

CMB Alumni 5.06

| Name | Thesis Title | Mentor | PhD Completed | Current Position |
|---------------------------|--|----------------|----------------------|--|
| Peter Beemiller | Coordination of ARF- and Rho-family GTPases by a Signal Transition During Phagocytosis | Joel Swanson | 2006 | Postdoctoral Fellow, UCSF Dept. of Pathology |
| Michael Corradetti | Dysregulation of the TSC/MTOR Pathway in Human Disease and Cellular Stress | Kun-Liang Guan | 2006 | Medical student – MSTP |
| Wilson Cui | From Behavior to Circuitry: The Role of Glycine Regulation in CNS Motor Output | John Kuwada | 2006 | Medical student – MSTP |
| Daley, James | Rejoining of DNA Double-Strand Breaks with Complex End Structures | Thomas Wilson | 2006 | Plans to take a postdoctoral position in May 2007. Currently working in mentor's lab |
| Michael Friedman | Regulation of Mesenchymal Stem Cell Differentiation and Mesenchymal Cell Fate | Kurt Hankenson | 2006 | Postdoctoral Fellow, Univ of Pennsylvania |
| Paul Graf | Characterization of the Activation Mechanism of the Redox-Regulated Molecular Chaperone HSP33 | Ursula Jakob | 2006 | Lieutenant, US Navy Medical Service Corps. National Naval Medical Ctr. |
| Anne Hiniker | In Vivo Roles of E Coli Periplasmic Disulfide Isomerase DsbC | James Bardwell | 2006 | Medical student – MSTP |
| Irfan Lodhi | Regulation of Insulin-Stimulated Glucose Transport by Small GTP-Binding Proteins | Alan Saltiel | 2006 | Will remain in Saltiel lab will pursuing a Postdoctoral position. |
| Brendan Looyenga | Mechanisms of Tumorigenesis in the Inhibin-Null Mouse: An Analysis of Dysregulated TGF-BETA Family Signaling in Steroidogenic Organs | Gary Hammer | 2006 | Postdoctoral Fellow, Van Andel Research Institute |
| Allison Moffa | Transforming Potential of Alternatively Spliced Variants of Fibroblast Growth Factor Receptor 2 in Human Mammary Epithelial Cells | Stephen Ethier | 2006 | Postdoctoral Fellow, UCLA |
| Phillip Palmbos | Assembly of the Nonhomologous end Joining Machinery | Thomas Wilson | 2006 | Medical student – MSTP |

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|--------------------------------|--|--------------------|----------------------|---|
| Omer Yilmaz | Hematopoietic Stem Cells: Identity, Regulation, and Leukemogenesis | Sean Morrison | 2006 | Medical student - MSTP |
| Jeffrey S. Huo | Computational and Functional Analysis of Growth Hormone-Regulated Genes | Jessica Schwartz | 2005 | Medical student - MSTP |
| Teresa S. Hyun | Functions of the Huntingtin Interacting Protein 1 (HIP1) Family | Theodora Ross | 2005 | Medical student - MSTP |
| Jennifer Kennell | Molecular Control of Adipogenesis: Regulation by TCF-4N and Frizzleds | Ormond MacDougald | 2005 | Postdoctoral Fellow, Univ Michigan, MCDB |
| Jason Kurzer, | Mechanism by which SH2-B Activates JAK2 | Christin Carter-Su | 2005 | Medical student - MSTP |
| Blair Madison | Tissue-specific Transgenesis with the Mouse Villin Gene: Exploring Intestinal Organogenesis | Deborah Gumucio | 2005 | Postdoctoral Fellow, Dept Genetics, Univ Pennsylvania |
| Anna Mazurkiewicz-Munoz | Identification of a Binding Partner and Regulatory Site that Inhibit the Function of the Cytokine-Receptor Assocd Tyrosine Kinase JAK2 | Christin Carter-Su | 2005 | Family leave |
| Michael McCabe | Regulation of DNA Methyltransferase 1 by the pRB/E2F1 Pathway | Mark Day | 2005 | Postdoctoral Fellow, Emory Univ. |
| Jeremiah Roeth | Modulation of Protein Trafficking Pathways by HIV-1 Nef | Kathy Collins | 2005 | Postdoctoral Fellow, Univ North Carolina Chapel Hill, Cancer Center |
| Anna Rotberg-Molofsky | Self-renewal of Central Nervous System Stem Cells | Sean Morrison | 2005 | Medical student - MSTP |
| Robert Ward | The Role of PROP1 in Pituitary Development and Disease | Sally Camper | 2005 | Postdoctoral Fellow, Baylor Coll Medicine |
| Ira Winer | Analysis of Beta-catenin's Amino-terminal Domain | Eric Fearon | 2005 | Medical student - MSTP |
| Jason Knight | Targeted Regulation of Cell Cycle Proteins by Epstein-Barr Virus Nuclear Antigen 3C | Erle Robertson | 2004 | Medical student - MSTP |
| Genevieve Kruger | Neural Crest Stem Cells in Development and Disease | Sean Morrison | 2004 | Postdoctoral Fellow, MIT - MSTP |

