

## MBIDP SUGGESTED NON-CORE FACULTY – 2007-08

The following are **SUGGESTED FACULTY** only. Any UCLA faculty in the sciences with a ladder faculty rank of Professor, Associate Professor or Assistant Professor, may potentially serve as a non-core committee member (those with Adjunct designation are ineligible, but may serve as an additional sixth committee member). If you have any questions about a professor's eligibility, please contact the MBIDP graduate office.

Tenured = Professor or Associate Professor

Faculty Member/Rank/Dept.	Contact Information	Research
<a href="#">Berliner, Judith</a> , Professor Path & Lab Medicine	Office Phone: (82)5-2436 <a href="mailto:jberliner@mednet.ucla.edu">jberliner@mednet.ucla.edu</a>	Regulation of Monocyte Endothelial Interactions
<a href="#">Bhat, Suraj</a> , Associate Professor JSEI-Ophthalmology	Office Phone: (82)5-9543 <a href="mailto:bhat@jsei.ucla.edu">bhat@jsei.ucla.edu</a>	Molecular Genetics of the Development of the Vertebrate Visual System
<a href="#">Boulter, James R.</a> , Prof. in Rsdn Psych & Biobehav Sci	Office Phone: (20)6-6665 <a href="mailto:jboulter@ucla.edu">jboulter@ucla.edu</a>	Molecular Neurobiology
<a href="#">Bradley, Kenneth A.</a> , Assist. Professor MIMG	Office Phone: (20)6-7465 <a href="mailto:kbradley@microbio.ucla.edu">kbradley@microbio.ucla.edu</a>	Anthrax Toxin
<a href="#">Brunk, Clifford F.</a> , Professor MCD Biology	Office Phone: (82)5-3114 <a href="mailto:cbrunk@ucla.edu">cbrunk@ucla.edu</a>	Molecular biological approaches to the study of evolution
<a href="#">Chen, Irvin S.Y.</a> , Professor MIMG/Medicine	Office Phone: (82)5-4793 <a href="mailto:syuchen@mednet.ucla.edu">syuchen@mednet.ucla.edu</a>	AIDS & cancer causes and therapy, viruses, gene therapy
<a href="#">Chesselet, Marie-Francois</a> , Professor Med/Neurology	Office Phone : (26)7-1781 <a href="mailto:mchesselet@mednet.ucla.edu">mchesselet@mednet.ucla.edu</a>	Molecular mechanisms of neurodegenerative diseases
<a href="#">Chow, Samson A.</a> , Professor Mol & Med Pharmacology	Office Phone: (82)5-9600 <a href="mailto:schow@mednet.ucla.edu">schow@mednet.ucla.edu</a>	Molecular mechanisms of retroviral DNA integration
<a href="#">Clubb, Robert T.</a> , Associate Professor Chem & Biochem	Office Phone: (20)6-2334 <a href="mailto:rclubb@mbi.ucla.edu">rclubb@mbi.ucla.edu</a>	Macromolecular Recognition, Structural Biology
<a href="#">Colicelli, John</a> , Professor Biological Chemistry	Office Phone: (82)5-5272 <a href="mailto:colicelli@mednet.ucla.edu">colicelli@mednet.ucla.edu</a>	Signal Transduction in Cancer and Neurobiology
<a href="#">Crosbie, Rachelle H.</a> , Asso. Professor Physiological Science	Office Phone: (79)4-2103 <a href="mailto:rcrosbie@physci.ucla.edu">rcrosbie@physci.ucla.edu</a>	Molecular Basis of Muscle Function and Muscular Dystrophy
<a href="#">Dasgupta, Asim</a> , Professor MIMG	Office Phone: (20)6-8649 <a href="mailto:dasgupta@ucla.edu">dasgupta@ucla.edu</a>	Molecular Biology of Small Mammalian RNA Viruses
