URP name	University	Advisor	Research Project
Nicholas Hanchak	University of Scranton	D. Hanahan	Transformation efficiency in nucleoside transport mutants of E. coli establishment of beta cell lines from transgenic mice
Stuart MacNeill	University of Glasgow	B. Stillman	Simian virus 40 replication in vitro
Susan McEvoy	University of Wisconsin	R. Roberts	Establishing E1A-producing cell lines and analysis of restriction endonucleasesian vvoy

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			insertions into Arabidopsis plants
Gilbert Henry	UC, Santa Barbara	W. Herr	Transcriptional activation domains
JoAnn Hong	Yale University	D. Bar-Sagi	The effect of GRB2 overexpression in NIH 3T3 fibroblast cells containing moderately high levels of wild type p21 Ras
Fraser Imrie	University of Glasgow	T. Tully	Molecular cloning of linotte, a new learning and memory gene in Drosophila
Ingrid Kelly	Cambridge University	T. Peterson	Purification of antibodies to the P-gene in maize
Laurie Littlepage	University of North Texas		

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Jennifer Ames	University of Pittsburgh	D. Beach	A strong correlation has been established between telomerase activity and cell immortalization
Neeraj Arora	Cambridge University	T. Tully	Planimetric analysis of brain structures in the Drosophila learning mutants latheo and linotte
Rebecca Blankenburg	California Institute of Technology	Y. Zhong	Ras signal transduction pathway involvement in Drosophila synaptic plasticity and cell patterning
Tanita Casci	University of Glasgow	M. Hengartner	The characterization of the genes and molecules that participate in the programmed cell death (PCD) pathway of the nematode worm, C. elegans
Michelle DaCosta	Yale University	A. Stenlund	Examining the interaction of the BPV E2 hinge with the E1 protein.
Katharine Eklof	Rice University	R. McCombie	Analysis of ORF expression in S. pombe
Rebecca Farkas	Yale University	H. Ma	FON1 and floral developmental genetics
Christine Ford	Bellarmine College	E. Grotewold	Characterization of proteins in flavonoid biosynthetic pathway
Nathan Hellman	Yale University	G. Enikolopov	Mechanisms by which synaptic vesicles dock, fuse, and endocytose with the presynaptic terminal membrane during synaptic transmission
Brian D. Hoerneman	University of Wisconsin	B. Stillman	Construction and utilization of multicopy libraries to screen for suppressors of a
Emmitt R. Jolly	Tuskegee University	D. Helfman	Comparisons of protein factors in muscle and non-muscle cell types that may regulate alternative RNA splicing
John Kehoe	Northwestern University	R. Kobayashi	Increasing the sensitivity of protein sequencing
George Laszlo	Oberlin College	A. Silva	Mutations of the NF1 gene in humans lead to the most common inherited

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Milos Tanurdzic	University Novi Sad	E. Grotewold	Identification of additional factors interacting with regulators of flavonoid biosynthesis
Elizabeth Thomas	Evergreen State College	A. Krainer	Characterization of p54, a putative splicing factor
Hung Tran	Columbia University	M. Wigler	Characterization of the binding partners of the tumor suppressor gene PTEN
Keren Witkin	Wellesley College	R.-M. Xu	Purification and preliminary crystallization studies of UNC-69
1998			
Thomas Bridges	Cambridge University	T. Tully	The cloning of the human homologue of the Drosophila learning gene linotte
Brian Chan	Harvard University	M. Zhang	Computational analysis of intronic elements involved in alternative splicing
Curtis Chong	Harvard University	L. Joshua-Tor	Crystal structure of D-cysteine bound to carboxypeptidase A at the 1.75 Å resolution
Serafin Colmenares			