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|------------------------------|--|------------------|---------------|--|
| Heather O'Hagan | The Mechanism of p53 Nuclear Accumulation After the Inhibition of Transcription | Mats Ljungman | 2004 | Postdoctoral Fellow, Johns Hopkins Univ, Cancer Biology |
| Jonathan Rios-Doria | Proteolytic Cleavage of E-Cadherin and B-Catenin by Calpain in Prostate and Mammary Tumor Cells | Mark Day | 2004 | Senior Scientist, Intezyne Technologies, FL |
| Maya Williams | Molecular Mechanisms of MHC-I Downmodulation by HIV-1-NEF | Kathy Collins | 2004 | Scientist, Naval Medical Research Center |
| David Karow | Identification and Characterization of a Conserved Soluble Guanylate Cyclase-Like Heme Domain that Discriminates Between Nitric Oxide and Oxygen | Michael Marletta | 2003 | Resident (Radiology) Univ of California - San Diego - MSTP |
| David S. L.Kim | Global Analysis of Migration-Induced Changes in Langerhans Cell Gene Expression | John Lowe | 2003 | Resident (Patholgy) Univ Michigan -MSTP |
| Jonathan Livny | Characterizing the Role of the Induction of the Lamboid Prophage H-19B in the Production and Release of Shinga Toxin | David Friedman | 2003 | Postdoctoral Fellow, Tufts University |
| Jesse Myers | Microbial Chemistries Employed by Activated Macrophages Following phagocytosis | Joel Swanson | 2003 | Postdoctoral Fellow, Univ Colorado Health Sciences Center |
| Anavelys Ortiz-Suarez | Antigen-Independent Expansion of CD28hi CD8 Cells from Aged Mice: Characterization, Cytokine Requirements and Signal Transduction Pathways | Richard Miller | 2003 | Counseling & Patents, Wilson Sonsini Goodrich & Rosati, Palo Alto, CA; law student, Santa Clara Univ |
| Lisa Gerlach Bank | The role of BMP4 and BMP4 Protagonists in the Developing Otocyst | Kate Barald | 2002 | Research Assoc, Cell & Developmental Biology, Univ Michigan |
| Daniel Becker, | Gentic and Biochemical Determination of Fucosylated Glycan Expression | John Lowe | 2002 | Clinical Fellow (Internal Medicine) Brigham & Women's Hospital, Boston MA - MSTP |

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|--------------------------|--|---------------------|----------------------|--|
| Sara Cheng, | Cytokine Regulation of CC Chemokine Receptors on Human Neutrophils and Endothelial Cells | Steve Kunkel | 2002 | Resident (Anesthesiology) Univ Colorado - MSTP |
| Shian-Huey Chiang | Signaling Pathways Involved in Insulin-stimulated Glucose Transport | Alan Saltiel | 2002 | Asst Research Scientist, Life Sci Inst, Univ Michigan |
| Yue Ge | Tracking the Pathophysiology of Duchenne Muscular Dystrophy (DMD) with Functional Proteomics | Jeffrey Chamberlain | 2002 | US Environmental Protection Agency, North Carolina |
| Scott Harper | Structural Flexibility of the Dystrophin Rod Domain: Implications for Gene Therapy of Duchenne Muscular Dystrophy Using Adeno-Assocd Viral Vectors | Jeffrey Chamberlain | 2002 | Postdoctoral Fellow, Univ Iowa |
| Eric Humke | Caspase Regulation in Inflammation | Vishva Dixit | 2002 | Resident (Internal Medicine) Washington University |
| Yifeng Jia | Identification, Characterization, and Functional Analysis of HIC-5 as an HSP27-Binding Protein | Michael Welsh | 2002 | Postdoctoral Fellow, NCI/NIH Bethesda, MD |
| Gallia Levy | Genetic Modification of Von Willebrand Factor Function | David Ginsburg | 2002 | Resident, Stanford Univ. |
| Karen O'Brien | The Role of SH2-B Family Members in Signaling by JAK Family Tyrosine Kinases | Christin Carter-Su | 2002 | Postdoctoral Fellow, Children's Hospital, Harvard Medical School |
| Philip Schaner | A Characterization of Pyrin: Investigating the Molecular Pathophysiology of Familial Mediterranean Fever | Deborah Gumucio | 2002 | Resident (Radiation Oncology) U Alabama - MSTP |
| Kajal Sitwala | Transcriptional and Post-translational Mechanisms Controlling the Pattern of DEK Expression | David Markovitz | 2002 | Resident (Pathology) Univ Michigan - MSTP |
| Murray Cotter | Elements of the Latent KHV Replicon | Erle Robertson | 2001 | Resident (Dermatology) Univ Utah Health Science Center |
| Gregory Crawford | Functional Analysis of the C-terminal Domain of Dystrophin | Jeffrey Chamberlain | 2001 | Assistant Professor, Duke University |

