Loc. Proj. Num. Te	am Field G	end	er Students	Title
Y86 061-110-G2	T BehavSci	F	Zoe Stern & Raya Farber	What is the effect of color on the appearance and timing of afterimages?
Y88 061-210-91	PlantSci	F	Samantha Togliatti	Fish versus Soil.
Y89 061-220-51	PlantSci	F	Hemani Kamarshi	Monitoring Amounts of Vitamin C in Fruits When Cut and Left in a Refrigerator for Different Amounts of Time
Y90 061-230-11	PlantSci	F	Ada Yoder	Can plants survive without sunlight?
Y91 061-240-D2	T PlantSci	М	Lane Redondo & Magdiel Venegas	What helps soil?
Y93 061-250-A1	PlantSci	F	Navaih Ruiz	Plant Light Maze
Y96 061-260-61	PlantSci	М	Praneel Shah	Investigating the Effect of Excess Carbon Dioxide on Plant Growth through Dry Ice
Y97 061-270-12	T PlantSci	F	Kacie Le & Teresita Cortez	"How's it GROWing, plant?"
Y99 061-280-F1	PlantSci	F	Mia Jones	How Different Types of Water Affect the Growth of French Marigolds
P99 061-290-B1	PlantSci	М	Krish Maheshwari	Effect of Wi-Fi signals on the growth of pea shoot plants.
P98 061-310-11	AnimalSci	М	Abbubakar Ansari	Compost Compost What is the effect of specific food sources on worm livelihood?
P97 061-320-E1	AnimalSci	М	Julian Aguirre	Dog Medics
P96 061-420-61	BiocheMic	F	Maryam Ismail	Eliminating the Zit: Finding an Effective Treatment for Exterminating Bacteria
P95 061-430-21	BiocheMic	F	Naisha John	What is the effect of heat pretreatment of milk and fermentation
				temperature on the fermentation speed of yogurt?
P94 061-440-F1	BiocheMic	F	Saanvi Bhargava	Sweet or Sour: Which Yogurt Culture Makes Better Yogurt at Home
P93 061-610-B1	MedHeaSci	М	Rishab Perati	Evaluating the Protective Effects of Commercially Available
				Nutritional Supplements on Genetically Induced Cancer Models
P92 061-620-71	MedHeaSci	М	Samarjit Deshmukh	The Anticoagulant Properties of Garlic, Ginger, Turmeric and Fish Oil
P91 061-630-31	MedHeaSci	F	Diya Kumar	Organic: The Healthier Option or Just a Scam?
P90 061-640-G1	MedHeaSci	М	Aarush Gogineni	The Effect of Different Foods on the Concentration of Glucose based
				on Glycemic Index after Digestion
P89 062-A11-C1	Chemistry	М	Vir Bhutani	Which Natural Fat is the Most Unsaturated?
P88 062-A20-A1	Chemistry	М	Aidan Miranda	A Greener Environmentally Friendly De-icing Solution
P85 062-A21-81	Chemistry	F	Sophia Liu	What Foods Mold The Fastest, And What We Can Do To Prevent It.
P84 062-A30-61	Chemistry	М	Mamoon Khan	Effect of Concentrations of Ammonium Nitrate on the Temperature of a Cold Pack
P83 062-A50-F1	Chemistry	М	Jared Saal	How Particle Size Affects Viscocity In Chocolate
P82 062-A70-62	T Chemistry	F	Vera Gan & Theodora Lei	Finding Sugar levels in different Ice cream brands
P80 062-A80-31	Chemistry		Rohit Mekkoth	Fuel Cells to the Rescue
P79 062-A90-F2	T Chemistry	F	Tamar Segev & Talya Schube & Julie Stein	Sugar Rush: Will using different types of sugar to make popular
				candies affect the texture?
P77 062-B10-61			Rithvik Desaraju	Bio-degradable Lemon Battery
P76 062-B20-21	CheEnvEng	М	Rohan Wilmot	The Effect of Various Substances on Water Evaporation Suppression
P73 062-B30-F1	CheEnvEng	M	Kyle Morley	Differences between the amount of volts created by a solar cell with
				different materials protecting it
P72 062-C10-F1	EarEnvSci		Anvit Mishra	Harvesting The Rain Water
P71 062-C11-D1	EarEnvSci		Rishi Prasad	What is the effect of acid rain (low pH/acidic precipitation) on plant life?
P70 062-C21-91	EarEnvSci	М	Paulo Cho	What is the effect of air pollution and weather on solar cell output?
P69 062-C30-71	EarEnvSci	М	Vaibhav Rau	Suppressing Evaporation
P68 062-C40-22	T EarEnvSci	М	Arin Kathapurkar & Harsha Manamala	Duck Cover Hold

Loc. Proj. Num. Team Field	Gender Students	Title
P66 062-C50-F2 T EarEnvSci		Edible Membranes to Protect the Environment
N66 062-C60-C1 EarEnvSci	F Shreya Ghoshal	Effect of Pesticides and Chlorine on Aquatic Life
N67 062-C70-81 EarEnvSci	F Rebecca Sicotte	Carbon Dioxide's Effect on Air Temperature
N68 062-C80-41 EarEnvSci	M Jason Tsioutsiouliklis	The effect of the distance and the types of the mobile devices on the
		amount of radiation measured.
N69 062-C90-H1 EarEnvSci	M Ayush Ghosh	Reducing Ocean Acidification Using Aquatic Plants
N70 062-D10-71 PhysAstr	M Ian Widjaja	Optimal Fingering Position for Fortissimo Piano Playing.
N71 062-D11-51 PhysAstr	M James Tsaggaris	The Effect of Heat on the Strength of Ferrite Magnets
N72 062-D20-31 PhysAstr	F Hannah Grayeski	What is the ideal length for a mechanical pencil not to break?
N73 062-D21-11 PhysAstr	F Oishee Bhattacharyya	The Effect of Propeller Length on Efficiency
N76 062-D30-G1 PhysAstr	M Wilson Petersen	Super Fastener
N77 062-D31-E1 PhysAstr	M Shawnuk Ballal	What is the effect of common household materials on volume dampening?
N78 062-D40-C1 PhysAstr	F Maya Schechtman	Magnetism and Temperature
N79 062-D41-A1 PhysAstr	F Allison Gallegos	What is the effect of popcorn brand on the amount of kernels not popped?
N80 062-D50-81 PhysAstr	F Samanya Girish	Novel and Accurate Method to Measure the Performance of a Linear Accelerator
N81 062-D60-41 PhysAstr	M Ishan Juluri	The Effect of Tuned Mass Dampers on Oscillating Buildings
N82 062-D70-G2 T PhysAstr	M Jerry Wang & Ethan Leung	Project Testing: Finding the Best Golf Ball
N84 062-D80-D1 PhysAstr	M Aahan Shah	Effect of Mass and Thrust on the Speed of Propeller Zipline Cable Car
N85 062-D90-91 PhysAstr	M Aambhi Patel	The effect of force on distance traveled by an object.
N88 062-E10-G1 ElecEng	M Hamza Ali	Measuring radiation from my phone
N89 062-E20-C1 ElecEng	M Daniel Rohim	Effect of Battery Performance at Different Temperatures
N90 062-E30-81 ElecEng	M Krish Kalra	Electromagnetic Induction
N91 062-E40-32 T ElecEng	M Neel Jagdish & Siddharth Phatak	Blue Light Exposed
N93 062-E50-G2 T ElecEng	M Anish Bhethanabotla & Aadtiya Mahajan	An elegant and cost effective way of measuring air quality using Arduino
N95 062-E60-C2 T ElecEng	M Samuel Fong & Stephen Jeyakumar	What materials can block a wifi signal?
N97 062-E70-91 ElecEng	M Ayush Sodani	What is the effect of more turns in the coil on the amount of electricity created?
N98 062-F20-32 T MechEng	M Isaac Zucker & Doron Bentov & Ori Gillai	The WASP (wearable aerosol spray protection)
м99 062-F30-H1 MechEng	M Sean Gustavson	How to Cheat at Clash of Clans: Engineering a Machine to
		Repeatedly Tap on an iPad
M98 062-F40-D1 MechEng	M Hrishikesh Ankireddi	Impact of Ice on Aircraft Engines
M97 062-F50-82 T MechEng	M Elijah Cedar & Mason Golub & Benjamin Zukin	Maglev Train
м95 062-н10-91 SoftEng	M Aaryan Doshi	Fight the Fire: An Innovative Software-Based Approach to Fire
		Prevention and Protection using Android Development
м94 062-н20-51 SoftEng	M Brandon Do	The Self-driving Car
м93 062-н30-н2 T SoftEng	^F / _M Micah Nassi & Anna Suvorova	Sound Adventure: An audio and touch-based game for people with limited vision
M91 071-110-21 BehavSci	F Airis Yeung	Colorful Perceptions
м90 071-120-F1 BehavSci	F Niti Reddy	ColorMania
м89 071-130-в1 BehavSci	M Noah Fond	Tempo Master: Testing Human Sensitivity to Tempo Changes
M85 071-140-62 T BehavSci	F Annabel Honigstein & Ariela Steinberg	Perception can be deception: What is the affect of age on selective attention?
M83 071-210-A2 T PlantSci	F Ruhi Batchu & Vyshnavi Katta	Watering Efficiently
M81 071-230-31 PlantSci	M Rohit Khorana	Which Plant is the Least Flammable