URP name	University	Advisor	Research Project
Natalia Caporale	University of Buenos Aires	Z. Mainen	Individual Recognition and its Neuronal Representation in the Olfactory Bulb
Daniela Cohen	Yale University	Y. Zhong	The Role of Notch in Activity-Induced Synaptic Plasticity
John D'Amore	Harvard University	R. Manilow	The Surface Expression of NMDA Subunits
Ahmed Elewa	Cairo University	M. Hengartner	A Stroll Through the Gonad: Measuring Proliferation Kinetics in the Germ Line of Caenorhabditis elegans"
Sarah Hart	Cambridge University	W. Tansey	The Characterization of the F-box Protein BAA7
Joan Hu	Washington University	R.-M. Xu	Toward the Structural Study of Pre-mRNA Splicing Factors
Mario Izaguirre-Sierra	National University, Mexico	D. Spector	Does Actin Play a Role in Nuclear Structure?
Charles Kopec	Rutgers University	R. Martienssen	Expanding on a Model for Ramosa's Function in Zea Maize
Guillermo Munoz-Elias	Rutgers University	H. Cline	Lending Ears to Silent Synapses: Expression and Regulation of Calcium-Permeable AMPA Receptors in the Retinotectal System of Xenopus
Abdullah Ozer	Bilkent University	Y. Lazebnik	Construction of Single-Chain Antibodies against Caspase-7, Caspase-9, and APAF-1
Ramya Rajagopalan	Cornell University	R. McCombie	Sequencing of a Tomato BAC; Analysis of Promoter Regions of Nodulin-Like Genes in Arabidopsis thaliana
Michael Ryczko	Laurentian University	T. Tully	Adf-1 Transcription Factor and Synapse Formation in Drosophila melanogaster
David Schlesinger	Brigham Young University	L. Van Aelst	Molecular Characterization of Oligophrenin-1
Despina Siolas	St. Johns University	G. Hannon	Developing a phenotype array using RNA interference in Drosophila S2 Cells
Wisuwat Songnuan	Duke University	M. Timmermans	Repression of Homeobox Genes by Rough Sheath-2 in Maize Lateral Organ Primordia
Frederick Tan	Worcester Polytechnic Institute	A. Neuwald	

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Jacqueline Ou	Duke University	M. Zhang	Toward Genome-Wide First Exon Annotation: Computational Prediction and Experimental Protocol
Fatih Ozsolak	Washington University	R. Lucito	Gene Copy Number Changes in Breast and Prostate Cancers
Vishal Patel	University of Illinois	L. Joshua-Tor	Expression, Purification and Crystallization Trials of Candidate Plasticity Gene 15
Marisa Rodriguez	Univerrsity of Houston	A. Mills	Using Chromosome Engineering to Study Functional Genomics
Grace Teng	Yale University	R. Martienssen	Analysis of Schizosaccharomyces pombe Centromeric Transcripts
Boo Shan Tseng	MIT	W. Herr	Life Without HCF-1: A Way to Create Siamese Cells
Lieven van der Veken	Leuven University	L. Van Aelst	Molecular and Cellular Characterization of Oligophrenin and Potential Partners
Sarah Whitcomb	Columbia University	G. Hannon	Attempting to assay RNA dependent RNA-Polymerase Activity
			of a Putative RdRp from Schizosaccharomyces pombe
Elisabeth Wurtmann	Carleton College	M. Timmermans	Regulation of knox Genes by rough sheath2 in maize leaf Initiation
2003			
Emily Anderson	Grinnell College	R. McCombie	Gene Prediction: An Assessment of Tools
Mollie Biewald	Columbia University	J. Dubnau	Oskar and Staufen: Visualizing Memory Formation
Christopher Brown	Clemson University	R. Lucito	Detecting Gene Copy Number Changes in Ovarian Cancer
Jessica Cardenas-Navia	Yale University	Y. Lazebnik	Development and Implementation of a Cell Fusion Tracking Assay
Rittik Chaudhuri	Duke University	D. Jackson	Potential Plasmodesmata Receptors in "Arabidopsis thaliana
Galen Collins	Wabash College	M. Timmermans	Understanding Asymmetric Leaves1 Repression of Knox Genes in Leaf Development
Catherine Del Vecchio		B. Tansey	An Investigation into Mediator Factor Med8 and its Potential
			Role in Ubiquitin-Medicated Proteolysis
Keisha John	University of Maryland	H. Cline	Determination of RNP Granule Composition in Dendrites
Daniel Jones	Pamona College	J. Huang	Characterization of GABAergic Interneuron Connectivity in Neocortex
Rafal Klajn	University of Warsaw	L. Joshua-Tor	Towards the Crystal Structure of BVP Protein E2
Henry Lin	Harvard University	M. Zhang	Comparative Genome Analysis
Gediminas Luksys	International University Bremen	T. Zador	Psychophysical Approaches in Solving the Cocktail Party Problem
Nicholas Manicke	University of Evansville	A. Mills	Investigating the Role of p63 in the Skin
Nin2a Marinsek	Cambridge University	R. Martienssen	The Role of RNAi in Chromatin Modification and its Interaction with DNA Metylation
John McIntyre	National University Ireland	S. Muthuswami	Gene Silencing and Growth Control in 3D Epithelial Cells
C. Michael Minder	University of North Carolina	R.-M. Xu	Exploring the Exon Junction Complex
Gabriel Orebi Gann	Cambridge University	M. Chklovskii	Connectivity and Interaction Strength of Paired Neurons
Shraddha Pai	University of Waterloo	L. Stein	Reconstructing the Evolutionary History of Olfactory Chemoreceptors in C. elegans and C. briggsae
Jonathan Schneiderman	Tel Aviv University	G. Hannon	A Species of RISC: Characterizing the Recruitment of Small Interfering RNA in the RNAi Pathway
Peter Slomiany	Connecticut College	E. Hatchwell	Mapping a Microdeletion using a Myriad of Methods including Microarrays and Polymorphisms
Lieven Van der Veken	Leuven Catholic University Belgium	L. Van Aelst	Oligophrenin, a Study of Interactions
John Walach	MIT	K. Svoboda	The Role of Neural Actin Binding Protein in Dendritic Spines Morphogenesis
Margaret Wat	Duke University	M. Hamaguchi	RNAi Knockdown of DBC2
Christine Wu	UC Berkeley	W. Herr	Investigating the Role of HCF-1 in Mouse F9 Cell Differentiation
Maria Zhadina	Brandeis University	D. Helfman	Characterization of p21 Function in Cell Motility
2004			
Juan Aragon	Armstrong Atlantic State University	G. Hannon	Mapping of the Interaction of the 5' end of the siRNA with Argonaute
Srinjan Basu	Cambridge University	S. Muthuswami	Role of par genes in cell proliferation
Johanna Berberena	Hunter College	J. Dubnau	Expression Study of Long-Term Memory Gene Thor (4E-BP)
Heeran Buhecha	Cambridge University	B. Stillman	Characterisation of hORC1 ubiquitination
Briana Burden	UCLA	L. Van Aelst	Molecular Characterization of DOCK7
John Colarco	University of Toronto	A. Krainer	SMN alternative splicing and Spinal Muscular Atrophy
Carol Cho	Seoul National University	L. Joshua-Tor	
Boaz Gildor	Tel Aviv University	E. Hatchwell	Gene expression analysis in putative centromere position effect
Katrina Gold	Cambridge University	R. Martienssen	How are RNA-dependent RNA polymerases and Dicers involved in
			mic BDC BTleb16( )5(p)-sJET EMC /51<004F>4<00035<0037>EMC ping of the Interactor51<00035<0023>BDC BT1 2-7(a)158>BDC(s)5Boaz Gildor

