

Team Members	TITLE	Major/Concentration	Dep	Grad or Under	Advisor	table	chair	tri-fold board	Foam Board	Display items
Hyunsoon Kang, Dr. Sophie Le Pogam (Roche), Sonal Rajyaguru (Roche), Sharon Jiang (Roche), Dr. Nick Cammack (Roche), and Dr. Isabel Najera (Roche)	CHARACTERIZATION OF 2-C-METHYL ADENOSINE AND 2-C-METHYL CYTIDINE USING THE HCV SUBGENOMIC REPLICON	Biomedical Laboratory Science	Biolog	G	Dr. Lily Chen and Dr. Isabel Najera (Roche)				5/4	
Kristen Andreatta	INVESTIGATION OF PRES2 MUTATIONS AS EARLY CLINICAL MARKERS FOR DEVELOPMENT OF SEVERE LIVER DISEASES IN CHRONIC HEPTATIS B INFECTION	Biomedical Laboratory Science	Biolog	G	Dr. Joe Romeo					
Ari Akerstein	SIMULATING RAD52 REPAIR PROTEIN KINETICS IN RESPONSE TO DNA DOUBLE STRANDED BREAKS	Cell and Molecular Biology	Biolog	G	Dr. Javier Arsuaga					
Daniel Bravo and Natasha Liu	THE ANTI-OXIDANT GLUTATHIONE IS SYNTHESIZED IN SACCHAROMYCES CEREVISIAE IN RESPONSE TO SALINE STRESS	Cell and Molecular Biology	Biolog	G	Dr. Robert Ramirez					
Karendip Braich	ATF3 TRANSCRIPTIONALLY REPRESSES INTERFERON BETA IN MACROPHAGES	Cell and Molecular Biology	Biolog	G	Dr. Steve Weinstein					
Mimi Ly	EFFECT OF RNA INTERFERENCE-MEDIATED KNOCKDOWN OF ACTIVATING TRANSCRIPTION FACTOR 3 (ATF3) ON INTERFERON-BETA TRANSCRIPTION	Cell and Molecular Biology	Biolog	G	Dr. Steve Weinstein					
Andrei Goga (UCSF), Dr. Chris Benz (UCSF), Dr. Paul Yaswen (UCSF), Dr. Koei Chin (UCSF) and Dr. Joe W. Gray (UCSF)	MICRORNA EXPRESSION PROFILING IN HUMAN BREAST CANCER CELL LINES	Cell and Molecular Biology	Biolog	G	Marquez-Magaña and Dr. Koei Chin (UCSF)					
Rachel Kadzik, Tiffany Barnes, and Lisa Galli	PROLIFERATIVE ROLES FOR PAX3 AND PAX7 IN THE DEVELOPING CHICK SOMITE	Cell and Molecular Biology	Biolog	G	Dr. Laura Burrus					

