menesale, SA, Richards, JH, Rutland, JA, Sessa, AK, Zhaurova, L, Kunz, TH. Evidence for Exploitative Competition: Comparative Foraging Behavior and Roosting Ecology of Short-tailed Fruit Bats (Phyllostomidae). *Biotropica.* 2006, in press.
- [Chai N](#), Bates P. Na⁺/H⁺ exchanger type 1 is a receptor for pathogenic subgroup J avian leukosis virus. *Proc. Natl. Acad. Sci. USA.* 2006 **103**:5531-5536.
- 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**:4658-4365.
- Connors, SA, [Tucker, JA](#) and Mullins, M.C. Temporal and spatial action of Tolloid (Mini fin) and Chordin to pattern tail tissues, *Dev. Biol.* 2006, in press.
- [Covello KL](#), [Kehler J](#), Yu H, [Gordan JD](#), Arsham AM, Hu CJ, Labosky PA, Simon MC, Keith B. HIF-2 α regulates Oct-4: effects of hypoxia on stem cell function, embryonic development, and tumor growth. *Genes Dev.* 2006 **20**:557-570.
- [Dahl, KDC](#), Fryer, BH, [Mack, FA](#), Compernelle, V, Maltepe, E, Adelman, DM, Carmeliet, P, . Simon, MC. Hypoxia-Inducible Factors 1 \pm and 2 \pm regulate trophoblast differentiation. *Mol. Cell. Biol.* 2005 **25**:10479-10491.
- Enders, G.H. and [Maude, S.L.](#) Traffic safety for the cell: influence of cyclin-dependent kinase activity on genomic stability. *Gene* 2006 **371**:1-6.
- [Fiori, JL](#), Billings, PC, de la Pena, LS, Kaplan, FS, and Shore, EM. Dysregulation of the BMP-p38 MAPK Signaling Pathway in Cells from Patients with Fibrodysplasia Ossificans Progressiva (FOP). *J. Bone Miner. Res.* 2006, in press.
- Furth EE, [Dahl K](#), Gustafson KS, [Dai CY](#), [Gibson SL](#), Menard-Katcher P, Chen T, Koh J, Enders GH. Induction of p16Ink4a within regenerative epithelial crypts in ulcerative colitis. *Neoplasia* 2006, in press.
- [Gibson, SL](#), Boquoi, A, Chen, T, Sharpless, NE, Brensigner, C, and Enders, GH. p16Ink4a inhibits histologic progression and angiogenic signaling in Min colon tumors. *Cancer Biology and Therapy* 2005 **4**:1389-1395.
- Hovhannisyan RH, [Warzecha CC](#), Carstens RP. Characterization of sequences and mechanisms through which ISE/ISS-3 regulates FGFR2 splicing. *Nucleic Acids Res.* 2006 **34**:373-385.
- [Hook LM](#), Lubinski JM, Jiang M, Pankburn MK, Friedman HM. Herpes simplex virus type 1 and 2 glycoprotein C prevents complement-mediated neutralization induced by natural IgM antibody. *J. Virol.* 2006, in press.
- Hu, C J, Iyer, S, Sataur, A, [Covello, KL](#), Chodosh, LA, and Simon, MC. Differential regulation of the transcriptional activities of hypoxia-inducible factor 1 \pm (HIF-1 \pm) and HIF-2 \pm in stem cells. *Mol. Cell. Biol.* 2006, in press.
- [Keiser, NW](#), Tang, W, Wei, Z, Bennett, J. Spatial and Temporal Expression Patterns of the Choroideremia Gene in the Mouse Retina. *Mol. Vis.* 2005 **11**:1052-1060.
- Leskow, FC, [Holloway, BA](#), Wang, HB., Mullins, MC, and Kazanietz, MG. The zebrafish homologue of mammalian chimaerin Rac-GAPs is implicated in epiboly progression during development. *Proc. Natl. Acad. Sci. USA.* 2006, in press.
- [Levy, JR](#), Sumner, CJ, [Caviston, JP](#), Tokito, MK, Ranganathan, S, Ligon, LA, Wallace, KE, LaMonte, BH, Harmon, G, Puls, I, Fischbeck, KH, Holzbaur, ELF. A G59S Mutation That Causes Motor Neuron Degeneration Induces Loss of Function and Protein Aggregation. *J. Cell Biol.* 2006 **172**:733-745.