Loc. Proj. Num. Tean	n Field Ge	ender Students	Title
M80 071-240-G1	PlantSci	M Jon Gleixner	The Effect of Color on the pH of Carrot Juice.
M79 071-260-72 T	PlantSci	M Francisco Martin & Jorge Guhe	Sideways Plants vs Right Side Up Plants
M77 071-280-H1	PlantSci	M Christian Degnan	The Power of EMF
M76 071-310-31	AnimalSci	M Adam Feldman	Technologically advanced humane rodent trap
M73 071-411-92 T		F Lillian Kaelber & Eva Talamantez	How does the amount of algae in water affect the size of the
			microorganism population?
M71 071-420-81	BiocheMic	M Austin Hu	Is Mouthwash as Effective as It Claims?
M70 071-430-41	BiocheMic	F Diya Kadadi	Bioplastics from Biowaste
M69 071-440-H1	BiocheMic	F Lyla Elaydi	The effect of different coffee concentrations on the growth of E.coli
M68 071-450-D1	BiocheMic	F Tanisha Gupta	What is the Effect of Different Levels of Insect Repellent Containing
			DEET on the Viability of bacteria found on humans?
M67 071-460-91	BiocheMic	M Rithvik Chavali	Do UV rays affect enzymatic concentration in certain fungi?
M66 071-470-51	BiocheMic	F Iffat Alamgir	The Effect of Nanosilver in Consumer Products on Daphnia Magna in Different pH's
L66 071-480-11		M Shreyas Kapavarapu	Do oils with high MCT digest faster?
L67 071-620-91	MedHeaSci	M Sadik Aref	Investigating effects of decongestant and coenzymeQ-10 on the heart rate of Daphnia
L68 071-640-11	MedHeaSci	F Sudeepthi Ravipati	Sunscreen Science
L69 071-660-A1		F Safia Peer	What is the effect of cooking on the vitamin c content of potatoes?
L70 071-680-21	MedHeaSci	F Manasvi Duggirala	Understanding the importance of healthy fats in repairing Myelin Sheath.
L71 071-710-51	BiomedEng	M Abdullah Anwar	Developing an Artificial Pancreas
L72 071-711-22 T	BiomedEng	F Diya Desai & Anika Dontu	Blood Filtration Device
L76 071-720-11	BiomedEng	F Fatimah Ismail	Developing a Realistic Model of an Artificial Pancreas to Deal with Type 1 Diabetes
L77 071-730-E1	BiomedEng	M Yashnil Saha	A Novel Approach to Measure Human Emotions Electronically Using
			Arduino Pulse Sensor
L78 071-740-92 T	BiomedEng	F Anushka Rala & Pranathi Ravipati & Sanjana Yeluri	Acoustics for ADHD
L80 071-750-52 T	BiomedEng	F/ _M Aasees Sandhu & Nadine Paula Ngo	The Smart Socket?
L82 071-760-21	BiomedEng	M Andrew Nguyen	Electroactive Polymer (EAP) Prosthetic Hand
L83 071-780-A2 T	BiomedEng	M Abhinav Harikrishna & Tanish Swarnapuri	Need A Hand
L85 071-790-62 T	BiomedEng	M Ben Freda-Eskenazi & Navon Soussan & Dov Morris	Medkit AI: developing a CNN (Convolutional Neural Network) to
			diagnose skin level injuries, and conditions
L88 072-A10-G1	Chemistry	F Sreya Sreenivasan	Effect of water temperature on the brightness of luminol
L89 072-A20-C1	Chemistry	F Meera Misra	Acid and Algae
L90 072-A21-A1		F Himani Manjunath	Natural Water Purifier: Using Banana Peels to Remove Lead From Water
L91 072-A30-81	Chemistry	F Aziza Mohammed	Investigating Kombucha biofilm as an alternative for other flexible materials
L92 072-A40-41	Chemistry	M Albert Yu	What is the effect of acetone solutions on the removal of spray paint on surfaces?
L93 072-A50-H1	Chemistry	M Henry Yao	From Food Waste to Food Guard: Creating Chitosan-Based
			Bioplastic, and Its Effect on Food Packaging and Preservation
L94 072-A60-D1	Chemistry	M Joshua Lang	How well do different types of sponges absorb water?
L95 072-A70-91	Chemistry	M Harrison Wilmot	Which Bubble Solution is Best?
L96 072-A80-42 T	Chemistry	F Claire Tsai & Aralyn Connolly	The effect of temperature and light exposure on pigments in picked leafy greens
L98 072-B10-81	CheEnvEng	M Jonathan Yu	A Simple Way to Save Oceans
к99 072-В11-52 Т	CheEnvEng	M Ryan Raphael & Devin Wong & Sean Tsui	Sustainable Plant Growth Anywhere, Anytime
		P 0 (00	0 1 2 20 20 20 20 20 20 20 20 20 20 20 20 2

Loc. Proj. Num. Te			Title
K97 072-B12-41		M Rayan SenGupta	Clean Water Transportation
K96 072-B20-41		Sharon Mathew	Reducing Global Warming Using Limestone
К95 072-В22-Н1	CheEnvEng I	M Adhav Saravanan	Harnessing Wind Power Using Household Items
К94 072-В30-Н1	CheEnvEng I	M Sahas Goli	Filter of the Future
K93 072-B31-E2	T CheEnvEng I	Vedavi Kavoori & Nithya Appannagaari	Engineering a Flood Proof Safety Crate
K91 072-B32-D1	CheEnvEng I	M Rohan Lingam	UVPro: Increasing Oxygen Levels in Spacecrafts by Recycling O2
	-	•	from the CO2 Molecule using Simulated UV Light
K90 072-B41-B1	CheEnvEng I	Isabelle Shay	Comparing Plants' Ability to Block Phosphate
K89 072-B42-91	CheEnvEng I	Kelly Winter	Car Exhaust Filter
K88 072-B50-91	CheEnvEng I	M Neel Sudhakaran	A New Fuel Cell Design
K85 072-B51-71	CheEnvEng I	Gael Neighbors	Which type of starch makes a stronger bioplastic?
K84 072-B52-51	CheEnvEng I	Sangyani Sinha	AquaWise: An Intelligent Irrigation System
K83 072-B60-51	CheEnvEng I	Anagha Badriprasad	Biofuel: Testing Alternative Sources for Sustainable Biodiesel Production
К82 072-В70-Н2		M Ashar Siddiqui & Neel Sharma & Kabir Sahni	Improving Oil Cleanup Equipment To Help Clean Up Oil Spills
		M Muntazir Mohamed & Tanish Kumar	PICO-Green Energy
K78 072-B81-C1	CheEnvEng I	M Sidharth Kalje	Water-Efficient Sprinkler System
K77 072-B90-92	T CheEnvEng I	M Jeremy Flint & Ryan Co & Noah Barlahan	Making Hydropower More Environmentally Friendly
		M Ari Katsav & Elan Smyla	Capturing Carbon Dioxide
K71 072-C10-H1	EarEnvSci I	M Eshan Rachapudi	Extracting Water from Humidity
K70 072-C11-F1	EarEnvSci I	M Keith Maben	What is the Effect of Nontoxic Surfactants on Dispersing Oil Spills?
K69 072-C20-D1	EarEnvSci I	M Cameron Nguyen	A Stethoscope for Geysers: Can variations in nozzle pressure predict eruption?
K68 072-C21-B1	EarEnvSci I		Impact of disposable water bottles on our oceans
K67 072-C22-91	EarEnvSci I	Josephine Kwok	Iodide Content in Salt
K66 072-C30-91	EarEnvSci I	M Rushil Saraf	Green Cooling
J66 072-C31-71	EarEnvSci I	M Brandon Tsai	The Moisture Trap
J67 072-C32-51	EarEnvSci I	Ashwini Paramesh	Can Sphagnum Moss clean our fresh water lakes and ponds?
J68 072-C40-51	EarEnvSci I	Dashmi Singh	Agrofuel: The Future
J69 072-C41-31	EarEnvSci I	Madeline Schumann	BiNodegradable
J70 072-C42-11	EarEnvSci I	Nicole Tsioutsioulikli	The effect of the material at the bottom of the desalination device on
			the amount of the water produced by condensation.
J71 072-C50-H2	T EarEnvSci F	M Nikhil Ramkrishnan & Marisa Malto & Sanjay Selvakumar	The Wildfire Drone and Fire Detection System
J73 072-C51-G1		M Julian Schultz	Can Your Sweatshirt Save You? How effective are fabrics at
			lowering the particulate concentration of polluted air?
J76 072-C52-E1	EarEnvSci I	M Nilansh Ghosh	Search for a Low-Cost Material to Improve Air Quality.
J77 072-C60-E1		M Rohit Vakkalagadda	Benevolent Bioplastics: What is the effect of the materials used to
		ŭ	make a bioplastic bag on the mass it can hold?
J78 072-C61-C1	EarEnvSci I	Ava Hultquist	Do cities make rivers dirtier? Measuring the change of biotoxicity and
			organic chemical content of my city's rivers
J79 072-C62-A1	EarEnvSci I	M Vedant Janapaty	Water conservation - Drastically reducing surface water evaporation
2.5 0.2 002 111			with improved water delivery techniques
J80 072-C70-A1	EarEnvSci I	- Khadeejah Khan	Are green detergents safer for the environment compared to
000 072 070 111		Taladoojan Talah	The great detergence saler for the crivilatinian compared to