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|---------------------------------|---|---------------------|---------------|---|
| Neil Faulkner, | Transcriptional Regulation of the Human Immunodeficiency Virus by Protein Phosphatase 2A | David Markovitz | 2001 | Resident (Internal Medicine) Wayne State University Medical Center |
| Ivelisse Gonzalez | Promoter-Dependent Interactions of the Androgen Receptor with the Transcription Factor OCT-1 and Other nuclear Proteins on the Slp Enhancer | Diane Robins | 2001 | N/A |
| Karen Hajra | Mechanisms and Factors Critical in Regulating E-Cadherin and B Catenin and Function in Carcinomas | Eric Fearon | 2001 | Resident (Ob/Gyn) Univ Michigan - MSTP |
| Dennis Hartigan-O'Connor | Adenoviral Vectors for Treatment of Duchenne Muscular Dystrophy | Jeffrey Chamberlain | 2001 | Postdoctoral Fellow, Univ. of California, San Francisco - MSTP |
| Narayani Moorthy | The PRMT2 Gene Product Inhibits NF- κ B Transcriptional Activity | Gary Nabel | 2001 | Lecturer, Sankara Nethralaya ONCG, Dept Genetics & Molecular Biology, Medical and Vision Research Foundation, India |
| Eric Tang | Regulation of the Function of Transcription Factors by Phosphorylation and Ubiquitination | Kun-Liang Guan | 2001 | Postdoctoral Fellow, Univ Michigan School Dentistry - MSTP |
| Michael Eisenbraun | P-Glycoprotein Expression In Murine T Lymphocytes | Richard Miller | 2000 | Research Scientist, Translational Biology Group, Medimmune, Mt View, CA |
| Christopher Kirk | Age-dependent and Independent Mechanisms Leading to Raf-1 and JNK Activation in Murine CD4 T-lymphocytes | Richard Miller | 2000 | Proteolix, So. San Francisco, CA |
| Brian Lane | The Involvement of the Chemokine IL-8 and GRO- α in the Pathogenesis of AIDS and AIDS-Associated Kaposi's Sarcoma | David Markovitz | 2000 | Resident (Urologic Surgery) Cleveland Clinic, OH, - MSTP |
| Jean Lay | Developmental Expression and Gene Regulation of Mouse Cholecystokinin | Linda Samuelson | 2000 | Staff Scientist, Incyte Genomics |