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Rebecca Fulop	DO YOU KNOW YOUR BRAIN? UNDERSTANDING NOVICES' VS. EXPERTS' CONCEPTIONS ABOUT LEARNING AND MEMORY	Cell and Molecular Biology	Biology	G	Dr. Kimberly Tanner				5/4	
Roberto M. Barrozo	TRANSCRIPTIONAL REPRESSOR ATF3 BINDS TO THE IFN-B PROMOTER IN MACROPHAGES	Cell and Molecular Biology	Biology	G	Dr. Steve Weinstein					
Tobias Sayre	PREDICTING CIS-ACTING ELEMENTS WITH BIOINFORMATIC METHODS	Cell and Molecular Biology	Biology	G	Dr. Zheng-Hui He					
Wendy Rosenthal	MYOTOME PRECURSOR CELL SPECIFICATION AND SOMITIC MYOTOME FORMATION INHIBITED BY LIPID RAFT DISRUPTION IN CHICKEN EMBRYOS	Cell and Molecular Biology	Biology	G	Dr. Wilfred Denetclaw Jr.					
Yurixsa Martinez, Katie Sanders, and Marina Meyerzon	ANALYSIS OF THE INTERACTIONS BETWEEN WNT-3A AND WNT-5A/5B SIGNALING PATHWAYS DURING CHICK DEVELOPMENT	Cell and Molecular Biology	Biology	G	Dr. Laura Burrus					
Anya P. Burdick and Dr. Katharyn E. Boyers	CONTROL OF LEPIDIUM LATIFOLIUM IN SAN FRANCISCO BAY TIDAL WETLAND	Conservation Biology	Biology	G	Dr. Katharyn E. Boyers					
Pedro Morgado, Misha Leong, and Theresa Shelton	PRESIDIO NATIONAL PARK SPIDER BIODIVERSITY ASSESSMENT	Conservation Biology	Biology	G	Dr. John Hafernik				5/4	
Tara Cornelisse	FACTORS AFFECTING MICROHABITAT SELECTION BY THE TIGER BEETLES CICINDELA HIRTICOLLIS AND C.OREGONA (COLEOPTERA: CICINDELIDAE).	Conservation Biology	Biology	G	Dr. John Hafernik					
Jeff Schinske and Dr. Eric Routman	INCIPIENT SPECIATION IN THE DIAMOND TURBOT (<i>Pleuronichthys guttulatus</i>)	Ecology and Systematic Biology	Biology	G	Dr. Eric Routman					
Rachel Hertog and Dr. Peter D. Roopnarine	BIVALVE MORPHOLOGY AND COMMUNITY STRUCTURE IN THE LATE MIOCENE DOMINICAN REPUBLIC	Ecology and Systematic Biology	Biology	G	Dr. Peter D. Roopnarine					

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Allegra Briggs, Dr. Sarah Cohen, and Dr. Wim Kimmerer	AN INTRODUCED COPEPOD IN SF ESTUARY: GENETIC DIVERSITY IN A RECENT INVASION	Marine Biology	Biology	G	Dr. Wim Kimmerer				5/4	
Martin Olson and Rachel Hertog	A FOOD WEB MODEL OF THE SF BAY ECOSYSTEM TO UNDERSTAND THE IMPACT OF INVASIVE SPECIES	Marine Biology	Biology	G	DR. PETER ROOPNARINE				5/4	
Amanda del Rosario, Huy Ngo, and Dave Joun	WHAT ARE THE LEARNING STYLES OF PRE-MEDICAL STUDENTS IN LOWER AND UPPER DIVISION SCIENCE COURSEWORK?	Microbiology	Biology	G	Dr. Jennifer Breckler					
Shaun Baesman	ANAEROBIC GROWTH BY BACTERIA ON TELLURIUM OXYANIONS	Microbiology	Biology	G	Dr. Ed Carpenter					
Arianna Tamvacakis and Dr. Megumi Fuse	ECDYSIS TRIGGERING HORMONE IS ACTIVE IN INTERMOLT LARVAL <i>Manduca sexta</i> NERVOUS SYSTEMS	and Behavior Biology	Biology	G	Dr. Megumi Fuse					
Emily Merchasin and Dr. Megumi Fuse	SENSITIZATION OF DEFENSIVE RESPONSES INDUCED BY NOXIOUS STIMULI IN THE HORNWORM, <i>Manduca sexta</i>	Physiology and Behavioral	Biology	G	Dr. Megumi Fuse					
Hani El Shawa and Dr. Megumi Fuse	THE ACTIONS OF ECDYSIS TRIGGERING HORMONE ON THE VENTRAL NERVE CORD DURING ECDYSIS IN THE TOBACCO HORNWORM, <i>Manduca sexta</i>	Physiology and Behavioral Biology	Biology	G	Dr. Megumi Fuse					
Joanna Lipinski	PREDICTION OF PROTEIN-LIGAND INTERACTIONS USING COMPUTATIONAL MODELS OF ACTIVE SITES	and Behavioral Biology and Computing for Life	Biology	G	Dr. Rahul Singh and Dr. Jonathon Stillman				5/4	
Antonio Luna Jr and Dr. David Stokoe (UCSF)	ISOFORM SELECTIVE PI3-KINASE INHIBITORS IN BREAST CANCER CELL LINES	Cell and Molecular Biology	Biology	G	DR. Leticia Marquez-Magaña and Dr. David Stokoe				5/4	