Loc. P	roj. Num. Tea	m Field	Gend	er Students	Title
					conventional detergents?
J81 07	2-C71-72 T	EarEnvSci	F	Ava Alexander & Ashukem Taku	Water on water?
J83 07	'2-C72-61	EarEnvSci	F	Katrina Surprenant	Which easy water filter works best
J84 07	'2-C80-61	EarEnvSci	М	Ameen Elshareif	Which Fabric is Most Biodegradable?
J85 07	'2-C90-21	EarEnvSci	F	Sonia Swamy	BioDeDye: An eco-friendly, low-cost, agro-waste biosorbent for the
				•	reduction of dye contaminants in aqueous wastes
J88 07	'2-C91-H1	EarEnvSci	М	Andrew Chandra	How Does Acid Rain Affect Plants?
J89 07	'2-D10-91	PhysAstr	F	Nazle Rohim	Effect of Magnetic Fields on Water Flow
J90 07	'2-D11-71	PhysAstr	F	Sasha Wang	Wom Wom Wom: The Effect the Length a Rear Car Window is
		•		· ·	Opened on the Loudness of Side Window Buffeting
J91 07	'2-D20-51	PhysAstr	F	Hoshita Undella	Testing blade angles, number of blades and blade designs of a Wind
		•			Turbine for Maximum Voltage Output
J92 07	'2-D21-31	PhysAstr	F	Wyndia Ohm	Mystery Spot: Does Physics, mainly those used by aerospace
		•		•	scientists contradict the claim of gravitational anomaly?
J93 07	'2-D30-11	PhysAstr	F	Paulina Xu	A New Way Of Travel
J94 07	'2-D31-G1	PhysAstr	F	Amrit Kohli	The Effect of Height and Friction on a Car's Ability to Make it Through a Loop
J95 07	'2-D40-E1	PhysAstr	М	Ishwar Suriyaprakash	Factors affecting the amplitude of sound propagating through a tube
J96 07	'2-D41-C1	PhysAstr	М	Abhishek Rao	The effect of the shape of the front of a Hyperloop on its speed
J97 07	'2-D50-A1	PhysAstr	М	Joseph Vazhaeparampil	Exploring Photochromics
J98 07	'2-D51-81	PhysAstr	М	Justin Kim	The effect of the type of vertical stabilizer on the directional stability of an airplane.
J99 07	'2-D60-61	PhysAstr	М	Michael Varnava	How to cool a bottle of water the fastest.
Н99 07	'2-D70-21	PhysAstr	М	Beckett Lyons	The Aerodynamic Of Truck Platooning
Н98 07	'2-D80-F1	PhysAstr	F	Nandana Shankar	Wingardium Leviosa: Make me fly!
Н97 07	'2-D90-B1	PhysAstr	F	Rhea Ahuja	Impact of Temperature on Magnetic Strength
Н96 07	'2-E10-11	ElecEng		Sanika lyer	Creating a Smart Fridge Using RFID Sensors to Eliminate Food Wastage
Н95 07	'2-E11-G1	ElecEng		Sameer Tangirala	Design of a efficient indoor solar charger
Н94 07	'2-E20-D2 T	ElecEng		Severin Spagnola & Allison Nguyen	The WEB (Wheeled Electric Backpack)
Н92 07	'2-E21-C1	ElecEng	М	Abhinandan Singh	Electricity Generating Roller Backpack
Н91 07	'2-E30-A1	ElecEng	F	Rishita Shah	Comparing the Feasibility and Properties of Graphene and
					Metal-based Capacitors as an Alternative to Batteries
Н90 07	'2-E31-81	ElecEng		Sudiksha Das	A Smart Solution to Prevent Drunk-Driving Accidents
Н89 07	'2-E40-61	ElecEng		Arushi Sharma	Energy Harnessing Lamp Fixure
Н88 07	'2-E50-21	ElecEng	М	Adhip Raghunathan	Novel Electrochromic System to Regulate Internal Lighting
Н85 07	'2-E60-F1	ElecEng		Nicolas Quijano	Probing Haptic Glove for the Visually Impaired
Н84 07	['] 2-E70-A2 T	ElecEng	F	Tvisha Nepani & Saloni Shah	Sit Back and Chill, Epione's Got Your Pill
Н82 07	′2-E80-62 T	ElecEng		Anika Kulkarni & Mallika Ghante	No Wifi? No Problem!
Н80 07	'2-E90-31	ElecEng		Patrick Thai	Solar Glass Building
Н79 07	'2-F10-A1	MechEng	М	Aadit Golwala	Making an Offshore Wind Turbine Where the Entire Structure Turns into the Wind
Н78 07	'2-F11-81	MechEng	F	Noa Reyzblat	How will change the height of water dropping impact the amount of
		_			electricity created?
Н77 07	'2-F12-61	MechEng	М	Terry Hsu	Robotic Control On Puppets- a First Study On Bionics

Loc. Proj. Num. Team	Field Ger	nder Students	Title
		M Swastik Purathepparambil	The Ergonomic Lunch Box
H73 072-F21-41 N	/lechEng F	Rebecca Kapiloff	Creating a Step stool for Shopping Carts
H72 072-F22-12 T N	/lechEng F	Karen Glenn & Zoe Adler	Organize? No Problem; a Modular Locker Organization System
H70 072-F30-12 T N	MechEng N	M Ethan Louie & Kyle Ogino	A Squishy Speed Bump
н68 072-F31-H1 N	/lechEng F	Micaela Swift	Engineering a Solar Oven
H67 072-F32-E2 T N	/lechEng F	Dylan Kutcher & Sophie Rothstein	Making it Rainbow: Making Exact RGB Color Value Frosting
G66 072-F40-E2 T N	/lechEng F	Caitlin Nguyen & Taylor Wong & Lauren Taffe	Smart Car Seat
G68 072-F41-D1 N	/lechEng F	Taylor Tam	What Effect Does the Angle of an Airplane Wing Have on Lift and Drag
G69 072-F50-A2 T N	/lechEng F	Romina Blanco-Sarmiento & Sarah Honer & Miranda Gutierrez	Operation Cut Free (OCF)
G71 072-F51-91 N	/lechEng F	Elodie Tam	A Simple Human-Like Robotic Leg
G72 072-F52-71 N	/lechEng F	Jennifer Dick-Peddie	Designing an Autogyro to Accurately Deliver a Payload to a
			Designated Landing Zone with the Slowest Descent Rate
G76 072-F60-62 T N		Rosie Chen & Javeria Ahmed & Ynna Sophia Buriel	The Greenhouse of the future
		M Charles Huang	Dual-Purpose Boba Straw
G79 072-F62-22 T N		Shelby Schuberg & Stephanie Vu & Chaela Zaide	O.R.C.A
		M Victor Dang	Gas on Bike Tires
G82 072-F71-H2 Т N		Anay Takkallapalli & Rishab Pala & Darrell Li	Whoa Watch Out
		M Atharvaa Jogalekar	Get a Grip: Robotic Arm to Help with Physical Impairment
		M Sanjit Borle	Automated Sun-Visor with photon detection
G88 072-F91-92 T N		Lilly Taback & Allison Gold	Dishwasher Safe Insulated Water bottle
G90 072-G10-21 N	∕lath N	M Keshav Narang	Generalizing a Solution to the Tower of Hanoi with Varying Number
			of Pegs and Rings
G91 072-H10-B1 S	SoftEng N	M Rayyan Hussain	An application that helps students improve speech delivery using
			speech recognition and machine learning techniques
		Sumayyah Ismail	TRACK THAT CALORIE
G93 072-H20-62 T S		A Aidan Liu & Yul Han & Selim Gurkas	Pedestrian Safety in a Driverless Automobile World
		A Alon Knaan	Bionic Xylophone Arm
		Tanvi Chukka	A novel device to analyze stress levels in patients with immediate response
G97 072-H31-11 S	SoftEng F	Sanskriti Singh	Detection of Pneumonia on CXR image using Convolutional Neural Networks
			with an emphasis on minimizing False Negatives
G98 072-H40-G1 S	SoftEng F	Reshma Kosaraju	Application of Meteorological Data to Predict the Chances of a Forest
			Fire Using Machine Learning and Neural Networks
		M Vishnu Potharaju	Help Save the Planet - TrashRight
F99 072-H50-C1 S	SoftEng F	Satvika lyer	Where There's Smoke, There May Be Fire: Applying and Extending
			Google's ANN to Detect Wildfires
		M Aneesh Bairagi	Coding Traffic
F97 072-H60-72 Т S		M William Zhang & Ethan Liu	Modelling Wildfires with an Android App
F95 072-H70-32 T S		M Ben Zeitzer & Dan Honigstein	E-Sort: An electronic trash-sorting device
		- Ananya Jilla	Machine Learning (ML) Driven Diabetes Predictor
F92 081-130-C2 T B		M Stephen Xia & Jeremy Ko	The Effect of Fast-Paced Video Games on Short-Term Concentration
F90 081-140-82 T B	BehavSci F	Michelle Jin & Arissa Huda	The Effect of Fear on Spacial Perception

Loc. Proj. Num. Team Field	Gender Students	Title
F88 081-150-42 T BehavSci	F Ava Arasan & Laurie Jin	How Humour Affects the Learning Process
F85 081-160-н2 T BehavSci	M Rupert Chen & Mir Bahri	The High-Risk Decision Making Process
F83 081-170-D2 T BehavSci	M Emmett Chung & Aspen Shen	The Effect of Level of Interest in a Product on Reading a Privacy Policy/Agreement
F81 081-180-92 T BehavSci	F Malak Dahbour & Mariem Cherif	Brain Power: Who has better memory? Who can decode it faster?
F79 081-190-61 BehavSci	F Safaa Hussain	Reward, Praise, and Criticism: What Works Best?
F78 081-210-D1 PlantSci	M Brian Chen	Validating Novel Algorithm-Generated Crop Rotations: A Second Year Study
F77 081-211-B1 PlantSci	F Charlize Nishitoyo	The Comparative Effects of Container Size and Variable Light
		Intensities on the Growth Rates of Red Kidney Beans
F76 081-220-82 T PlantSci	F Smrithi Sambamurthy & Anika Muddu	Coral Reef Regneration
F73 081-230-42 T PlantSci	F Sara Bhowmick & Amrita Pasupathy	What is the Effect of Calcium on Wisconsin Fast Plants Watered with
		Fluoridated Tap Water for 15 Days
F71 081-240-н2 T PlantSci	F Sally Zhu & Eileen Ma	How Do Different Types of Bacteria Affect the Growth of Lepidium sativum?
F69 081-260-A1 PlantSci	F Medha Bhattacharya	The effect of identifying tree health based on image analysis in the city of Sunnyvale
F68 081-270-61 PlantSci	F Annmaria Antony	Does an increased concentration of silver nanoparticles affect plant growth rates?
F67 081-280-21 PlantSci	F Joyce Yang	What is the effect of food-waste on the growth rate of Allium fistulosum?
F66 081-290-E2 T PlantSci	M Nicholas Wei & Jai Mehta	Shorter Days: The Effect of the Day/Night Cycle on Plant Growth in Indoor Farming
E66 081-310-51 AnimalSci	F Maria Grothe	Do Acute Bladder Snails Have Memory That Enables Them To Learn?
E67 081-320-н2 T AnimalSci	^F / _M Sophia Shan & Aniket Singh	A Crabby Situation: How Alcohol Impacts the Behavior of Red Rock Crabs
E69 081-330-E1 AnimalSci	F Ayana Wilmot	Chemotaxis of Daphnia major in Response to Amino Acids
E70 081-350-61 AnimalSci	M Nicolas Soto	Beetle maze runner- what is the effect of maze complexity on completion time?
E71 081-410-E1 BiocheMic	F Namrata Nair	The Effect of Different Metal Nanoparticles on the Growth of E. coli
E72 081-411-C1 BiocheMic	F Nikita Senthil	Feed the Diatoms: The Effect of Iron Filings on the Oxygen
		Production of Thalassiosira Diatoms
E76 081-420-92 T BiocheMic	F Connie Jiang & Riya Gupta	Problem-solving Capabilities of Physarum Polycephalum
E78 081-430-52 T BiocheMic	F Alisa Grebin & Nika Lebedev	What is the effect of Ferric Salts and Clay on chlorella vulgaris?
E80 081-431-41 BiocheMic	F Akshara Taraniganty	Hunting For Electrolytes
E81 081-440-12 T BiocheMic	F Tiffany Chang & Jessica Tang	The Effect of Aloe on Skin Bacteria
E83 081-441-H1 BiocheMic	F Lena Wessel	What is the effect of spices on the population growth of Escherichia coli K-12?
E84 081-450-E2 T BiocheMic	F Annli Zhu & Sabrina Zhu	The Effect of Water on the Strength of Retted Fiber
E88 081-460-A2 T BiocheMic	M Johnny Kuehnis & Harper Brada	The potency of mold growth on different types of bread
E90 081-480-31 BiocheMic	M Iyaad Ahammed	Magical Microbes:Producing clean energy using microbial fuel cells
E91 081-490-G1 BiocheMic	F Ayah Fallah	Myth or Reality: Is Henna Antibacterial?
	i F Samvita Gautham & Katie Wang	Effects of Probiotics on Enteric Bacteria
	i F Zeynep Tokuz	Effects of Hazardous Chemicals on pregnancy: Using planaria as a model
	i F Ashwika Agrawal	An App to Identify Skin Infections in Canines
	i M Milan Del Buono	The effects of sugar alcohols on the common fruit fly
	i M Abhinav Nagabhirava	What is the Effect of Microwaving on the Vitamin C Content of Different Vegetables
E98 081-680-41 MedHeaSc	i F Nidhya Shivakumar	A Machine Learning Approach to Evaluate the Long Term Health
		Effects Of Forest Fires
	g F Danica Kubota	Biodegradable Take - Out Sauce Containers.
D99 081-740-C1 BiomedEng	g F Arya Srivastava	One More Shot at Hearing: Making Cost Efficient Bone Conduction