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|--------------------------|--|-------------------|----------------------|---|
| Jeffrey Withey | An Analysis of the Requirements for tmRNA Function | David Friedman | 2000 | Research Fellow, ULAM, Univ Michigan |
| Yifei Wu | Functional Analysis of Thyroid Hormone Receptors | Ronald Koenig | 2000 | Scientist, Roche Diagnostics, Indianapolis IN |
| Christina Hodge | Molecular Events by which FOS Mediates Growth Hormone Action | Jessica Schwartz | 1999 | Science teacher |
| George Pipia | Role of Glycoconjugates and Their Receptors in Human Hematopoiesis | Michael Long | 1999 | Technology Licensing Specialist, NIH |
| Matthew Wolfgang | Genetic Dissection of the Type IV Pilus Biogenesis Pathway in Neisseria Gonorrhoeae | Michael Koomey | 1999 | Asst Professor, Microbiol/Immunol, Univ North Carolina Chapel Hill |
| Heather Burrows | Anterior Pituitary Products Involved in Pituitary Organogenesis and the Mammalian Stress Response | Sally Camper | 1998 | Clin Instructor, Pediatrics, Univ Michigan - MSTP |
| Joel Chamberlain | Composition and Characterization of Nuclear Ribonuclease P from Saccharomyces Cerevisiae | David Engelke | 1997 | Research Asst Professor, Dept Medical Genetics, Univ Washington |
| Kimya Harris | The Effects of BK Virus Large T Antigen on Cell Regulation | Michael Imperiale | 1997 | Patent prosecution at Clark and Elbing, Lexington MA |
| David Olson | Response Element Modulation of Thyroid Hormone Receptor Activity | Ronald Koenig | 1997 | Instructor in Pediatrics, Children's Hospital, Boston MA - MSTP |
| Christal Sheppard | Mimicking Human Disease in Eschericia Coli | Rowena Matthews | 1997 | Professional Staff Member, U.S. House of Representatives Committee on Science |
| Jirair Bedoyan | Structural Features of Rat Liver Telomere Oligonucleosomes | John Langmore | 1996 | Medical Genetics/Pediatric Genetics, Pediatric Cardiology; Children's Hospital, Pittsburgh PA |
| Brian Janes | Transcriptional Regulation of the Histidine Utilization and Alkaline Catabolic Operons of Klebsiella Aerogenes | Robert Bender | 1996 | Postdoctoral Fellow, Univ Michigan, Microbio/Immunol |
| Rona LeBlanc | Entry and Tropism of Herpes Simplex Virus | A. Oveta Fuller | 1996 | Microbiology regulatory reviewer, FDA |

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|-------------------------|---|------------------|----------------------|--|
| Christian Weber | The X-ray Structure Analysis of CTP | Martha Ludwig | 1996 | Founder, SBI Science, Ann Arbor MI |
| Monica Zepeda | Pathophysiology of Cystic Fibrosis Relevant to Gene Therapy | James Wilson | 1996 | Postdoctoral Fellow, Canji Schering Plough Research Inst, San Diego, CA |
| Sophia Bryant | Role of P120 gap N-terminal Sequences in Regulation of Protein-protein Interactions and Catalytic Activity | Richard Jove | 1995 | Research Assoc, Hutchinson Cancer Research Center, Seattle, WA - MSTP |
| Paul Ervin | Further Characterization and Cloning of the Growth Inhibitor Mammastatin | Max Wicha | 1995 | Director of Research and Development at Kemin |
| Amy Kavka | Expression of and Requirement for the NF1 Gene Product, Neurofibromin, During Cell Differentiation in Vivo and In Vitro | Kate Barald | 1995 | Melrose Park, Australia |
| Susan Kendall | Anterior Pituitary Gene Expression and Cell Lineage Analysis | Sally Camper | 1995 | Health Sciences Coordinator, Mich State Univ Libraries |
| Debra Meyer | Regulation of the C-fos Protooncogene by Growth Hormone | Jessica Schwartz | 1995 | Family leave |
| Cameron Scarlett | Characterization of the Components of a Complex Androgen Response Element in Vitro and in Vivo | Diane Robins | 1995 | Research Assoc, Univ North Carolina-Duke Proteomics Center |
| Muneesh Tewari | Identification of Components of the Apoptosis Pathways Initiated by Fas and Tumor Necrosis Factor | Vishva Dixit | 1995 | Assistant Member, Fred Hutchinson Cancer Research Center, Univ. of Washington - MSTP |
| Jesus Cabrera | Retroviral Gene Transfer Into Rat Liver Cells, In Vitro and In Vivo | James Wilson | 1994 | Asst Professor, Cardiothoracic Surgery, Univ Minnesota - MSTP |
| Jerry Caldwell | IL-1a and TNFa Act Synergistically | Stephen Emerson | 1994 | N/A |
| Everett Chen | Adenosine Deaminase and Deoxycytidine Kinase Gene Expression | Beverly Mitchell | 1994 | Physician, Bellflower Medical Center -MSTP |