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Briana McCarthy	EXPLORING UNDERGRADUATE STUDENT CONCEPTIONS OF ENVIRONMENTAL SCIENCE: WHAT ROLE DOES BIOLOGICAL KNOWLEDGE PLAY IN ENVIRONMENTAL LITERACY?	Ecology and Systematic Biology	Biology	G	Dr. Kimberly Tanner					
Russ Jensen, Mike Minton, and Chris Bernt	CONFORMATIONAL CHANGES OF NEURONAL NITRIC OXIDE SYNTHASE AS A FUNCTION OF SUBSTRATE AND COFACTOR BINDING	Biochemistry	Chemistry and Biochemist	G	Dr. Raymond Esquerra					
Chris Cornell	DEVELOPMENT OF NOVEL ANTI-MALARIAL COMPOUNDS THAT TARGET THE P. FALCIPARUM HEAT SHOCK PROTEIN ENZYME	Chemistry	istry and Biochemistr	G	Dr. Cliff Berkman					
Georgi Diankov and Dr. Andrew S. Ichimura	ALKALI-METAL DOPED, NANOSCALE ZEOLITE FILMS AS POTENTIAL OPTOELECTRONIC SENSORS	Chemistry	Chemistry and	G	Dr. Andrew S. Ichimura				5/4... 2	
Jovilynn Olegario	SELENATE REDUCTION BY NANOMETER SCALE ZEROVALENT IRON PARTICLES	Chemistry	istry and Bioch	G	Dr. Bruce A. Manning					
Lenin Parrales, Meden Isaac, and Dr. Ursula simonis	SYNTHESIS OF NOVEL DI-SUBSTITUTED TETRAPHENYLPORPHYRINS AS POTENTIAL AGENTS FOR PHOTODYNAMIC THERAPY OF CANCERS	Chemistry	Chemistry and Bioch	G	Meden Isacc					
Pamela Pablico and Huy Ngo	WHAT ARE THE LEARNING STYLES OF PREMED COMPARED TO NON-PREMED STUDENTS?	Chemistry and Kinesiology	istry and Bioch	G	Dr. Jennifer Breckler					
Anupama Sharma	ONLINE WEB PAGE ALBUM	Computer Science	uter Science	G	Dr. Dragutin Petkovic					

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Arturo Flores, Lala Motlhabi, Rocco Varela, and Elinor Velasquez	NOVEL BAYESIAN NETWORK EVALUATION ALGORITHM FOR DISCOVERING GENE REGULATORY PATHWAYS FROM MICROARRAY DATA	Computer Science	Computer Science	G	Dr. Frank Bayliss, Dr. Hui Yang, Dr. Ilmi Yoon, and Mike Wong				5/4 40x60	
Robert Bierman	MACE: A SIMPLE ALGORITHM FOR LOSSLESS COMPRESSION OF MICROARRAY IMAGES WITHOUT SPOT SEGMENTATION	Computer Science	Computer Science	G	Dr. Rahul Singh					
Scott Bishop	DENSITY-BASED CLUSTERING OF OPTICAL MOTION CAPTURE DATA	Computer Science	uter Science	G	Yoon and Dr. Kate Hamel					
Ben Dalziel	MINING TEMPORAL PLACENTAL MICROARRAY DATA	Computing for Life Sciences	puter Science	G	Dr. Hui Yang					
Emmanuel R. Yera	GENOMEXPLORER: GENOMIC DATA VISUALIZATION	Computing for Life Sciences	uter Science	G	Stanislav V. Volik (UCSF) and	1				lap tops demo
Lin Han	PROTEIN STRUCTURAL ANALYSIS: REALIZING AN AUTOMATIC MAPPING BETWEEN 2D NON-LOCAL PATTERNS AND 3D SUBSTRUCTURES	Computing for Life Sciences	computer Science	G	Dr. Hui Yang					
Matt Lee	PARAMETRIC STUDY ON THE INFLUENCES OF THE SOIL-FOUNDATION-STRUCTURE-INTERACTION ANALYSIS ON A REINFORCED CONCRETE BRIDGE BENT	Civil Engineering	Engineering	G	Dr. Tim D'orazio					
Tim Le	COMPARISON OF UBC 1997 AND IBC 2006 USING STEEL BRACED FRAMES AND STEEL MOMENT FRAMES	Civil Engineering	Engineering	G	Dr. Wenshen Pong and Dr. Norm Owen					