Page 7 of 30 Generated on 2019/03/08 11:10:39

Loc. Proj. Nur	n. Team	Field Ge	end	er Students	Title
	- roun		J. 1 G.		Technology to Aid People with Conductive Hearing Loss
D98 081-750	-81 E	BiomedEng	М	Felix Liu	The Natural Spring
D97 081-760				Abhiritika Rala & Sofia Porras & Hannah Chen	The Nose Knows
D95 082-A10	-н2 Т (Chemistry	F	Ananya Bammi & Saavi Kumar	What is the Effect of Pool Water on Different Swimsuit Material Combinations
D93 082-A20	-E1 (Chemistry	М	Pranav Amarnath	Effect of acid on activity of salivary amylase enzyme in digesting starch
D92 082-A30	-A1 (Chemistry	М	Neil Pendyala	What is the most effective way of removing detergent from water?
D91 082-A40	-52 T (Chemistry	М	Gordon Chen & Jacob Huang	Inhibiting Rabies at the Molecular Level
D89 082-A50	-21 (Chemistry	М	Dario Quintero	Measuring the Capillary Action of Various Kinds of Paper
D88 082-A60	-F1 (Chemistry	F	Caitlin Higuchi	Does the Strength of Tea Relate to the Temperature of the Water in
					Which It is Brewed?
D85 082-B10	-A1 (CheEnvEng	F	Sanjana Manikandan	A Solution to Pollution - Mycoremediation: Growing Mushrooms to Clean the Air
D84 082-B20	-61 (CheEnvEng	М	Siddhesh Dash	The Design and Construction of Ember-Proof Tiles for Use by Those
					Living in Wildfire Prone Areas.
D83 082-B21	-41 (CheEnvEng	М	Matthew Lei	Variables that Affect AQI
D82 082-B30-	-12 T (CheEnvEng	F	Ein Hong & Lori Ching	Shower Power: Designing a Shower for Third World Countries
D80 082-B50				Aryo Nabyzadeh & James Thornton	Creating a more efficient storm drain design
D78 082-B60				Eleanore Kirshner	No More Ocean Garbage: The Solution to Removing Microplastics
D77 082-B80		CheEnvEng			A Higher Breed of Hybrid Cars
D76 082-B90				Harsha Rohan Rajkumar	Naturogenic Cloud
				Divya Sivakumar & Allison Lee	Effect of Wax Worms on Plastic Decomposition
				Vasily Ermolenko & Jonathan Dimas	Emergency gas mask for smoke from forest fires
				Rahul Herrero & Ethan Joseph	Freshwater Pollution and its Effects on the Growth of Plants
D67 082-C21	-C2 T E			Krish Kumar & Anvay Deshpande	The Design of an Indoor Air Purifier
C66 082-C30	-A2 T E	EarEnvSci	М	Alexander Lan & Krish Maniar	Investigating CO2 absorption in Chlorella to find the best
					environment to mitigate global warming
C68 082-C31				Anushree Atmakuri	Effect of environmental change on songbird migration patterns
C69 082-C40				Rayyan Talukdar	"Compost at Work: Bioremediation of Pesticide/Herbicide Contaminated Soil".
C70 082-C41				Ben Hayes	Creek Stew
C71 082-C50				Muhammad Hashir Tahir	Can Nanotechnology help clean up ocean oil spills?
C72 082-C60				Ateef Mahmud	Eutrophication: The De-oxygenating Epidemic in Water Bodies
C73 082-C70				Najia Maaz	More moisture, more movement!
C76 082-C80				Allison Huang	Hydrophobic Substances
C77 082-C90	-32 T E	EarEnvSci	М	Kinjal Govil & Uday Chaudhary	What is the effect of using compound wood boards on the overall
					flammability, durability and strength of the wood board?
C79 082-D10	-B1 F	PhysAstr	M	Sritej Ponna	What is the Effect of Different Frequencies, Amplitudes, and
					Distances of Sound Waves on Fire
C80 082-D11				Reese Byers	French Fire
C81 082-D20	-71 F	PhysAstr	F	Arhana Aatresh	Over the Wing: investigating the effect of wind speed, wing angle,
					and propeller speed on a blown wing's lift force
C82 082-D30	-22 T F	PhysAstr	M	Rahul Santhanam & Brandon Wang	The Range of Velocities Required For Acceptable Kendama Makes
					When Factoring Different Measurements and Models
				D 0 100	0

Page 8 of 30

Loc. Proj. Num. Tea	m Field	Gend	er Students	Title
C84 082-D40-G1	PhysAstr		Namrata Karra	Observing Refractive Index
C85 082-D50-C1	PhysAstr	М	Kavin Saravanan	What is the effect of different helmet materials on the tensile strength of the material?
C88 082-D60-81	PhysAstr	F	Rithika Ramesh	Energy Conversions from Renewable Sources
C89 082-D70-32 T	Γ PhysAstr	F	Hannah Haberstroh & Rosaleen Chang & Jodi Liu	Variation of Magnet Strength
C91 082-D80-H1	PhysAstr	М	Etienne Vizian	How are the flow rates of different powders affected by the
	-			introduction of pressurized air?
C92 082-D90-C2 T	Γ PhysAstr	М	Chris Wong & David Kipp	The Effect of Rotor Shape on Lift
C94 082-E10-22 T	ΓElecEng	М	Saahil Thoppay & Rahul Mulpuri	Harnessing Waves to Further Renewability of Electricity
C96 082-E11-11	ElecEng	М	Anirudh Venkatraman	Tremor Monitor
C97 082-E12-G1	ElecEng	М	Ishaan Agrawal	A Wireless Piezoelectric Auto-Charging Backpack for Mobile Devices
C98 082-E20-F2 T	ΓElecEng	F	Aanya Virmani & Arti Gnanasekar	Memory Vision: Using Artificial Intelligence to Improve Symptoms of
				Dementia in Alzheimer's Patients
B99 082-E21-E1	ElecEng	F	Swathi Badrinarayanan	A Renewable Energy Device Providing Rural Electrification to the Last Billion
в98 082-Е22-В2 Т			Xavier Cairel & Avaneesh Aruva & Avishai D'Souza	Car Power Generator
B96 082-E30-C1	ElecEng	М	Kaushik Salem	A target acquisition system for landing aircrafts in constrained spaces
				using modified Hough Transform
B95 082-E31-A1	ElecEng		Pramati Barath	Automatic volume adjuster based on ambient noise level
в94 082-Е40-72 Т	ΓElecEng	F	Mokshitaa Dhamotharan & Naomi Jung	The Benevolent Body Blanket: A Thermoelectric Blanket
в92 082-Е50-32 Т	ΓElecEng	М	Austin Wu & Sherif Abdou	Building a rescue robot
B90 082-E51-21	ElecEng	F	Aisha Kazi	Smart Signal - The most effective traffic signal using IoT with a Raspberry Pi circuit
В89 082-Е60-Н1	ElecEng	F	Ishani Das	An Arduino-based Wearable Device for the Visually Impaired to Guide and
				Receive Immediate Help Using GPS and GSM Service
B88 082-E61-F1	ElecEng	М	Daniel Siegel	Surround3: The Design and Construction of a Sensor-Enhanced
				Probing Cane to Help the Visually Impaired
B85 082-E70-C2 T			Nico Patron & Sebastien Maes	Bike Power Generator
B83 082-E80-91	ElecEng		Dhwani Kharidia	Power Line Fire Hazard Detection System
B82 082-E81-62 T	ΓElecEng	F	Ria Deshpande & Lexxa D'Amico	Motion Activated Sensor and Servo to push Crosswalk Button and
				Eliminate Bacterial Spread
B80 082-E90-51	ElecEng		Adeeb Syed	How safe is your wallet? Blocking RFID readers from reading your ID cards
B79 082-E91-31	ElecEng	F	Anika Pandey	Designing an Environmentally Friendly and Efficient
				Supercapacitor/Battery with Nanoparticulate Graphene
в78 082-F10-B2 Т			Kaitlyn Liu & Neha Agrawal	Simply Stretching
B76 082-F20-72 T			Tanisha Grover & Kimberly Maddox	So Many Houses, But Which One To Choose?
B73 082-F30-32 T			Saee Pole & Kaitlyn Venator & Adreema Ahsan	How to save a life " CPR dummy remodeled"
B71 082-F40-H1	MechEng		Alexander Nguyen	Exoskeleton Actuation
B70 082-F50-D1	MechEng	M	Christian Moran	Maximizing Golf Ball Performance by Studying the Effect of the
				Deepness of Its Dimples
B69 082-F60-91	MechEng		Roy Gross	Autonomous Ocean Robot
B68 082-F70-51	MechEng		Matthew Homan	Humidity to Infinity
B67 082-H10-D1	SoftEng	F	Aaleesha Doshi	The design of an algorithm to detect road quality through vibrations,
				user input, and connection with Google Maps