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|-------------------------|---|---------------------|---------------|--|
| Todd Gray | Characterization of Cis and Trans Elements in the Human Gamma-Globin Promoter | Francis Collins | 1994 | Research scientist, Wadsworth Center, Lab Mammalian Genomics; Asst Professor, School of Public Health, Albany NY |
| Linda Kalikin | Mapping of Eight Beckwith-Wiedemann Syndrome Breakpoints to Two Clusters on 11p15 and Isolation of Candidate Transcripts | Andrew Feinberg | 1994 | Research Investigator, Dept Urology, Univ Michigan |
| Ronald Katz | DNA Binding of Thyroid Hormone Receptor | Ronald Koenig | 1994 | Clinical Assoc Professor of Oral Medicine, NYU College of Dental Medicine |
| Catherine Keegan | Cell-specific, Developmental, and Hormonal Regulation of Corticotropin-releasing Hormone Gene Expression in Transgenic Mice | Sally Camper | 1994 | Asst Professor, Department Pediatrics & Communicable Diseases, Univ Michigan - MSTP |
| Scott A. Keller | Characterization of Two Transgene-included Mutations of the Mouse: Sitg and Del(19)TgN8052 | Miriam Meisler | 1994 | Physician, Internal Medicine, Rochester MN |
| Suil Kim | Normal Human T cells as a Model System for the Study of Molecular Events at the G0/G1 Interface | Craig Thompson | 1994 | Asst Adjunct Professor, Pulmonary/Critical Care, Univ. California San Francisco -MSTP |
| Paul Bain | Tissue-specific Expression and Chromosomal Location of the 3b-Hydroxysteroid Dehydrogenase Gene Family of the Mouse | Anita Payne | 1993 | Information Research & Development Specialist, Countway Library, Harvard Medical School |
| Phillip Cacheris | Molecular Characterization of the Factor VIII/von Willebrand Factor Interaction. | David Ginsburg | 1993 | Pathology, City of Hope National Medical Center - MSTP |
| Brian Ernsting | The LRP Regulon of Escherichia Coli | Rowena Matthews | 1993 | Assoc Professor, Biology, Univ Evansville IN |
| Anne Farewell | The Effect of Temperature on the Protein Synthetic Capacity of Escherichia Coli | Frederick Neidhardt | 1993 | Research Assoc, Microbiology, Univ Gothenberg, Sweden |

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|------------------------|--|---------------------|---------------|--|
| Daniel Gage | Modulation of the Heat Shock and Stringent Response of Escherichia Coli by a Mutation in the GlyA Gene | Frederick Neidhardt | 1993 | Assoc Professor, Molecular & Cell Biology, University of Connecticut |
| Kevin Gersten | Isolation and Characterization of Murine Alpha(1->3) Fucosyltransferase Genes | John Lowe | 1993 | Otolaryngology, Fremont CA - MSTP |
| Beth Kelly | Regulation of Cardiolipin Biosynthesis in Yeast | Miriam Greenberg | 1993 | Townsend and Townsend and Crew LLP, San Francisco CA |
| Peter Lee | Identification Specific Genes Involved in Altered DNA Methylation in Carcinogenesis | Andrew Feinberg | 1993 | Asst Professor, Univ Illinois Chicago, Dept Medicine, Cardiology, Physiology & Biophysics - MSTP |
| Steven Olsen | Molecular Characterization of the cAMP-dependent Protein Kinase Inhibitor | Michael Uhler | 1993 | Vice President for Medical Affairs at sanofi-aventis KK, Tokyo, Japan |
| John Valdes | Positional Cloning Strategies and the Huntington's Disease Gene | Francis Collins | 1993 | Physician, Private Practice |
| Yiping Yang | Molecular Pathogenesis of Cystic Fibrosis | James Wilson | 1993 | Medical Oncology and Transplantation, Duke University Medical Center |
| Cynthia Bott | The Structure, Function and Regulation of the Human Lymphocyte Surface Antigen CD6 | David Fox | 1992 | N/A |
| Michael Halpern | Isolation and Characterization of the Human Lymphokine Soluble Suppressor Factor | Stanley Schwarz | 1992 | Principal Scientist, Health Sciences, ExponentInc, Alexandria VA -MSTP |
| Mark Hannibal | Transcriptional Regulation of Human Immunodeficiency Viruses in T Lymphocytes | Gary Nabel | 1992 | Acting Asst Professor, Genetics and Development, Dept Pediatrics, Univ Washington -MSTP |
| Melissa Hull | Investigation of Promoter Interference by tRNA genes in Saccharomyces Cerevisiae | David Engelke | 1992 | Physician-Scientist, Brigham & Women's Hospital, Boston MA |