Recent Papers from Students cont..

- Levy, JR, Holzbaaur, ELF. Cytoplasmic dynein/dynactin function and dysfunction in motor neurons. *Int. J. Dev.l Neuroscience* 2006 **24**:103-111.
- Liu, L, Cash, TP, Jones, RG, Keith, B, Thompson, CB, and Simon, MC. Hypoxia induced energy stress regulates mRNA translation and cell growth. *Molecular Cell* 2006 **21**:521-531.
- Liu, Z, Hsiao, A, Joelsson, A, Zhu, J. A transcriptional regulator VqmA increases the expression of the quorum sensing activator HapR in *Vibrio cholerae*. *J. Bacteriol.* 2006 **188**:2146-2153.
- Wang F, Tang W, McGraw HM, Bennett J, Enquist LW, Friedman HM. Herpes simplex virus type 1 glycoprotein E is required for axonal localization of capsid, tegument and membrane glycoproteins. *J. Virol.* 2005 **79**:13362-13372.
- Massey HC, Castelletto M, Bhopale VM, Schad G, Lok JB. Sst-tgh-1 from *Strongyloides stercoralis* encodes a proposed ortholog of daf-7 in *Caenorhabditis elegans*. *Mol. Biochem. Parasitol.* 2005 **142**:116-120.
- Massey HC, Bhopale MK, Li X, Castelletto M, Lok JB. The fork head transcription factor FKTF-1b from *Strongyloides stercoralis* restores DAF-16 developmental function to mutant *Caenorhabditis elegans*. *Int. J. Parasitol.* 2006 **36**:347-352.
- Nathan D, Ingvarsdottir K, Sterner DE, Bylebyl GR, Dokmanovic M, Dorsey JA, Whelan KA, Krsmanovic M, Lane WS, Meluh PB, Johnson ES, Berger SL. Histone sumoylation is a negative regulator in *Saccharomyces cerevisiae* and shows dynamic interplay with positive-acting histone modifications. *Genes Dev.* 2006 **20**:966-976.
- Newman EA, Muh SJ, Hovhannisyan RH, Warzecha CC, Jones RB, McKeenan WL, Carstens RP. Identification of RNA-binding proteins that regulate FGFR2 splicing through the use of sensitive and specific dual color fluorescence minigene assays. *RNA* 2006, in press.
- Olsen AL, Stachura DL, Weiss MJ. Designer blood: creating hematopoietic lineages from embryonic stem cells. *Blood* 2006 **107**: 1265-1275.
- Patel JH, McMahan SB. Targeting of MIZ-1 is essential for MYC-mediated apoptosis. *J. Biol. Chem.* 2006 **281**:3283-3289
- Johnson, RF, McCarthy, SE, Godlewski, PJ, Harty, RN. Ebola virus VP35-VP40 interaction is sufficient for packaging the 3E-5E minigenome RNA into virus-like particles. *J. Virol.* 2006, in press.
- Robertson, SE, Gangi Setty, SR., Sitaram, A, Marks, MS, Lewis, RE, and Chou, MM. Erk signaling regulates clathrin-independent endosomal trafficking. *Mol. Biol. Cell* 2006 **17**:645-657.
- Simmons G, Gosalia DN, Rennekamp AJ, Reeves JD, Diamond SL, Bates P. Inhibitors of cathepsin L prevent severe acute respiratory syndrome coronavirus entry. *Proc. Natl. Acad. Sci. USA.* 2005 **102**:11876-11881.
- Sekiguchi, D, Yunk, L, Gary, D, Charan, D, Srivastava, B, Allman, D, Weigert, M and Luning Prak, E. Development and Selection of Edited B cells in B6.56R Mice. *J. Immunol.* 2006, in press.
- Stachura DL, Chou ST and Weiss MJ: An early block to erythro-megakaryocytic development conferred by loss of transcription factor GATA-1. *Blood* 2006 **107**:87-97.
- Tang, N, Mack, FA, Haase, V, Simon, MC, Johnson, RS. pVHL function is essential for endothelial extracellular matrix deposition. *Mol. Cell. Biol.* 2006, in press.
- Walters, JP, Muñoz, CX, Paaby, AB, DiNardo, S. Serrate-Notch signaling defines the scope of the initial denticle field by modulating EGFR activation". *Dev. Biol.* 2005 **286**:415-426.
- Yanfeng, WA, Tan, C, Fagan, RJ, and PS Klein. Phosphorylation of Frizzled-3. *J. Biol. Chem.* 2006, in press.
- Yin, L., Wang, J., Klein, P.S., Lazar, M.A. Nuclear receptor Rev-erb alpha is a critical lithium-sensitive component of the circadian clock. *Science* 2006 **311**:1002-1005.
- Zhang, X, DeSalle LM, Patel, JH, Capobianco, AJ, Yu, D, Thomas-Tikhonenko, A, McMahan, SB. Metastasis-associated protein 1 (MTA1) is an essential downstream effector of the c-MYC oncoprotein. *Proc. Natl. Acad. Sci. USA.* 2005 **102**: 13968-13973.