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Akili Anderson	PROFILING OF BIOINFORMATICS APPLICATIONS FOR RECONFIGURABLE COMPUTING SYSTEMS	Electrical Engineering	Engineering	G	Dr. Ying Chen					
Donovan Cheuk	NEW METHODS TO MULTICARRIER MODULATION	Electrical Engineering	Engineering	G	Dr. Todor Cooklev	<u>1</u>			5/4	lap top demo
Thet Oo	NETWORK MONITORING FOR SECURITY PURPOSES USING NETFLOW-BASED OPEN SOURCE SOFTWARE	Electrical Engineering	Engineering	G	Dr. Hamid Shahnasser					
Vishwanadh Tirumalshetty	CLOCK GATING AND NEGATIVE EDGE TRIGGERING FOR ENERGY RECOVERY CLOCK	Electrical Engineering	Engineering	G	Dr. Hamid Mahmoodi					
Robert Humphries	LABORATORY SIMULATION OF GRAVEL AUGMENTATION DOWNSTREAM OF DAMS: THE EFFECT OF HYDROGRAPHS ON SEDIMENT PULSE DYNAMICS	Applied Geosciences	Geosciences	G	Dr. Leonard Sklar				5/4	
Johnathan Brown	AN OPTICAL CHARACTERIZATION OF SAN FRANCISCO BAY WATER	Applied Geosciences and Oceanography	Geosciences	G	Dr. Newell Toby Garfield, Dr. Dale Robinson, and Dr. Tomoko Komada					
Beth Zygielbaum	EXPLORING EARTH-LIKE EROSION MECHANISMS ON A FROZEN MOON	Geology	Geosciences	G	Dr. Leonard Sklar					
Brian Fuller	STEP-POOL SPACING IN A TRAVERTINE SYSTEM, FOSSIL CREEK, ARIZONA	Geology	Geosciences	G	Dr. Leonard Sklar					
Jeff Hansen	QUANTIFYING BEACH RESPONSE TO EPISODIC LARGE WAVE EVENTS, AN EMPIRICAL PREDICTIVE MODEL, OCEAN BEACH, SAN FRANCISCO, CA	Geology	Geosciences	G	Dr. Newell Toby Garfield					