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|------------------------|---|------------------|----------------------|---|
| Sandeep Kathju | Regulation of Tissue-type Plasminogen Activator Gene Expression by Glucocorticoids and Cyclic Nucleotides in Rat Hepatoma Cells | Thomas Gelehrter | 1992 | Director, Wound Healing Program, Center for Genomic Sciences; Allegheny-Singer Research Inst; Plastic Surgery, Allegheny General Hospital, Pittsburgh PA - MSTP |
| Todd Kroll | Assembly and Expression of Isoforms of Laminin in Cultured Muscle Cells | Raymond Ruddon | 1992 | Asst Professor; Dept Pathology, Director of Endocrine Pathology, Univ Chicago - MSTP |
| Carol Laherty | Regulation of Thrombospondin Gene Expression During Cell Growth and Development | Vishva Dixit | 1992 | Assoc in Biotechnology and Chemistry, Seed Intellectual Property Law Group PLLC, Seattle WA |
| Susan Lyons | Molecular Bases of Type III and Type IIA Von Willebrand Disease | David Ginsburg | 1992 | Asst Professor, Dept Internal Medicine, University of Michigan -MSTP |
| Anthony Opipari | A20: A novel zinc finger protein induced by Tumor Necrosis Factor | Vishva Dixit | 1992 | Asst Professor, Ob/Gyn, Univ Michigan - MSTP |
| Evan Rosen | Protein-protein Interactions Involving Erba Superfamily Members | Ronald Koenig | 1992 | Asst Professor of Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School -MSTP |
| Jane Wiesen | The Expression of Intercellular Gap Junctions During Ovarian Follicular Development and Atresia | A. Rees Midgley | 1992 | N/A |
| Paul Bohjanen | Regulation of Lymphokine Gene Expression | Craig Thompson | 1991 | Assoc Professor, Dept Microbiology, Univ Minnesota - MSTP |
| Mark Craven | Genetic Studies on the Escherichia Coli NUSA Transcription Elongation Factor | David Friedman | 1991 | Assoc Professor, Dept. Biostatistics and Medical Informatics, Dept. Computer Sciences, Univ Wisconsin |
| Kirsten Rood | Regulation of the Human Fetal Gamma Globin Genes | Francis Collins | 1991 | N/A |

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|--------------------------|---|-------------------|----------------------|---|
| Gary Silverstein | Characterization of an SV40 Transformation Revertant Cell Line | Michael Imperiale | 1991 | Patent Counsel and General Counsel, Salk Inst, La Jolla CA |
| Brian Athey | An EM Study of Chromatin Fibers: Evidence in Support of the Double-helical Crossed-linker Model | John Langmore | 1990 | Assoc Professor, Biomedical Informatics, Dept Psychiatry, Univ Michigan |
| Leslie Baier | Isolation and Characterization of a Human DNA Binding Protein which Contains an ANTP Homeobox Sequence | Gary Nabel | 1990 | Investigator, NIDDK, NIH, Phoenix, AZ |
| Dean Chang | Intracellular Calcium and pH Regulate Basolateral Potassium and Chloride Channels in Colonic Epithelial Cells | David Dawson | 1990 | Clinical Asst Professor, Internal Medicine, Yale Univ - MSTP |
| James DeZazzo | Ply(A) Site Selection in the Adenovirus Type 2 Major Late Transcription Unit: Processing and Regulatory Signals | Michael Imperiale | 1990 | Assoc in Chemical & Life Sciences, Darby & Darby Law Firm, NYC |
| Shawn Redmond | Subcellular Localization of HSP90 and PP60SRC | Michael Welsh | 1990 | N/A |
| Keith Cauley | Nicotinic Acetylcholine Receptor Gene Expression in the Goldfish Retina and Visual Pathway | Bernard Agranoff | 1989 | Physician, Diagnostic Radiology, Univ Conn Med Ctr |
| Cheryl Dell | Clonal Stability and Longevity in the Antiphosphocholine Response Induced by Proteus Morganii | J. Latham Claflin | 1989 | Scientist, Livonia MI |
| Frederick Boyce | Regulation of Human Argininosuccinate Synthetase Gene Expression | Svend Freytag | 1988 | Asst Neurobiology, Massachusetts General Hospital -MSTP |
| Andrew Granston | Studies of Host Factors Required for Lytic Growth of Bacteriophage I | David Friedman | 1988 | Patent Lawyer, San Diego, CA |
| Brian Haarer | Analysis of CDC3 and CDC12, Two Genes | John Pringle | 1988 | Sr. Research Scientist, Biochemistry & Molecular Biology, SUNY Upstate |
| Steven Highlander | Herpes Simplex Virus Glycoproteins gB and gD and Their Role in Virus Penetration | Joseph Glorioso | 1988 | Partner at Fulbright and Jaworski LLP, Austin TX |