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Christopher Javadi	University of Texas at Austin	J. Dubnau	Drosophila deficiency mapping using whole-genome tiling arrays
Betty Kong	Rutgers University	V. Mittal	Developing an in vitro assay for studying the function of bone marrow-derived lineage depleted cells in vasculature formation.
Marek Kudla	Warsaw Univeristy	R.-M. Xu	Prp8 - the elusive structure of a crucial spliceosomal component
Scott Millman	Cornell University	A. Krainer	Mutational Analysis of the Oncogenic Activity of SF2/ASF
Alexandra Nica	International University Bremen	R. McCombie	Genome-wide SNPs detection in /Oryza sativa /strains using a massively parallel sequencing strategy
Krishnan Palaniappan	Carnegie Mellon University	B. Stillman	Binding of mitotic cyclins to Cdc6 and ORC as regulators of pre-replication complex formation.
Vanessa Ringgold	University of California at Davis	M. Timmermans	Investigations into the Affects of Asymetric Leaves 1 in Arabidopsis
Margot Rommens	University of Leuven	L. Van Aelst	Oligophrenin: where art thou? Detecting OPHN-specific phage clones for subsequent germ line manipulation in mice
Tasleem Samji	Cambridge University	S. Muthuswami	Silencing Par6a in Breast Epithelial Cell Lines
Christian Sanchez-Jordan	John Hopkins University	R. Lucito	High Throughput RT-qPCR: Narrowing the list of candidate tumor suppressor genes and ovarian other cancers
Nora Seidl	Cambridge University	D. Jackson	Isolation of FEA2 and associated proteins
Victoria Svinti	Nui Maynooth, Ireland	L. Stein	Programmed frameshifts in Paramecium
Thomas Takara	Grinnell College	L. Joshua-Tor	A structural investigation of papillomavirus replication initiation protein E1
Ye Wang	University of Rochester	C. Schultz	To Be Stem Cells, Or Not To Be
Kelly Wetmore	University of California Los Angeles	W. Lukowitz	Mapping Quantitative Trait Loci that modify mutations in SHORT SUSPENSOR, a predicted kinase regulating plant embryogenesis
Laura Wherity	Oxford University	A. Koulakov	Obtaining graded values of synaptic strength in the CaMKII and PP1 feedback loop in neurons
David Wurtz	Olin College of Engineering	Y. Lazebnik	
2006			
Katherine Amodeo	Marist College	V. Mittal	Role of tumor growth factor VEGF in bone marrow-dependent angiogenesis-mediated tumor growth

URP name	University	Advisor	Research Project
Daniel Barabasi			

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Jasmin Fleuranvil	University of Chicago	L. Trotman	The role of Axl as a putative regulator of migration and morphology in prostate cancer