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Jill Marshall	PREDICTING THE GRAIN SIZE DISTRIBUTION SUPPLIED TO RIVER CHANNELS FROM HILLSLOPES	Geology	Geosciences	G	Dr. Leonard Sklar				5/4	
Anastasia Chavez and Chris O'Neill	EXPLORING EHRHART QUASIPOLYNOMIAL PERIODS OF 2-D RATIONAL POLYTOPES	Mathematics	Mathematics	G	Dr. Matthias Beck				5/4... 56x36	
Debbie Lee	THE METABOLIC SYNDROME: A PRECURSOR TO CARDIOVASCULAR DISEASE & DIABETES AND ADOLESCENTS - WHO'S AT RISK?	Mathematics	Mathematics	G	Dr. Mohammad Kafai					
Adam Garland	THE SEARCH FOR BROWN DWARF COMPANIONS AT WIDE SEPARATIONS	Physics	Physics and	G	Dr. Chris McCarthy					
Liliana I. Lopez and Dr. Adrienne Cool	ON THE FEASIBILITY OF DETECTING DETACHED WHITE DWARF/MAIN-SEQUENCE BINARIES IN GLOBULAR CLUSTERS	Physics	cs and Astro	G	Dr. Adrienne Cool					
Rachel Strickler	UNUSUAL WHITE DWARFS IN THE GLOBULAR STAR CLUSTER NGC 6397: SIGNS OF STELLAR COLLISIONS?	Physics	Physics and Astro	G	Dr. Adrienne Cool					
Izhar Batth, Sannah Ladiwalla, Jared M. Greenberg, and Dr. Wilfred Denetclaw Jr.	MBC DISRUPTION OF LIPID RAFTS REVERSIBLY INHIBITS BREAST MUSCLE CELL CULTURE DIFFERENTIATION VIA NITRIC OXIDE SIGNALING	Cell and Molecular Biology	Biology	U	Dr. Wilfred Denetclaw Jr.					
Karen Berry and Natasha Chandiramani	NITRIC OXIDE REGULATION OF MYOTOME DEVELOPMENT BY LIPID RAFT CONSTITUENT NITRIC OXIDE SYNTHASE IN CHICKEN EMBRYO	Cell and Molecular Biology	Biology	U	Dr. Wilfred Denetclaw Jr.					
Michael Sanchez, Franchie H. Chu, Bonnie Afonin, and Dr. Carmen Domingo	EMBRYONIC CELLS DEPLETED OF MATERNAL BETA CATENIN REMAIN COMPETENT TO DIFFERENTIATE INTO DORSAL MESODERMAL DERIVATIVES	Cell and Molecular Biology	Biology	U	Dr. Carmen Domingo					

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Myra Grace A. dela Pena	CHANGES IN DIURETIC HORMONE IMMUNOREACTIVITY IN TRANSVERSE NERVES OF THE TOBACCO HORNWORM, <i>Manduca sexta</i>, SUGGEST A ROLE DURING ECDYSIS	Cell and Molecular Biology	Biology	U	Dr. Megumi Fuse					
Seung Jong Lee	NITRIC OXIDE DYNAMIC MOVEMENT IN EPITHELIAL AND MUSCLE TISSUE CELLS IN CHICKEN EMBRYO BY TIME-LAPSE ANALYSIS	Cell and Molecular Biology	Biology	U	Dr. Wilfred Denetclaw Jr.					
Teresa F. Reyes and Dr. Sally G. Pasion	IDENTIFICATION AND CHARACTERIZATION OF SCHIZOSACCHAROMYCES POMBE TELOMERASE RNA GENE	Cell and Molecular Biology	Biology	U	Dr. Sally G. Pasion					
Yessica Martinez, Mike Oda, Giorgio Cavigiolo, and Ethan Geiei	DETERMINATION OF HELICAL ORIENTATION OF APOA-1 HELICAL CORE BUNDLE	Cell and Molecular Biology	Biology	U	Dr. Leticia Marquez-Magaña					
Amelia Rodelo	SALINITY TOLERANCE IN INVASIVE ASCIDIANS	Ecology and Systematic Biology	Biology	U	Dr. Sarah Cohen					
Lorna Watt, Brendan Colloran, Dr. Gretchen LeBuhn	EXPLAINING PATTERNS OF COMMUNITY TURNOVER IN SIERRAN BUMBLEBEE METACOMMUNITIES WITH PROJECTION MATRIX MODELING	Ecology and Systematic Biology	Biology	U	Dr. Gretchen LeBuhn					
Allison Dias and Dr. Megumi Fuse	IDENTIFYING AN APPROPRIATE BLOOD SUGAR ASSAY FOR THE TOBACCO HORNWORM, <i>Manduca sexta</i>	and Behavioral Biology	Biology	U	Dr. Megumi Fuse					
Heath Kornblum and Dr. Marc Andersen	MOLECULAR DYNAMICS SIMULATION FOR THE LABORATORY	Biochemistry	istry and Biochemistry	U	Dr. Marc Andersen and Dr. Cliff Berkman				5/4	
Helen Lee and Mohamad Azimi	A NOVEL APPROACH FOR THE INDEPENDENT SYNTHESIS OF 2[3H]OXAZOLINONES	Biochemistry	istry and Biochemistry	U	Dr. Ihsan Erden				5/4	