Student Members of the CAMB Executive Committee

We want to thank Lisa Chang for her work on the CAMB Executive committee. Her input has been greatly appreciated. Her one year term is almost up, so we are looking for a new student representative.

To volunteer, you should have passed or be about to pass your prelim and plan to be here approximately two more years. An ideal candidate would be a rising 3rd or 4th year student.

The committee meets once a month, usually on the third Monday of the month. If you are interested in serving as a student representative to the committee please contact Meagan Schofer at mschofer@mail.med.upenn.edu

Society for Women's Health Research Medtronics Prize

Congratulations to
Marisa Bartolomei,
Associate Professor of
Cell & Developmental Biology
and Genetics.

She received the Society for
Women's Health Research
Medtronics Prize for
Contributions to Women's Health .

Dean's Award for Mentorship of Undergraduate Teaching

Congratulations to
Ted Abel,
Associate Professor of Biology.

He is a winner of the 2006
Dean's Award for Mentorship of
Undergraduate Teaching.

Medical Student Government Teaching Awards

Congratulations to
Helen Conrad Davis,
Professor of Microbiology.

She received the MSG Teaching
Award in Basic Science.
This is the 16th time she has
received this award.

Dean's Award for Excellence in Graduate Student Training

Congratulations to
Mike Ostap,
Associate Professor of Physiology.
He is a winner of the 2006 Dean's
Award for Excellence in Graduate
Student Training.

Keck Futures Initiative Grant

Congratulations to
Frederic Bushman,
Professor of Microbiology.

He received a
Keck Futures Grant
for Dynamics of the
Human Intestinal Flora in
Health and Disease .

American Federation for Medical Research

Congratulations to
Jonathan Epstein,
Professor of Medicine and
Chair of Cell and
Developmental Biology.
He is a winner of the 2006 Out-
standing Investigator Award from
the American Federation for
Medical Research (AFMR).

NIDDK Advisory Council

Congratulations to **Mitchell Lazar**,
Sylvan H. Eisman Professor of Medicine.

He has been appointed to the Advisory Council for the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK).

**Senator Paul D. Wellstone
Muscular Dystrophy
Cooperative Research Centers**

Congratulations to

Lee Sweeney,
Chair of Physiology.

He has been appointed Chair of one of only six Senator Paul D. Wellstone Muscular Dystrophy Cooperative Research Centers.



Gene Therapy and Vaccines Student Ski Trip

**Veterinary Medicine's
Associate Dean for Research**

Congratulations to

Phil Scott,
Professor of Immunology and Chair
Department of Pathobiology.

He has been appointed the new Associate Dean for Research of the School of Veterinary Medicine.

**The Lenore Rowe
Williams Award**

Congratulations to

Roselyn Eisenberg,
Professor of Microbiology.

She is a winner of a Lenore Rowe Williams Award. It is given to a distinguished female scholar/leader whose contributions extend within and beyond the campus.



Congratulations to

Daniel Rader,
Associate Professor of Medicine.

He has been selected to direct a "Freedom to Discover" Unrestricted Biomedical Research Grant, which was awarded to Penn by Bristol-Myers Squibb

He also received the Jeffrey M. Hoeg Arteriosclerosis, Thrombosis and Vascular Biology Award for Basic Science and Clinical Research from the American Heart Association.

Future Newsletters

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