<a href="#">DeRobertis, Edward M.</a> , Professor Biological Chemistry	Office Phone: (20)6-1463 <a href="mailto:ederobertis@mednet.ucla.edu">ederobertis@mednet.ucla.edu</a>	Molecular Biology of Development in Mice and Frogs
<a href="#">Edwards, Peter</a> , Professor Biological Chemistry	Office Phone: (20)6-3717 <a href="mailto:pedwards@mednet.ucla.edu">pedwards@mednet.ucla.edu</a>	Transcription and Signaling by Cholesterol and Bile Acids
<a href="#">Effros, Rita B.</a> , Professor Path & Lab Medicine	Office Phone: (82)5-0748 <a href="mailto:reffros@mednet.ucla.edu">reffros@mednet.ucla.edu</a>	Immune deficiency of aging and AIDS
<a href="#">Eiserling, Frederick A.</a> , Professor MIMG	Office Phone: (82)5-4959 <a href="mailto:frede@ucla.edu">frede@ucla.edu</a>	Structural studies of virus assembly
<a href="#">Feldman, Lawrence T.</a> , Professor MIMG	Office Phone: (20)6-1014 <a href="mailto:lfeldman@mednet.ucla.edu">lfeldman@mednet.ucla.edu</a>	Molecular Aspects of Herpes Virus Infection
<a href="#">Fessler, John H.</a> , Professor MCD Biology	Office Phone: (82)5-4267 <a href="mailto:fessler@mbi.ucla.edu">fessler@mbi.ucla.edu</a>	Drosophila and Mouse Molecular Development, ECM structure
<a href="#">Fox, C. Fred</a> , Professor MIMG	Office Phone: (82)5-1550 <a href="mailto:fredfox@microbio.ucla.edu">fredfox@microbio.ucla.edu</a>	Cell membrane issues

Faculty Member/Rank/Dept.	Contact Information	Research
<a href="#">Freimer, Nelson B.</a> , Professor Psych & Biobehav Sci.	Office Phone: (79)4-9571 <a href="mailto:nfreimer@mednet.ucla.edu">nfreimer@mednet.ucla.edu</a>	Identifying the genetic basis of neurobehavioral traits
<a href="#">Gatti, Richard A.</a> , Professor Path & Lab Medicine	Office Phone: (82)5-7618 <a href="mailto:rgatti@mednet.ucla.edu">rgatti@mednet.ucla.edu</a>	Molecular Genetics of Ataxia-Telangiectasia
<a href="#">Gober, James W.</a> , Professor Chem & Biochem	Office Phone: (20)6-9449 <a href="mailto:gober@chem.ucla.edu">gober@chem.ucla.edu</a>	Generation of Asymmetry During Microbial Development
<a href="#">Goldberg, Robert B.</a> , Professor MCD Biology	Office Phone: (82)5-9093 <a href="mailto:bobg@ucla.edu">bobg@ucla.edu</a>	Molecular and Genetic Dissection of Plant Development
<a href="#">Guo, Feng</a> , Assistant Professor Biological Chemistry	Office Phone: (20)6-4576 <a href="mailto:fguo@mbi.ucla.edu">fguo@mbi.ucla.edu</a>	Structure and function of non-coding RNAs
<a href="#">Gunsalus, Robert P.</a> , Professor MIMG	Office Phone : (20)6-8201 <a href="mailto:robpg@microbio.ucla.edu">robpg@microbio.ucla.edu</a>	Regulation of Cellular Respiratory Functions in Microorganisms
<a href="#">Hankinson, Oliver</a> , Professor Path & Lab Medicine	Office Phone: (82)5-2936 <a href="mailto:ohank@mednet.ucla.edu">ohank@mednet.ucla.edu</a>	Chemical carcinogenesis, role of hypoxia in tumor growth
<a href="#">Hartenstein, Volker</a> , Professor MCD Biology	Office Phone: (20)6-7523 <a href="mailto:volkerh@mcdm.ucla.edu">volkerh@mcdm.ucla.edu</a>	Neuronal development in Drosophila
<a href="#">Howard, Bruce O.</a> , Professor Biological Chemistry	Office Phone: (82)5-6477 <a href="mailto:bhoward@mednet.ucla.edu">bhoward@mednet.ucla.edu</a>	Genetics of nerve terminal development and function