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|---------------------------|---|---|----------------------|--|
| Michelle Marceau | Active Site Residues of Escherichia Coli D-serine Dehydratase, a Model Vitamin B6 (Pyridoxal 5'-phosphate) Enzyme | Jules Shafer | 1988 | N/A |
| Jeffrey Montgomery | Characterization of a Human Carbonic Anhydrase-like Gene with Novel Chromosomal Location | Richard Tashian | 1988 | Microbiology & Immunology, Thomas Jefferson Univ |
| Petrini, John | The Immunoglobulin Class Switch: Structural Characterization of Recombinant Switch Regions | Wesley Dunnick | 1988 | Research Scientist, Chromosome Biology, Memorial Sloan-Kettering Cancer Center |
| Sweet, Stuart | Calmodulin Association with and Stabilization of Kinetochore Microtubules of the Mammalian Mitotic Spindle | Michael Welsh | 1988 | Asst Professor, Pediatrics; Medical Director Pediatric Lung Transplant Program, Washington U, St. Louis Children's Hospital - MSTP |
| Shelley Berger | Regulation of Transcription by the Polyomavirus Enhancer and the Adenovirus E1A Gene Products | William Folk | 1987 | Professor, Gene Expression and Regulation Program, Wistar Inst |
| Joanne Blum | Role of Extracellular Matrix in Mammary Differentiation | Max Wicha | 1987 | US Oncology Principal Investigator, Texas Oncology PA (TOPA) |
| Gary Kikuchi | Purification and Structural Characterization of Herpes Simplex Virus Glycoprotein C | Roderick Nairn | 1987 | Scientist, Vaccine Working Group, FDA |
| Laurelee Osborn | Expression of Amylase Genes in Transgenic Mice | Miriam Meisler | 1987 | Senior Scientist, Biogen, Inc., Cambridge, MA |
| Ramesh Shivdasani | Molecular Associations of IA Antigens Following T-B Cell Interactions | David Thomas | 1987 | Assoc Professor, Medicine, Harvard Medical School - MSTP |
| Gerben Zylstra | Structure and Regulation of the Protocatechuate 3,4-dioxygenase Genes of Pseudomonas Cepacia | Ronald Olsen | 1987 | Director, Biotech Center; Professor, Biochemistry & Microbiology, Rutgers Univ |
| Frank Dailey | Identification of the Function of Acetohydroxy Acid Synthase I in Escherichia coli and Salmonella Typhimurium | John Cronan Jr & Frederick C. Neidhardt | 1986 | Asst Professor, Microbiology/Immunology, Lake Erie Coll Osteopathic Med, Erie, PA |

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|--------------------------|---|-----------------------------------|----------------------|--|
| Deborah Gumucio | Structure and Evolution of the Amylase Multigene Family | Miriam Meisler | 1986 | Professor, Dept Cell & Developmental Biology, Co-Director, Center for Organogenesis, Univ Michigan |
| Andrew Abler | The Effect of Low Molecular Weight Epidermal Material Upon DNA Synthesis in Primary Cultures of Newborn Rat Keratinocytes | Isadore Bernstein | 1985 | Director, Quality Assurance & Regulatory Affairs, Upstate USA, Inc., Lake Placid NY |
| Vivian Cohn | Organization and Evolution of the Alcohol Dehydrogenase Gene in <i>Drosophila</i> | Gordon Moore & Richard Tashian | 1985 | Benaroya Res Inst, Seattle WA |
| Robert Milius | Use of Polyclonal and Monoclonal Antibodies to Study HCG-receptor Interactions | A. Rees Midgley | 1985 | Asst Director, Center for Computational Genomics and Bioinformatics, Univ Minnesota |
| Anthony Nieuwkoop | Regulation of the hutUH Operon of <i>Klebsiella Aerogenes</i> by the Catabolite Activator Protein and Cyclic AMP | Robert Bender | 1985 | Professor and Chairman, Biomedical Sciences, Grand Valley State Univ |
| Michael Quasney | Association of SV40 T Antigen with Viral Minichromosomes | Leonard Lutter | 1985 | Assoc Professor, Pediatrics, Univ Tennessee |
| Theodore White | Micronuclear DNA Sequences which are Normally Eliminated Can Persist in Macronuclei | Sally L. Allen | 1985 | Asst Professor, Pathobiology, Molecular & Cellular Biology, Seattle Biomed Res Inst |
| Kevin Coleman | Isolation and Characterization of Genes Involved in Cellular Morphogenesis in <i>Saccharomyces Cerevisiae</i> | John Pringle | 1984 | Executive Advisor, Technolytics Inst, PA |
| Delia Dorney | Sequence Analysis of the 3'-18s, 5.8s, 28s | Roy Schmickel & Lawrence Grossman | 1984 | Tech Resources Manager, Difco Labs |
| Steven Marlin | Antigenic Structure and Variation of Herpes Virus Glycoproteins | Joseph Glorioso | 1984 | Principal Scientist, Boehringer-Ingelheim, Ridgefield, CT |
| Edward O'Neill | DNA Replication in <i>Caulobacter Crescentus</i> | Robert Bender | 1984 | N/A |