Loc. Proj. Num.	Team Field	Gend	er Students	Title
A66 082-H11-A	12 T SoftEng	М	Rohan Bhowmik & Arjun Barrett	Using Machine Learning and Infrared Imagery to Detect Drunk Individuals
A68 082-H12-8	2 T SoftEng	М	Saurish Srivastava & Shuhul Mujoo	Leveraging Machine Learning to Compute the Progression of Parkinson's Disease
A70 082-H20-9	1 SoftEng	F	Sumaswara Chinthalapati	Predictive analytics of innovative scientific trends from patent
				datasets using supervised machine learning algorithm
A71 082-H21-7	1 SoftEng	М	Om Chhaya	Wearable Personalized Health Information System
A72 082-H23-3		М	Alan Lee	Machine Learning for Distinguishing Benign from Malignant Liver Tumors
A73 082-H30-4	2 T SoftEng	F	Amiya Chokhawala & Carol Wininger	An Innovative Solution to Enhance Teenager Well-Being: A Mobile
				Application that Promotes Collaborative Problem-Solving
A77 082-H31-2	2 T SoftEng	М	Justin Hou & Juno Kim	Analyzing Images and Text Found Online with AI in Order to
				Determine if a Website is Educational
A79 082-H32-1	.1 SoftEng	М	Sharad Parulekar	Dr.One: A Flying Angel to Keep an Eye on Seniors
A80 082-H40-H			Andrew Fox & Max Blennemann	BrAIn Storm
A82 082-H41-0	SoftEng	F	Tasha Lera	Using Data Analysis to Build a Personalized Search Engine
A83 082-H42-E	SoftEng	М	Joseph Thomas	Transfer Learning from Deep ImageNet Models to Simpler Models for
				Rapid Binary Classification
A84 082-H50-I	2 T SoftEng		Kavinaya Rajesh & Kaitlyn Nguyen & Sahana Moogi	In A HeartBeat: Heart Disease Detecting Device and App
A88 082-H51-E			Matthew Lee & Yong Won Choi	How the public's perception of Donald Trump changed over 10 years
A90 082-H52-A	1 SoftEng		Yu-Ting Chang	Greedy, Yet Intelligent, Algorithms for the Game 2048 Using Python
А91 082-Н61-8			Neel Gajare	Deep Neural Network and Image Recognition using Raspberry Pi
А92 082-Н62-6			Aditi Jain	G.G.F(Green Grocery Footprint)
A93 082-H70-5	52 T SoftEng	F	Hetal Kurani & Hemal Kurani	Smart Campus Security Shield: A Risk Based Real Time Crime Alert
				and Prevention System Using Student ID Card
A95 082-H72-2	21 SoftEng	M	Stanley Shen	Using Recurrent Neural Networks to Predict the Trajectory of
				Symmetrical and Asymmetrical Objects
A96 082-H80-2			Isha Jagadish	Identifying Polygenic Disease Risk Susceptibility Across Ethnic Super Populations
A97 082-H81-H			Rohan Siva	The Bane of Vulcan
A98 082-H82-E			Mridula Naikawadi	Facial Recognition Based Home Security
Х99 082-Н90-Е			Nidhi Mathihalli & Nikhil Mathihalli	Helping the Blind count Money using Machine Learning
Х97 082-Н91-Г			Romina Jately	FitTreat
Y10 091-120-2	21 BehavSci	F	Shriya Anant	The Effect of Neem Extract on the Serotonin Receptors in Drosophila
				Melanogaster larvae
Y11 091-130-E	¹ BehavSci	M	Sai Bhujangari	The effects of alanine increase in C. Elegans diet on the ability to
				detect NaCl from further distances
Y12 091-150-6	52 T BehavSci	F	Stephanie Samame & Kaitlyn Butcher & Aleena Bosky	Is watching television more beneficial to one's short-term memory
				than exercising for ten minutes?
Y24 091-160-3			Tara Pande	Optimizing Sleep and Wellbeing in Sleep-Deprived Teenagers
Y25 091-220-E			Avyuktha Mattupalli	Effects of Tyrosine on the Rates of Photosynthesis of Pondweed
Y26 091-230-7			Rahil Kapadia	The Germination of Rice Using Hydroponics
Y27 091-240-3			Nithika Karthikeyan	The Differential Fixation of Dissolved CO2 by Different Algal Species
Y28 091-310-7	1 AnimalSc	i F	Anushka Kesavan	What is the effect of the Unpaired 2 cytokine on tumorigenesis in
				Drosophila melanogaster?

Loc. Proj. Num. Te			Title
Y29 091-320-31	AnimalSci	M Jonah Tien	Measuring the Effect of Varying Electrical Current Frequencies on
			Controlled Stimulation of Cephalopod Chromatophores
Y30 091-330-F2	T AnimalSci	F Angela Gao & Ritika Rajamani	The Effect of Environmental and Chemical Conditions on the
			Biodegradation of Polyethylene by Galleria mellonella Larvae
Y40 091-340-C1	AnimalSci	F Amanda Kay	The Effects of Pharmaceutical Pollution on Aquatic Environments
Y41 091-360-41	AnimalSci	M Tejas Rao	What are the effects of the cGMP dosage in C. Elegans on its thermotaxis?
Y42 091-410-G1	BiocheMic	F Anika Nagavara	The Effect of Green Tea on Drosophila Haemocytes and Their
			Ensuing Ability to Fight Infections In Order To Cure Allergy
Y43 091-411-E1	BiocheMic	F Saivee Shelke	The effect of Triclosan on RyR1 expression and subsequent muscle
			contraction in Drosophila melanogaster.
Y44 091-420-C1	BiocheMic	F Rachel Chen	The effect of time and temperature on the LDPE digesting properties
			of Acidovorax delafieldii
Y45 091-421-A1	BiocheMic	F Rhea Rai	Effect of Potassium Nitrate on Growth of Escherichia Coli
Y52 091-430-81	BiocheMic	M Zechen Liu	The effect of salinity on the nitrogen-fixation effects of Azospirillum Brasilense
Y53 091-431-61	BiocheMic	M Shailesh Senthil Kumar	The Effect of Quorum Sensing Molecules on Extracellular Matrix
			Production in the S. Epidermidis Biofilm
Y54 091-440-41	BiocheMic	M Tejas Bharadwaj	Effect of Glufosinate on the Ability of Microcystis Aeruginosa to Inhibit
			Aspergillus Flavus Growth
Y55 091-441-21	BiocheMic	F Jessica Wang	How can the Process of Bioluminescence be Altered to Generate
			More Light for Future Electric Services?
P59 091-450-H1	BiocheMic	F Riya Ravuri	Urokinase as a potential cancer biomarker using C. Elegans
P58 091-451-F1	BiocheMic	F Kavita Murthy	The Amount of Heat-resistant Escherichia coli Found in Organically
			and Conventionally Grown Spinacia oleracea
P57 091-460-D1	BiocheMic	M Varchas Bharadwaj	Effect of Carbon Dioxide on the death count of Escherichia Coli
			infected with Bacteriophage T4.
P56 091-461-B1	BiocheMic	M Ahmad Ismail	Exploring a Treatment for Candidiasis by Investigating Interactions
			Between Candida and Bacteria
P55 091-470-91	BiocheMic	F Aishwarya Manoj	The effects of propylene glycol on heart rate in Daphnia Magna
P54 091-471-71	BiocheMic	M Sasvath Ramachandran	The Effects of UVA Radiation on Hypsibius dujardini Reproduction Capabilities
P53 091-480-51	BiocheMic	F Myung Suh Choi	Comparing the photoprotection capabilities of the phytochemical
			anthocyanin to oxybenzone in commercial sunscreen
P52 091-481-31	BiocheMic	F Mrudula Chodavarapu	What is the effect of aloe vera gel and carrot seed oil on the
			chlorophyll concentration of Eudorina californica algae?
P51 091-490-11	BiocheMic	F Sachita Kashyap	Comparing the Efficiency of Fermented Milk and Probiotic Capsules
			in Repopulating the Microbiome Post Antibiotic Regimen
P50 091-510-81	BioInfo	M William Huang	Identification of Gene Signature Profiles of Asthma using Machine Learning
P49 091-520-32	T BioInfo	M Rishab Parthasarathy & William Zhao	SkinSight: A Novel Implementation of a Convolutional Neural
			Network to Recognize Skin Diseases
P47 091-530-G2		M Harsh Deep & Kailash Ranganathan	Developing a Convolutional Neural Network to Process Images of Liver Cirrhosis
P45 091-540-C2	T BioInfo	F/M Aneesh Bhat & Anoop Bhat & Amulya Bhattaram	Diagnosis of Nystagmus Using Deep Learning
P43 091-550-91	BioInfo	F Annika Viswesh	Classifying different types of cancer by applying machine learning
			0 1 1 0040/00/40 44 40 00