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Judy Szeto, Dr. Marc Anderson, and Dr. Cliff Berkman	SYNTHESIS OF RADICOL INSPIRED INHIBITORS OF Hsp90 AS ANTI-MALARIAL AGENTS	Biochemistry	Chemistry and Biochemistry	U	Dr. Cliff Berkman				5/4	
Khin Sandi Shine, Khin Oo, Mike Minton, and Kay Saw	EFFECT OF NONENZYMATIC GLYCATION AND AGE FORMATION ON THE SECONDARY AND TERTIARY STRUCTURE OF HUMAN SERUM ALBUMIN	Biochemistry	Chemistry and Biochemistry	U	Dr. Raymond Esquerra				5/4	
May Lin	PHOSPHORAMIDATE INHIBITOR OF PROSTATE SPECIFIC MEMBRANCE ANTIGEN	Biochemistry	Chemistry and Biochemistry	U	Dr. Cliff Berkman				5/4	
Richelle Raagas and Damon Robles	EFFECT OF NONENZYMATIC GLYCATION ON THE AUTO-OXIDATION KINETICS OF ADULT HUMAN HEMOGLOBIN	Biochemistry	Chemistry and Biochemistry	U	Dr. Raymond Esquerra				5/4	
Hanine Rafidi	BIOCHEMICAL APPROACHES USED TO STUDY EXTENDED SUBSTRATE SELECTIVITY OF TRYPSIN	Biochemistry	Chemistry and Biochemistry	U	Dr. Teaster Baird, Jr				5/4	
Timothy Acker	INVESTIGATING THE CONTRIBUTION OF THE S1' POCKET OF TRYPSIN TO SUBSTRATE RECOGNITION	Biochemistry	Chemistry and Biochemistry	U	Dr. Teaster Baird, Jr				5/4	
Alberto Luis, Jasmin Kristianto, Sharon Woo, and Yu His	ALLOSTERIC ACTIVATION OF SOLUBLE GUANYLATE CYCLASE BY 3-(5-HYDROXYMETHYL-2-FURYL)-1-BENZYL-INDAZOLE	Chemistry	Chemistry and Biochemistry	U	Dr. Nancy C. Gerber					
Brian Blank and Dr. Cliff Berkman	SYNTHESIS OF A NEW DIAGNOSTIC AGENT FOR PROSTATE CANCER	Chemistry	Chemistry and Biochemistry	U	Dr. Cliff Berkman				5/4	
John Sczepaniak	SEPARATION OF SPIROGRAPHS AND ISO-SPIROGRAPHS PORPHYRIN DIMETHYL ESTER ISOMERS VIA NORMAL PHASE HPLC	Chemistry	Chemistry and Biochemistry	U	Dr. Ursula Simonis and Meden Isaac			5/1	5/1	