<a href="#">Htun, Han</a> , Assistant Professor Mol & Medical Pharmacology	Office Phone: (20)6-3015 <a href="mailto:hhtun@mednet.ucla.edu">hhtun@mednet.ucla.edu</a>	Steroid hormone action and nuclear organization
<a href="#">Huang, Jing</a> , Assistant Professor Mol. & Medical Pharmacology	Office Phone: (82)5-4329 <a href="mailto:jinghuang@mednet.ucla.edu">jinghuang@mednet.ucla.edu</a>	Novel approaches to biology and disease
<a href="#">Hubbell, Wayne L.</a> , Professor Chem & Biochem	Office Phone: (20)6-8830 <a href="mailto:hubbellw@jsei.ucla.edu">hubbellw@jsei.ucla.edu</a>	Structure and Function of Proteins
<a href="#">Jacobs, David</a> , Professor MCD Biology	Office Phone: (20)6-7885 <a href="mailto:djacobs@ucla.edu">djacobs@ucla.edu</a>	Evolution & Development / Marine Speciation
<a href="#">Johnson, Reid C.</a> , Professor Biological Chemistry	Office Phone: (82)5-7800 <a href="mailto:rcjohnson@mednet.ucla.edu">rcjohnson@mednet.ucla.edu</a>	Gene expression and chromosome biology in bacteria and yeast
<a href="#">Kaback, H. Ronald</a> , Professor Physiology/HHMI	Office Phone: (20)6-5053 <a href="mailto:rkaback@mednet.ucla.edu">rkaback@mednet.ucla.edu</a>	Molecular Biology of Membrane Transport
<a href="#">Kasamatsu, Harumi</a> , Professor MCD Biology	Office Phone: (82)5-3048 <a href="mailto:harumi_k@mbi.ucla.edu">harumi_k@mbi.ucla.edu</a>	Morphogenesis of DNA tumor viruses
<a href="#">Kaufman, Daniel L.</a> , Professor Mol & Medical Pharmacology	Office Phone: (79)4-9664 <a href="mailto:dkaufman@mednet.ucla.edu">dkaufman@mednet.ucla.edu</a>	Autoimmunity, in vivo imaging and neurorepair
<a href="#">Lane, Timothy F.</a> , Associate Professor Biol Chem/OB-GYN	Office Phone: (79)4-5799 <a href="mailto:tlane@mednet.ucla.edu">tlane@mednet.ucla.edu</a>	Tumor genetics, microenvironment and endothelial stem cell recruitment in breast and ovarian cancer
<a href="#">Lazazzera, Beth A.</a> , Assistant Professor MIMG	Office Phone: (79)4-4804 <a href="mailto:bethl@microbio.ucla.edu">bethl@microbio.ucla.edu</a>	Mechanisms of Multicellular Behavior in Bacteria
<a href="#">Lehrer, Robert</a> , Professor Med-Hemat & Oncology	Office Phone: (82)5-5340 <a href="mailto:rlehrer@mednet.ucla.edu">rlehrer@mednet.ucla.edu</a>	Function of antimicrobial peptides
<a href="#">Lin, Chentao</a> , Associate Professor MCD Biology	Office Phone: (20)6-9576 <a href="mailto:clin@mcdm.ucla.edu">clin@mcdm.ucla.edu</a>	Photoreceptors and Plant Development
<a href="#">Lin, Shuo</a> , Associate Professor MCD Biology	Office Phone: (26)7-4970 <a href="mailto:shuolin@ucla.edu">shuolin@ucla.edu</a>	Hematopoiesis, Organogenesis and Functional Genomics

Faculty Member/Rank/Dept.	Contact Information	Research
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<a href="#">Loo, Joseph</a> , Professor Chem & Biochem/Biol Chem	Office Phone: (79)4-7023 <a href="mailto:jloo@chem.ucla.edu">jloo@chem.ucla.edu</a>	Studying protein expression and protein structure by proteomics and mass spectrometry