Page 11 of 30

Loc. Proj. Num.	Team Field	Geno	ler Students	Title
				techniques on epigenetic information
P42 091-610-H	MedHeaS	ci M	Anant Chaudhary	The Effect of Hyaluronic Acid on Collagen Production in C.elegans
P39 091-621-B		ci M	Deepesh Aggarwal	Effects of Different Spices on Yeast Production
P38 091-630-93	L MedHeaS	ci F	Jocelyn Swift	The Effects of Natural and Artificial Sweeteners on Gut Bacteria as Modeled by E. coli
P37 091-650-1	MedHeaS	ci M	Timothy Shao	The Increase of Food Allergies in Modern Society
P36 091-660-D	T MedHeaS	ci F	Diana Kohr & Angela Jiao & Aarushi Mehrotra	The effect of different inflammatory pathway inhibitors on the
			•	symptoms of Alzheimer's in C. elegans
P34 091-670-9	T MedHeaS	ci ^F / _N	Nathan Chiu & Swasti Jain & Joe Lin	The Design and Construction of a patch with an application for
				people that alerts the user when they are slouching
P32 091-680-5	T MedHeaS	ci ^F / _N	Luke Zhao & Yajat Ambati & Anindya Narayanan	Measuring the Therapeutic Supplementation of Ubidecarenone
			, , ,	against SOD-1 Mediated Paralysis in ALS C. elegans
P30 091-720-5	BiomedEn	g M	Jason Co	The Multipurpose Prosthetic: Using 3D printing to create various
		•		attachments for amputees
P29 091-740-E	BiomedEn	g F	Shweta Arun	WristWatch: A Portable Raspberry Pi Device to Identify Harmful Wrist Posture
P28 092-A10-3	Chemistry	F	Sivagami Kenyan	The absorption of carbon dioxide in a bubble column absorber when
				the pH of calcium hydroxide solution is changed
P27 092-A20-G	Chemistry	M	James Pham	Cheaper Smiles
P26 092-B10-C	CheEnvEr	ng F	Samika Swamy	CogniGuard: A novel, herb-based treatment for protection against
		_	·	neurotoxicity from lead pollution.
P23 092-B20-83	CheEnvEr	ng M	Devin Gupta	The Effects of Cellulose/Polypyrrole Composite on Energy Retention
		_		Rates in Specialized Paper Thin Batteries
P22 092-B30-43	L CheEnvEr	ng M	Ryan Shen	Using the Plastron Properties of a Super-hydrophobic Surface to
				create an Underwater Shelter
P21 092-B40-H			Shailee Nanavati	Modeling Quantum Levitation with Superconductors
P20 092-B60-93			Rishab Gupta	Utilizing a network of sensors to predict the likeliness of a wildfire
P19 092-B70-5			Diptanshu Sikdar	Novel Hybrid Thermal Management Solution for Photovoltaic Systems
P18 092-C10-4			Abhay Kopardekar	The Use of Mealworms to Break Down Styrofoam
P17 092-C20-G	2 T EarEnvSc	i M	Aryan Dwivedi & Tanush Goel & Kevin Li	Measuring the effect of different categories of compostable waste
				materials on the pH level of the compost produced
P15 092-C30-D	L EarEnvSc	i F	Danya Balagopal	The Effect of Bio-coagulants on the Adsorption of Waste Oil and the
				Reduction of Turbidity from Oil-Produced Waters
P14 092-C40-93			Surya Tallavarjula	Evaporative Cooling Optimization Study With Capillary Action Driven Water Transport
P13 092-C50-4	2 T EarEnvSc	i F	Jennifer Song & Serena Pei	Effect of Mealworm's (larvae of Tenebrio molitor) Decomposition of
				Polystyrene on Palaemonetes Paludosus
P11 092-D10-D			Reese Wiitala	Multilayered Thermal Shield Control for Small Satellites
P10 092-D11-B	L PhysAstr	F	Nethra Srinivasan	Biomechanics: The Effect of Flexibility of Quadriceps and Angle of
				Knee on Force Applied on the Patella During Squats
N10 092-D20-93	PhysAstr	M	Krithi Koodli	A Novel Method of Distinguishing Habitable Rocky Planets from
				Uninhabitable Gas Giants using Machine Learning
N11 092-D30-5			Rakesh Mehta	How does the size of nozzle affect ion engine's speed?
N12 092-D70-6	L PhysAstr	F	Pujita Tangirala	Comparing Correlation between Color and Metallicity in Cluster vs

Page 12 of 30

Loc. F	Proj. Num. Tea	am Field	Geno	der Students	Title
					Non-Cluster Galaxies
N13 0	92-D80-21	PhysAstr	F	Anousha Athreya	Investigating the Effect of Low-Cost Graphene on Different Kinds of Solar Cells
N14 0	92-E10-51	ElecEng	F	Leelavathi Srinivas	Can the Stirling Engine Outperform Pyroelectric Conversion in Converting Heat to Electricity for Laptops?
N15 0	92-E20-H2	T ElecEng	F	Aleeza Huraira & Suniska Patel	Are "green" detergents less toxic than conventional detergents?
N17 0	92-E30-E1	ElecEng	M	Saurav Gandhi	A Hand Dynamometer Controlled Computer Vision based Al Robotic Navigation System for the Visually Impaired and Elderly
	92-E40-92 ⁻			June Kim & Chris Lee	The Design and Construction of a Wireless Body Heat Based Charging Phone Case for Phones with QI Technology
	92-E50-52			₁ Tiffany Tran & Scott Dang	A Bot That Cleans Up Your Act
N22 0	92-E60-12 ⁻	T ElecEng		↑ Srikar Nimmagadda & Belinda Chen & Bennie Chang	The design and construction of a system to automatically transcribe music for musicians to create sheet music instantly
N26 0	92-E70-F1	ElecEng		Anav Mehta	A Cheap Braille Literacy Assistant
N27 0	92-E80-A2			Lorenzo Beronilla & Princess Bergado & Ryan Liu	Creating an Inexpensive Marine Dropcam to Aid in Citizen Science
N29 0	92-E90-71	ElecEng	M	Tejas Prabhune	Developing a Reusable LED Notifier for Consumers Using Expired Pills
N30 0	92-F20-92	T MechEng		Ethan Buriel & Tyler Louie & Thomas Mathew	Making a more comfortable cooling mask that filters polluted air
N32 0	92-F30-52 -	T MechEng	F	Sindhu Saggeri & Neha Mandava & Aarushi Shah	HydroFin: A three in one aquarium maintenance system
N34 0	92-F40-21	MechEng	F	Akshita Ponnuru	Sustainable Affordable Housing for Homeless
N35 0	92-F50-E2	T MechEng	F	Tavleen Kaur & Impana Chimmalagi	ThumbsUp: Designing an Optimal Cryo-Brace to Treat Texting Thumb
N37 0	92-F60-B1	MechEng	M	Jordan Giang	Factors in Effective Fire Maintenance
N38 0	92-F70-71	MechEng		Erick Chevez	Pest Control with Electric Fields
N42 0	92-F80-22 ⁻	T MechEng	F	Reina Pradhan & Ira Narang & Aashvi Rastogi	Device which uses proximity sensors and deep learning to sense obstacles and potential dangers for the visually impaired
N44 0	92-F90-G1	MechEng	M	Ethan Zuo	The Effect of Thermal Transfer Rate on Laptop Performance
	92-G10-61	Math		Alexander Zhang	The Effects of a Random Configuration of a Master Pyraminx on its Solveableness
	92-H11-D1	SoftEng		Aditya Indla	Intelligent Wildfire Early Warning System
	92-H12-B1	SoftEng		Sneha Revanur	A Novel Approach to Analyzing Neglected Tropical Diseases Using
		3			Deep Learning and Graph Networks
N48 0	92-H20-B1	SoftEng	M	Rishi Pankhaniya	A Portable Pollen Counter
N49 0	92-H21-91	SoftEng		Divya Sundar	Home-based Infant Milestone Tracking Using Image Analysis
N50 0	92-H22-71	SoftEng		Vivek Bharati	Portendo: An inertial measurement-based device that predicts concussions in athletes playing football.
N51 0	92-H30-71	SoftEng	M	David Dai	Spanish and English-speaking Tweet Sentiment Analysis & Prediction of 2018 US Senate & Gubernatorial Election in Florida
N52 0	92-Н31-51	SoftEng	M	Aeshon Balasubramanian	Improving the Safety of Self-Driving Cars with Deep Learning and Audio
N53 0	92-н32-22	T SoftEng		Atreya Ghatak & Rohan Khubchandani	Developing Mobile Application: Traffic Law Advisory
N55 0	92-H40-31	SoftEng	F	Alice Feng	DeepGuide: A Deep Learning Based Mobile System to Assist Visually Impaired Pedestrians To Cross Intersections
N56 0	92-H41-11	SoftEng		Veer Doshi	Aiding Wildfire Rescue Operations through Mobile Geolocation Tracking, Geofencing and Data-Driven Prediction Modeling
N57 0	92-H42-G1	SoftEng	F	Sheryl Hsu	Using Artificial Intelligence to Record Locations of Essential Items for