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Eric Gregory	GUITAR SYNTHESIZER USING KARPLUS-STRONG PLUCKED STRING SYNTHESIS	Computer Science	Computer Science	U	Dr. William Hsu			4/27		4 ft piano, laptop
Taeil Goh and Ryan West	VISION-BASED DETECTION OF VISUALLY DISSIMILAR OBJECTS	Computer Science	Computer Science	U	Dr. Kaz Okada	1				lap tops demo
Trevor Blackstone	LINKING OF CHROMOSOMES DURING INTERPHASE	Computer Science	puter Science	U	Dr. Javier Arsuaga				240x80	
Guy Halperin, Quint Herrmann, Haislip Hayes, Adrian Gotauco, Jeff Quock, Jeremy McGee, David Hungerford, Wendy Zambrano, and Azin Zarei	STEEL BRIDGE TEAM	Civil Engineering	Engineering	U	Dr. Norman Owen					
Israel De La Cruz, Jerry Wong, Keith Fang, Yu Rong Zong, and TzeYee Tsang	SFSU-LAKE MERCED WOOD BRIDGE	Civil Engineering	Engineering	U	Dr. Wenshen Pong	<u>1</u>				1x2 ft bridge model, lap top
Paul Barradas, Dalia Corpus, Chester Gatdula, Consen Cheng, and Marc Guinto	STRAIGHT ARCH	Civil Engineering	Engineering	U	Dr. Wenshen Pong					
Raul Borromeo, Stacey Lee, Jason Tubon, Jasper Recidoro	LAKE MERCED WATER TREATMENT FACILITY DESIGN	Civil Engineering	Engineering	U	Dr. Elahe Ensanni	1				3x2
Warfa Aden, Christopher McAllister, and Awni Taha	HIGH RISE FOUNDATION DESIGN	Civil Engineering	Engineering	U	Dr. Timothy D'Orazio					
Babak A. Sar Ashki	DIGITAL IC DESIGN FLOW	Computer Engineering	Engineering	U	Dr. Hamid Mahmoodi					

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Steve Jain and Mikhail Levitskiy	GPS/INU GUIDED AUTONOMOUS VEHICLE	Computer Engineering	Engin	er	ing U	Dr. Ying Chen and Dr. Hamid Mahmoodi	1		5/4	NO vehicle 1x1.2' and two or three
Anton Suryana, Karen Chan, Michael Solivan, and Ricardo Marangco	CLASS D AUDIO AMPLIFIER	Electrical Engineering	Engin	er	ing U	Dr. Tom Holton, Dr. Hamid Shahnasser				
Edward Mazmanian, Luis Eguizabal, and Juan Carlos Alfaro	AUTOMATIC VIOLIN TUNER	Electrical Engineering	Engin	er	ing U	Dr. Tom Holton				
Lamont Lucas	EdinBORG	Electrical Engineering	Engin	er	ing U	Dr. Tom Holton	1	5/2		2x4x2 loud demonstr
Paul Bonilla, Michael Cheung, and Maria Silva	VIC: VOICE INPUT CAR	Electrical Engineering	Engin	er	ing U	Dr. Tom Holton	1			show video on laptops
Said Abdelwafi, Prabhjot Kaur, and Aldo Bacuzzi	THE POWER SHOE	Electrical Engineering	Engin	er	ing U	Dr. Hamid Shahnasser and Dr.				
Sampson Ho, Chi Lin, and Chi Kin Ho	MICROMOUSE	Electrical Engineering	Engin	er	ing U	Dr. Hamid Shahnasser		4/30		
Alex Polonsky, Jorge Corona, Daniella Dragon, Kevin Morgan, Anthony Truong, Yousef Golsorkhi, Jay Coquilla, and Jose Coto	SFSU HUMAN POWERED VEHICLE	Mechanical Engineering	Engin	er	ing U	Dr. A.S. Ed Cheng and Dr. Michael Holden	0			7 feet car
Blake Boyer, Waylan Choy, Sean Estill, and Adrian Hairrell	DESIGN OF COMPETITIVE GO-KART FRAME	Mechanical Engineering	Engin	er	ing U	Dr. A.S. Ed Cheng and Dr. Dipendra Sinha				