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|----------------------------|---|----------------------------------|---------------|---|
| Kevin Ryan | Cryptic Transformation of Mouse Cells by SV40 | William Brockman | 1984 | Dept. Virol & Immunol, St Jude's Res Hosp |
| Steven Triezenberg | Replication of Base Substitution Mutants in the Enhancer and Origin Regions of Polyomavirus | William Folk | 1984 | Dean of Graduate School, Van Andel Institute, Grand Rapids MI |
| Gail Bishop | Characterization of Human Natural Killer Activity Against Target Cells Infected with Herpes Simplex Virus Type I | Stanley Schwartz | 1983 | Professor, Cancer Biology; Director, Immunology Graduate Program; Assoc. Director for Basic Science Research, Holden Comprehensive Cancer Center, Univ Iowa |
| Mary Dahmer | Inhibition of Glucocorticoid Receptor Transformation and Translocation | William Pratt | 1983 | Assoc Professor, Molec Sciences, Univ Tennessee |
| James Respass | Molecular Analysis of Human Ribosomal DNA: Electron Microscopic Analysis of Repeat Length Heterogeneity and Sequence Analysis of the Transcription Termination Region | Roy Schmickel & Wesley Dunnick | 1983 | Photographer |
| Mark Strauch | A Mutation of Escherichia Coli that Inhibits Growth of immP22 Hybrid Bacteriophage | David Friedman | 1983 | Asc Professor, Biomedical Sciences, University of Maryland Dental School |
| Jacqueline Wolfe | Sources of Immunoglobulin Diversity Among Murine Anti-phosphocholine Antibodies of the M511 Idiotype Family | J. Latham Claflin | 1983 | N/A |
| Judith Brown | Plasminogen Activator in Epidermal Homeostasis | Donald Chamers | 1982 | Professor, Univ Minnesota |
| Anne Dranginis | Alternate Ribosomal RNA Processing Pathways in HELA Cells | Lewis Kleinsmith & Golder Wilson | 1982 | Assoc Professor, Biology, St John's Univ, NY |
| W. Richard McCombie | Genetic and Physical Characterization of TN904 | Ronald Olsen | 1982 | Professor, Cold Spring Harbor Laboratory |

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|-------------------------|--|--------------------------------|----------------------|---|
| Mark Shotwell | Characterization of the Neutral Amino Acid Transport Systems in Chinese Hamster Ovary Cells Using Genetic Approaches | Dale Oxender | 1982 | Assoc Professor; Department of Biology, Slippery Rock Univ |
| Ronald Hart | Structure and Expression of a 5s Ribosomal RNA Gene from Syrian Hamster Genome | William Folk | 1981 | Professor, Cell Biology & Neuroscience, Rutgers University |
| David Merberg | Altered Expression of the Biodegradative Threonine Dehydratase in Mutant Strains of Escherichia Coli K12 | Prasanta Datta | 1981 | Director of Informatics, Cell Signaling Technology, Beverly MA |
| Michel Sanders | Mechanism of Action of FSH in the Induction of LH Receptors | A. Rees Midgley Jr. | 1981 | Orthopedic Surgery, Univ Minnesota |
| Julie Jonassen | Gonadotropin Regulation of Granulosa Cell cAMP Accumulation | JoAnne Richards | 1980 | Assoc Professor, Physiology, Univ Massachusetts Med School |
| Paul Overbeek | Sea Urchin Genomic Actin Clones | Lewis Kleinsmith | 1980 | Professor, Dept Molecular & Cellular Biology, Baylor Coll Medicine |
| Mary Bendig | Selection and Analysis of Polyoma Virus Mutants Using Restriction Endonucleases | William Folk | 1979 | Scientist, Tropical Diseases, WHO |
| Marc Collett | Avian Oncornavirus Reverse Transcription In Vitro | Anthony Faras & Donald Clewell | 1977 | Vice President, Discovery Research, ViroPharma, |
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