<a href="#">Lyons, Karen</a> , Professor Biological Chemistry	Office Phone: (82)5-5480 <a href="mailto:klyons@mednet.ucla.edu">klyons@mednet.ucla.edu</a>	Growth Factor Signaling in Mammalian Development
<a href="#">Martin, Kelsey C.</a> , Associate Professor Biological Chemistry	Office Phone: (79)4-9507 <a href="mailto:kcmartin@mednet.ucla.edu">kcmartin@mednet.ucla.edu</a>	Cell Biology of Learning-related Synaptic Plasticity
<a href="#">Martinson, Harold G.</a> , Professor Chem & Biochem	Office Phone: (82)5-3767 <a href="mailto:hgm@chem.ucla.edu">hgm@chem.ucla.edu</a>	Coupling of RNA Processing With Transcription
<a href="#">McCabe, Edward R.B.</a> , Professor Pediatrics	Office Phone: (82)5-5095 <a href="mailto:emccabe@mednet.ucla.edu">emccabe@mednet.ucla.edu</a>	Human Molecular Genetics
<a href="#">Miller, Jeffery F.</a> , Professor MIMG	Office Phone: (20)6-7926 <a href="mailto:jfmiller@ucla.edu">jfmiller@ucla.edu</a>	Sensory Transduction in the Control of Bacterial Virulence
<a href="#">Miller, Jeffrey H.</a> , Professor MIMG	Office Phone: (82)5-8460 <a href="mailto:jhmiller@mbi.ucla.edu">jhmiller@mbi.ucla.edu</a>	Mutagenesis, Mutational Pathways, and DNA Repair
<a href="#">Modlin, Robert L.</a> , Professor MIMG/Medicine	Office Phone: (82)5-6214 <a href="mailto:rmodlin@mednet.ucla.edu">rmodlin@mednet.ucla.edu</a>	Innate and adaptive immune responses to microbial infection
<a href="#">Nayak, Debi P.</a> , Professor MIMG	Office Phone: (82)5-8558 <a href="mailto:dnayak@ucla.edu">dnayak@ucla.edu</a>	Molecular Biology Influenza (Orthomyxo) and Sendai (Paramyxo) Viruses
<a href="#">Nelson, Stanley F.</a> , Professor Human Gen/Psych	Office Phone: (79)4-7981 <a href="mailto:snelson@ucla.edu">snelson@ucla.edu</a>	Genetics of complex human diseases
<a href="#">Neufeld, Elizabeth F.</a> , Professor Biological Chemistry	Office Phone: (82)5-7149 <a href="mailto:eneufeld@mednet.ucla.edu">eneufeld@mednet.ucla.edu</a>	Treating the brain in a mouse model of a genetic lysosomal disorder
<a href="#">Olsen, Richard W.</a> , Professor Mol & Medical Pharmacology	Office Phone: (82)5-5093 <a href="mailto:rolsen@mednet.ucla.edu">rolsen@mednet.ucla.edu</a>	Neurobiology and Neuropharmacology of GABA-A Receptors
<a href="#">Papazian, Diane M.</a> , Professor Physiology	Office Phone: (20)6-7043 <a href="mailto:papazian@mednet.ucla.edu">papazian@mednet.ucla.edu</a>	Structure, function, and biology of voltage-gated potassium channels
<a href="#">Pellegrini, Matteo</a> , Assistant Professor MCD Biology	Office Phone: (82)5-0012 <a href="mailto:matteop@mcdb.ucla.edu">matteop@mcdb.ucla.edu</a>	Developing computational approaches to reverse engineer molecular networks
<a href="#">Philipson, Kenneth D.</a> , Professor Physiology	Office Phone: (82)5-7679 <a href="mailto:kphilipson@mednet.ucla.edu">kphilipson@mednet.ucla.edu</a>	Cardiac excitation-contraction coupling
<a href="#">Ray, Dan S.</a> , Professor MIMG	Office Phone: (82)5-4178 <a href="mailto:danray@ucla.edu">danray@ucla.edu</a>	The mitochondrial DNA of trypanosomes