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David Kang, Shadow Moyer, Mark Ritchie, and Matt Suidan	SMALL-SCALE WIND TURBINE	Mechanical Engineering	Engineering	U	Dr. Dipendra Sinha					
Donald Best III and Steven Gong	STIRLING ENGINE	Mechanical Engineering	Engineering	U	Michael Strange					
Eric Placido, Edward Dizon, Joseph Flores, and Willis Wong	CONTINUOUSLY VARYING TRANSMISSION (CVT) PROTOTYPE	Mechanical Engineering	Engineering	U	Dr. A.S. Ed Cheng and Dr. Dipendra Sinha					
Gaunt Murdock, James Bottomley, Donald Best III, Estuardo Ramirez, and Conmin Cheng	FUEL GUARD	Mechanical Engineering	Engineering	U	Dr. A.S. Ed Cheng	1		picked up		large
Gong Ye Chen, Anthony Freggiaro, Sang Chul Lee, and Alex Rivera	ANIMAL: THE MIDI CONTROLLED PNEUMATIC DRUMMER	Mechanical Engineering	Engineering	U	Dr. A.S. Ed Cheng and Dr. Michael Holden	1		4/30		electronics for Drum
Marshall Rice, Holly Gothard, and Jesse Gwynne	R.E.A.C.H. BIOBOT	Mechanical Engineering	Engineering	U	Dr. A.S. Ed Cheng and Dr. Michael Holden	0			5/4	2 ft wide wall and biobot
Nikola Kravik, Jesse Lee, Harpreet Singh, and Oluwatoberu Thomas	5TH WHEEL	Mechanical Engineering	Engineering	U	Dr. A.S. Ed Cheng	1				5x1 feet wheel

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Rodolfo Bustos, Henry Jones, Jimmy Xia, Randy Yoshimura, and Greg Zuber	MINI-MILLING MACHINE	Mechanical Engineering	Engineering	U	Dr. Dipendra Sinha and Dr. A.S. Ed Cheng					
Steven Gong and Donald Best III	FLASH CANNON	Mechanical Engineering	Engineering	U	Michael Strange					
Jonathan Perkins	ESTIMATING BEDROCK INCISION RATES USING COSMOGENIC RADIONUCLIDE CONCENTRATIONS OF STRATH TERRACE GRAVELS ALONG BULLFROG CREEK, UTAH	Geology	Geosciences	U	Dr. Leonard Sklar				5/4	
Skye Corbett	THE ROLE OF SEQUENCES OF CHANNEL-SPANNING POTHOLES IN THE TRANSIENT EVOLUTION OF A WEAKLY DISSECTED BEDROCK LANDSCAPE, HENRY MOUNTAINS, UTAH	Geology	Geosciences	U	Dr. Leonard Sklar				5/4 2...3 6x65	
Andrew Herrmann and Nicholas Normandin	MOVEMENT OF LATTICE KNOTS AND DNA	Mathematics	Mathematics	U	Dr. Mariel Vazquez					
Juliet Portillo and Trevor Blackstone	DNA UNKNOTTING BY TYPE II TOPOISOMERASES	Mathematics	Mathematics	U	Dr. Mariel Vazquez					
Daniel Shuldman and Simon Huang	GUIDING LIGHT: IN PERIODIC STRUCTURES	Physics	Physics and	U	Dr. Zhigang Chen					

DISPLAY ONLY

Rajani Kuchipudi	STRAIN SILICON OPTIMIZATION FOR LOGIC AND MEMORY IN NANO-SCALECMOS.	Computer Engineering	Engineering	G	Dr. Hamid Mahmoodi					
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Lisa Yong Wu, Jacinda Do, Marat Kazak, Helen Page, Yoko Toriyabe	PHOSPHORAMIDATE DERIVATIVES OF HYDROXYSTERIODS AS INHIBITORS OF PROSTATE-SPECIFIC MEMBRANE ANTIGEN	Chemistry	Chemistry and Biochemist	G	Dr. Marc O. Anderson and Dr. Clifford Berkman					
Yessica Martinez, Dr. Mike Oda , Dr. Giorgio Cavigiolo, and Ethan Geiei	SITE DIRECTED MUTAGENESIS OF APOLIPOPROTEINA-1, AT RESIDUES 134-145, RESULT IN LOSS OF LIPID BOUND 7.8NM DISC	Cell and Molecular Biology	Biology	U	Dr. Leticia Marquez-Magaña					