Page 13 of 30

Social	Loc.	Proj. Num. Te	eam Field	Gend	er Students	Title
No Detect Malign Moles as Symptoms of Skin Cancer						Dementia Patients
Softeng Mishok Shah Creating a Non-intrusive Elder Care System	N58	092-H50-F2	T SoftEng	F/ _M	Mukund Krishnakumar & Rucha Deo	Implementing Deep Learning and Convolutional Neural Networks in Python
MSB 992-HS2-C1 SoftEng Mahit Tanikella Human Protein Atlas Image Classification						to Detect Malign Moles as Symptoms of Skin Cancer
Maint Tanikella Human Protein Atlas Image Classification	M59	092-H51-E1	SoftEng	М	Shlok Shah	Creating a Non-intrusive Elder Care System
M56 092-H61-A1 SoftEng M Sohan Nannra A system for tracking the distribution of tax-based revenues M55 092-H62-81 SoftEng F Shreyaa Karan Leveraging Machine Learning and Image Analysis to Deter Malanoma (Skin Cancer) and Develop a Prognosis For It M54 092-H70-72 T SoftEng √M Xinglin Li & Yashwant Rajana & Shreya Agrawal The design and construction of an app for musicians that flips pages and analyzes notes to help with practice M52 092-H71-61 SoftEng M Anish Iyyavoo A novel approach to find optimal scheduling for doctors in hospital using genetic algorithms M51 092-H90-92 T SoftEng F Veda Kamaraju Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants M50 092-H90-92 T SoftEng M Sumedh Shenoy & Arhan Mulay & Elliu Huang McDNDA Driven Disease Susceptibility Analyzer M48 092-H91-P1 SoftEng F Sanjana Jilla ML/DNA Driven Disease Susceptibility Analyzer M47 093-310-91 AnimalSci M Adarsh Ambati An In-Field Diagnostic to Detect a Chytrid Fungal Amphibiar Pathogen Using Ribosome Display and Lateral Flow Assays M46 093-410-11 BiocheMic F Cara Burgess Observing the	M58	092-H52-C1	SoftEng			Sunlight Tracker: How Much Sunlight Do You Get?
Modeling	M57	092-H60-C1	SoftEng	М	Mahit Tanikella	Human Protein Atlas Image Classification
Melanoma (Skin Cancer) and Develop a Prognosis For It Melanoma (Skin Cancer) and Develop a Prognosis For It Melanoma (Skin Cancer) and Develop a Prognosis For It Melanoma (Skin Cancer) and Develop a Prognosis For It The design and construction of an app for musicians that flips pages and analyzes notes to help with practice A novel approach to find optimal scheduling for doctors in hospitals using genetic algorithms Melanoma (Skin Cancer) app for musicians that flips pages and analyzes notes to help with practice A novel approach to find optimal scheduling for doctors in hospitals using genetic algorithms Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants Melanoma (Skin Cancer) and program to session and program to session system: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants The design and construction of a program to assess foot deformities to detect flat feet via MMS Multon Driven Disease Susceptibility Analyzer An In-Field Diagnostic to Detect a Chytrid Fungal Amphibian Pathogen Using Ribosome Display and Lateral Flow Assays Melanoma (Skin Cancer) Analyze, and Prevent Air Pollutants An In-Field Diagnostic to Detect a Chytrid Fungal Amphibian Pathogen Using Ribosome Display and Lateral Flow Assays Melanoma (Skin Cancer) Analyze and Lateral Flow Assays Melanoma (Skin Cancer) Analyze and Lateral Flow Assays Mobile Urban Sensing System: A Novel, Smart City Approach to detect flat feet via MMS Mobile Urban Sensing System: A Novel, Smart City Approach to detect flat feet via MMS Mobile Urban Sensing System: A Novel, Smart City Approach to detect flat feet via MMS Mobile Urban Sensing System: A Novel, Smart City Approach to detect flat feet via MMS Mobile Urban Sensing System: A Novel, Smart City Approach to detect flat feet via MMS Mobile Urban Sensing System: A Novel, Smart City Application to detect fl	M56	092-H61-A1	SoftEng	М	Sohan Nannra	A system for tracking the distribution of tax-based revenues
M54 092-H70-72 T SoftEng f/m Xinglin Li & Yashwant Rajana & Shreya Agrawal The design and construction of an app for musicians that flips pages and analyzes notes to help with practice M52 092-H71-61 SoftEng M Anovel approach to find optimal scheduling for doctors in hospitals using genetic algorithms M51 092-H80-41 SoftEng F Veda Kamaraju Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants M50 092-H90-G2 T SoftEng M Sumedh Shenoy & Arhan Mulay & Elliu Huang The design and construction of a program to assess foot deformities to detect flat feet via MMS M48 092-H91-F1 SoftEng F Sanjana Jilla ML/DNA Driven Disease Susceptibility Analyzer M47 093-310-91 AnimalSci M Adarsh Ambati An In-Field Disposetic to Detect a Chytrid Fungal Amphibiar Pathogen Using Ribosome Display and Lateral Flow Assays M46 093-420-E1 BiocheMic F Cara Burges Observing the Effects of Cancer Metastasis Promoting Gene, CD151, inc. coil M44 101-110-91 BehavSci F Sineya Joshi Flore Flour Metastasis Promoting Gene, CD151, inc. coil	M55	092-Н62-81	SoftEng	F	Shreyaa Karan	Leveraging Machine Learning and Image Analysis to Detect
and analyzes notes to help with practice M 202-H81-61 SoftEng M Anish Iyyavoo A novel approach to find optimal scheduling for doctors in hospitals using genetic algorithms M51 092-H80-41 SoftEng F Veda Kamaraju Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants M50 092-H90-02 T SoftEng M Sumedh Shenoy & Arhan Mulay & Elliu Huang The design and construction of a program to assess foot deformities to detect flat feet via MMS M48 092-H91-F1 SoftEng F Sanjana Jilla ML/DNA Driven Disease Susceptibility Analyzer M47 093-310-91 AnimalSci M Adarsh Ambati An In-Field Diagnostic to Detect a Chytrid Fungal Amphibian Pathogen Using Ribosome Display and Lateral Flow Assays M46 093-410-11 BiocheMic F Cara Burgess Observing the Effects of Cancer Meastasis Promoting Gene, CD151, in E. coli M45 093-420-E1 BiocheMic F Sinaya Joshi Fluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes? M44 101-110-91 BehavSci F Shreya Soma What is the effect of background color on how long it takes for a bee to learn where food is stored M43 101-120-42 T BehavSci F Kristine McLaughlin & Avani Karvat What is the effect of music on the state dependent learning phenomenon in high school students? M39 101-130-H2 T BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-140-E1 BehavSci F Neta Chethan Their Shoes: Using Virtual Reality to Foster Empathy M37 101-140-E1 BehavSci F Reating Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M31 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia M31 101-220-E1 PlantSci F Seyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-P1 PlantSci F Animal Dogra M30 101-260-P						Melanoma (Skin Cancer) and Develop a Prognosis For It
M52 092-H71-61 SoftEng M Anish Iyyavoo A novel approach to find optimal scheduling for doctors in hospitals using genetic algorithms M51 092-H80-41 SoftEng F Veda Kamaraju Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants M50 092-H90-G2 T SoftEng M Sumedh Shenoy & Arhan Mulay & Elliu Huang The design and construction of a program to assess foot deformities to detect flat feet via MMS M48 092-H91-F1 SoftEng F Sanjana Jilla ML/DNA Driven Disease Susceptibility Analyzer M47 093-310-91 AnimalSci M Adarsh Ambati An In-Field Diagnostic to Detect a Chytrid Fungal Amphibiar Pathogen Using Ribosome Display and Lateral Flow Assays M46 093-410-11 BiocheMic F Cara Burgess Observing the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coli M41 101-110-91 BehavSci F Shreya Soma What is the effect of background color on how long it takes for a bee to learn where food is stored M43 101-120-42 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye Analyzing the Biological Signs of Presentation Anxiety M39 101-140-81 BehavSci F Neeta Chethan Their Shoes: Using Vir	M54	092-Н70-72	T SoftEng	F/ _M	Xinglin Li & Yashwant Rajana & Shreya Agrawal	The design and construction of an app for musicians that flips pages
using genetic algorithms Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants The design and construction of a program to assess foot deformities to detect flat feet via MMS ML/DNA Driven Disease Susceptibility Analyzer An In-Field Diagnostic to Detect a Chytrid Fungal Amphibiar Pathogen Using Ribosome Display and Lateral Flow Assays Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants ML/DNA Driven Disease Susceptibility Analyzer An In-Field Diagnostic to Detect a Chytrid Fungal Amphibiar Pathogen Using Ribosome Display and Lateral Flow Assays Observing the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coli Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyzer An In-Field Diagnostic to Detect a Chytrid Fungal Amphibiar Pathogen Using Ribosome Display and Lateral Flow Assays Observing the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coli Fluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes? Mobile Urban Sensing System: A Novel, Smart City Approach to Detect and MMS Display Advantage Pathogen Using Ribosome Display and Lateral Flow Assays What is the effect of Dackground color on how long it takes for a bee to learn where food is stored What is the effect of Dackground color on how long it takes for a bee to learn where food is stored What is the effect of music on the state dependent learning phenomenon in high school students? For Sinaya Journal Pathogen Using Virtual Reality to Foster Empathy Mobil 101-120-121 Teleo-61 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy The Effects of Distracted Interferences on Reaction Time Mobil 101-220-E1 PlantS						and analyzes notes to help with practice
Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect, Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Smart City Approach to Detect Analyze, and Prevent Air Pollutants Mobile Urban Sensing System: A Novel, Plant Sci F Soften	M52	092-Н71-61	SoftEng	М	Anish Iyyavoo	A novel approach to find optimal scheduling for doctors in hospitals
Detect, Analyze, and Prevent Air Pollutants M50 092-H90-G2 T SoftEng M Sumedh Shenoy & Arhan Mulay & Elliu Huang The design and construction of a program to assess foot deformities to detect flat feet via MMS M48 092-H91-F1 SoftEng F Sanjana Jilla ML/DNA Driven Disease Susceptibility Analyzer An In-Field Diagnostic to Detect a Chytrid Fungal Amphibiar Pathogen Using Ribosome Display and Lateral Flow Assays M46 093-410-11 BiocheMic F Cara Burgess Observing the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coli M45 093-420-E1 BiocheMic F Sinaya Joshi Fluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes? M44 101-110-91 BehavSci F Shreya Soma What is the effect of background color on how long it takes for a bee to learn where food is stored M43 101-120-42 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye Analyzing the Biological Signs of Presentation Anxiety M37 101-140-E1 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-20-E1 PlantSci F Romet Chethan The Effects of Californica M31 101-220-E1 PlantSci F Charlotte Lara Allelopathic Effects of Californica Native Trees on a California Native Grass, Festuca Californica M31 101-250-21 PlantSci F Anya Chatterjee Levis of Observe PH on the Hippocampal Lobe Volume and Learning Modeling the Effects of Water PH on the Hippocampal Lobe Volume and Learning Modeling the Effects of Water PH on the Hippocampal Lobe Volume and Learning Modeling the Effects of Water PH on the Hippocampal Lobe Volume and Learning PM Application to Cancer						