<a href="#">Reisler, Emil</a> , Professor Chem & Biochem	Office Phone: (82)5-2668 <a href="mailto:reisler@mbi.ucla.edu">reisler@mbi.ucla.edu</a>	Cell motility and cytoskeleton
<a href="#">Rome, Leonard H.</a> , Professor Biological Chemistry	Office Phone: (82)5-8680 <a href="mailto:lrome@mednet.ucla.edu">lrome@mednet.ucla.edu</a>	Subcellular Organelle Biogenesis and Function
<a href="#">Runnegar, Bruce N.</a> , Professor ESS/GPP	Office Phone: (20)6-1738 <a href="mailto:runnegar@ucla.edu">runnegar@ucla.edu</a>	Paleobiology, particularly the Cambrian explosion
<a href="#">Schiestl, Robert H.</a> , Professor Path & Lab Medicine	Office Phone: (26)7-2087 <a href="mailto:rschiestl@mednet.ucla.edu">rschiestl@mednet.ucla.edu</a>	Gene-Environment-Nutrition interactions in predisposition
<a href="#">Schopf, J. William</a> , Professor ESS/GPP/CSEOL	Office Phone: (82)5-1170 <a href="mailto:schopf@ess.ucla.edu">schopf@ess.ucla.edu</a>	Paleobiology-evolution of primitive Precambrian organisms; organic geochemistry of ancient sediments; evol. biology
<a href="#">Simons, Robert W.</a> , Associate Professor MIMG	Office Phone: (82)5-8890 <a href="mailto:bobs@microbio.ucla.edu">bobs@microbio.ucla.edu</a>	Translational control and RNA structure

Faculty Member/Rank/Dept.	Contact Information	Research
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<a href="#">Tobin, Elaine M.</a> , Professor MCD Biology	Office Phone: (82)5-7700 <a href="mailto:etobin@ucla.edu">etobin@ucla.edu</a>	Circadian rhythms; phytochrome regulation of gene expression
<a href="#">Valentine, Joan S.</a> , Professor Chem & Biochem	Office Phone: (82)5-9835 <a href="mailto:jsv@chem.ucla.edu">jsv@chem.ucla.edu</a>	Transition Metals, Metalloenzymes, and Oxidative Stress
<a href="#">van der Blik, Alex</a> , Associate Professor Biological Chemistry	Office Phone: (82)5-9779 <a href="mailto:jsv@chem.ucla.edu">jsv@chem.ucla.edu</a>	Cell biological studies of mitochondria in health and disease
<a href="#">Wall, T. Randolph</a> , Professor MIMG	Office Phone: (82)5-7523 <a href="mailto:rwall@mbi.ucla.edu">rwall@mbi.ucla.edu</a>	Genes and Mechanisms Controlling B Lymphocyte Development
<a href="#">Weiss, Richard L.</a> , Professor Chem & Biochem	Office Phone: (82)5-3621 <a href="mailto:weiss@chem.ucla.edu">weiss@chem.ucla.edu</a>	Compartmentation of enzymes and metabolites; Mol. Gen, metabolic & genetic regulation in eukaryotic microorganisms
<a href="#">Wohlschlegel, James</a> , Assistant Professor Biological Chemistry	Office Phone: (79)4-7955 <a href="mailto:jwohl@mednet.ucla.edu">jwohl@mednet.ucla.edu</a>	Proteomic and Biochemical Strategies for Understanding the Role of Ubiquitin and SUMO-regulated Protein Networks
<a href="#">Zack, Jerome A.</a> , Professor MIMG/Medicine	Office Phone: (82) 5-0876 <a href="mailto:rwall@mbi.ucla.edu">rwall@mbi.ucla.edu</a>	Pathogenic processes of HIV-1 infection
<a href="#">Zipursky, S. Lawrence</a> , Professor Biological Chemistry	Office Phone: (82)5-2834 <a href="mailto:lzipursky@mednet.ucla.edu">lzipursky@mednet.ucla.edu</a>	The Molecular Mechanisms Regulating Neuronal Connection Specificity