M50092-H90-G2TSoftEngMSumedh Shenoy & Arhan Mulay & Elliu HuangThe design and construction of a program to assess foot deformities to detect flat feet via MMSM48092-H91-F1SoftEngFSanjana JillaML/DNA Driven Disease Susceptibility AnalyzerM47093-310-91AnimalSciMAdarsh AmbatiAn In-Field Diagnostic to Detect a Chytrid Fungal Amphibian Pathogen Using Ribosome Display and Lateral Flow AssaysM46093-410-11BiocheMicFCara BurgessObserving the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coliM45093-420-E1BiocheMicFSinaya JoshiFluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes?M44101-110-91BehavSciFShreya SomaWhat is the effect of background color on how long it takes for a bee to learn where food is storedM43101-120-42TBehavSciFConsuelo Romero Martinez & Tuoyang YeAnalyzing the Biological Signs of Presentation AnxietyM37101-140-E1BehavSciFAnshika AgarwalIn Their Shoes: Using Virtual Reality to Foster EmpathyM36101-210-11PlantSciFNeate ChethanTesting Pontederia Cordata with Turbulence in Water for Pollutan Absorption CapabilityM34101-220-E1PlantSciFBeatrice MihalacheEffects of Polyethylene Microbeads on Lactuca sativa var. Longifolia Allelopathic Effects of CaliforniaM31101-230-A1PlantSciFAnya ChatterjeeLevels of Dissolved Oxygen Produced by Nonvascular Plants in	M51	092-Н80-41	SoftEng	F	Veda Kamaraju	Mobile Urban Sensing System: A Novel, Smart City Approach to
to detect flat feet via MMS M48 092-H91-F1 SoffEng F Sanjana Jilla ML/DNA Driven Disease Susceptibility Analyzer M47 093-310-91 AnimalSci M Adarsh Ambati An In-Field Diagnostic to Detect a Chytrid Fungal Amphibian Pathogen Using Ribosome Display and Lateral Flow Assays M46 093-410-11 BiocheMic F Cara Burgess Observing the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coli M45 093-420-E1 BiocheMic F Sinaya Joshi Fluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes? M44 101-110-91 BehavSci F Shreya Soma What is the effect of background color on how long it takes for a bee to learn where food is stored M43 101-120-42 T BehavSci F Kristine McLaughlin & Avani Karvat What is the effect of music on the state dependent learning phenomenon in high school students? M39 101-130-H2 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye Analyzing the Biological Signs of Presentation Anxiety M37 101-140-E1 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia M33 101-230-A1 PlantSci F Charlotte Lara Allelopathic Effects of California Native Trees on a California Native Grass, Festuac Californica M32 101-240-61 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci F AnimalSci F AnimalS						Detect, Analyze, and Prevent Air Pollutants
M48092-H91-F1SoftEngFSanjana JillaML/DNA Driven Disease Susceptibility AnalyzerM47093-310-91AnimalSciMAdarsh AmbatiAn In-Field Diagnostic to Detect a Chytrid Fungal Amphibiar Pathogen Using Ribosome Display and Lateral Flow AssaysM46093-410-11BiocheMicFCara BurgessObserving the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coliM45093-420-E1BiocheMicFSinaya JoshiFluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes?M44101-110-91BehavSciFShreya SomaWhat is the effect of background color on how long it takes for a bea to learn where food is storedM43101-120-42TBehavSciFKristine McLaughlin & Avani KarvatWhat is the effect of music on the state dependent learning phenomenon in high school students?M39101-130-H2TBehavSciFConsuelo Romero Martinez & Tuoyang YeAnalyzing the Biological Signs of Presentation AnxietyM37101-140-E1BehavSciFAnshika AgarwalIn Their Shoes: Using Virtual Reality to Foster EmpathyM36101-160-61BehavSciFNeeta ChethanThe Effects of Distracted Interferences on Reaction TimeM35101-210-11PlantSciMRobert StanleyTesting Pontederia Cordata with Turbulence in Water for Pollutan Absorption CapabilityM31101-220-E1PlantSciFCharlotte LaraAllelopathic Effects of California Native Trees on a California Native Trees on a California Native Trees on a Califor	M50	092-H90-G2	T SoftEng	М	Sumedh Shenoy & Arhan Mulay & Elliu Huang	The design and construction of a program to assess foot deformities
M47 093-310-91 AnimalSci M Adarsh Ambati An In-Field Diagnostic to Detect a Chytrid Fungal Amphibiar Pathogen Using Ribosome Display and Lateral Flow Assays M46 093-410-11 BiocheMic F Cara Burgess Observing the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coli M45 093-420-E1 BiocheMic F Sinaya Joshi Fluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes? M44 101-110-91 BehavSci F Shreya Soma What is the effect of background color on how long it takes for a beat to learn where food is stored M43 101-120-42 T BehavSci F Kristine McLaughlin & Avani Karvat What is the effect of music on the state dependent learning phenomenon in high school students? M39 101-130-H2 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye Analyzing the Biological Signs of Presentation Anxiety M37 101-140-E1 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M34 101-220-E1 PlantSci F Charlotte Lara Allelopathic Effects of California Native Trees on a California Native Trees on Digestive Enzyme Activity: Ar Application to Cancer M39 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning M29 101-310-A1 AnimalSci F Aaina Dogra						to detect flat feet via MMS
Pathogen Using Ribosome Display and Lateral Flow Assays M46 093-410-11 BiocheMic F Cara Burgess Observing the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coli M45 093-420-E1 BiocheMic F Sinaya Joshi Fluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes? M44 101-110-91 BehavSci F Shreya Soma What is the effect of background color on how long it takes for a bee to learn where food is stored M43 101-120-42 T BehavSci F Kristine McLaughlin & Avani Karvat What is the effect of music on the state dependent learning phenomenon in high school students? M39 101-130-H2 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye Analyzing the Biological Signs of Presentation Anxiety M37 101-140-E1 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia M32 101-230-A1 PlantSci F Charlotte Lara Allelopathic Effects of California Native Trees on a California Native Trees on Digestive Enzyme Activity: Ar Application to Cancer M39 101-310-A1 AnimalSci F	M48	092-H91-F1	SoftEng	F	Sanjana Jilla	
M46093-410-11BiocheMicFCara BurgessObserving the Effects of Cancer Metastasis Promoting Gene, CD151, in E. coliM45093-420-E1BiocheMicFSinaya JoshiFluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes?M44101-110-91BehavSciFShreya SomaWhat is the effect of background color on how long it takes for a bee to learn where food is storedM43101-120-42TBehavSciFKristine McLaughlin & Avani KarvatWhat is the effect of music on the state dependent learning phenomenon in high school students?M39101-130-H2TBehavSciFConsuelo Romero Martinez & Tuoyang YeAnalyzing the Biological Signs of Presentation AnxietyM37101-140-E1BehavSciFAnshika AgarwalIn Their Shoes: Using Virtual Reality to Foster EmpathyM36101-160-61BehavSciFNeeta ChethanThe Effects of Distracted Interferences on Reaction TimeM35101-210-11PlantSciMRobert StanleyTesting Pontederia Cordata with Turbulence in Water for Pollutan Absorption CapabilityM34101-220-E1PlantSciFBeatrice MihalacheEffects of Polyethylene Microbeads on Lactuca sativa var. LongifoliaM33101-230-A1PlantSciFAnya ChatterjeeLevels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater PondsM31101-250-21PlantSciFAnya ChatterjeeLevels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater PondsM31101-260-F1 <td< td=""><td>M47</td><td>093-310-91</td><td>AnimalSci</td><td>М</td><td>Adarsh Ambati</td><td>An In-Field Diagnostic to Detect a Chytrid Fungal Amphibian</td></td<>	M47	093-310-91	AnimalSci	М	Adarsh Ambati	An In-Field Diagnostic to Detect a Chytrid Fungal Amphibian
Fluorescein or Green Fluorescent Protein: Is it possible to create a sensor for dehydration in athletes? M44 101-110-91 BehavSci F Shreya Soma What is the effect of background color on how long it takes for a beauto learn where food is stored M43 101-120-42 T BehavSci F Kristine McLaughlin & Avani Karvat What is the effect of music on the state dependent learning phenomenon in high school students? M39 101-130-H2 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye Analyzing the Biological Signs of Presentation Anxiety M37 101-140-E1 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia Milelopathic Effects of California Native Trees on a California Native Grass, Festuca Californica M32 101-240-61 PlantSci F Anya Chatterjee Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci F Aina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning						
Sensor for dehydration in athletes? M44 101-110-91 BehavSci F Shreya Soma What is the effect of background color on how long it takes for a bee to learn where food is stored M43 101-120-42 T BehavSci F Kristine McLaughlin & Avani Karvat What is the effect of music on the state dependent learning phenomenon in high school students? M39 101-130-H2 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye Analyzing the Biological Signs of Presentation Anxiety M37 101-140-E1 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia M33 101-230-A1 PlantSci F Charlotte Lara Allelopathic Effects of California Native Trees on a California Native Grass, Festuca Californica M32 101-240-61 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of PH Changes on Digestive Enzyme Activity: Ar Application to Cancer M39 101-310-A1 AnimalSci F Aina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning	M46	093-410-11	BiocheMic	F	Cara Burgess	
M44101-110-91BehavSciFShreya SomaWhat is the effect of background color on how long it takes for a been to learn where food is storedM43101-120-42TBehavSciFKristine McLaughlin & Avani KarvatWhat is the effect of music on the state dependent learning phenomenon in high school students?M39101-130-H2TBehavSciFConsuelo Romero Martinez & Tuoyang YeAnalyzing the Biological Signs of Presentation AnxietyM37101-140-E1BehavSciFAnshika AgarwalIn Their Shoes: Using Virtual Reality to Foster EmpathyM36101-160-61BehavSciFNeeta ChethanThe Effects of Distracted Interferences on Reaction TimeM35101-210-11PlantSciMRobert StanleyTesting Pontederia Cordata with Turbulence in Water for Pollutan Absorption CapabilityM34101-220-E1PlantSciFBeatrice MihalacheEffects of Polyethylene Microbeads on Lactuca sativa var. LongifoliaM33101-230-A1PlantSciFAnya ChatterjeeLevels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater PondsM31101-250-21PlantSciFAnya ChatterjeeLevels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater PondsM30101-260-F1PlantSciFGwyneth WongRole of photodegradation of water retaining polymer when applied to pea plantsM30101-260-F1PlantSciMSrikar KolluruModeling the Effect of pH Changes on Digestive Enzyme Activity: Ar Application to CancerM29101-310-A1AnimalSc	M45	093-420-E1	BiocheMic	F	Sinaya Joshi	Fluorescein or Green Fluorescent Protein: Is it possible to create a
to learn where food is stored M43 101-120-42 T BehavSci F Kristine McLaughlin & Avani Karvat What is the effect of music on the state dependent learning phenomenon in high school students? M39 101-130-H2 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye Analyzing the Biological Signs of Presentation Anxiety M37 101-140-E1 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia Allelopathic Effects of California Native Trees on a California Native Grass, Festuca Californica M32 101-240-61 PlantSci F Anya Chatterjee Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of PH Changes on Digestive Enzyme Activity: Ar Application to Cancer M39 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning						
M43 101-120-42 T BehavSci F Kristine McLaughlin & Avani Karvat M39 101-130-H2 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye M37 101-140-E1 BehavSci F Anshika Agarwal M38 101-160-61 BehavSci F Neeta Chethan M39 101-210-11 PlantSci M Robert Stanley M34 101-220-E1 PlantSci F Beatrice Mihalache M35 101-230-A1 PlantSci F Charlotte Lara M36 101-240-61 PlantSci F Anya Chatterjee M37 101-240-61 PlantSci F Gwyneth Wong M38 101-250-21 PlantSci F Gwyneth Wong M39 101-260-F1 PlantSci F Anya Chattery M30 101-260-F1 PlantSci F Anya Chattery M31 101-230-A1 AnimalSci F Anya Chattery M32 101-240-A1 PlantSci F Gwyneth Wong M33 101-230-A1 PlantSci F Gwyneth Wong M34 101-250-21 PlantSci F Gwyneth Wong M35 101-260-F1 PlantSci F Gwyneth Wong M36 101-260-F1 PlantSci F Anya Chattery M37 Modeling the Effect of Water pH on the Hippocampal Lobe Volume and Learning M39 Modeling the Hippocampal Lobe Volume and Learning	M44	101-110-91	BehavSci	F	Shreya Soma	What is the effect of background color on how long it takes for a bee
phenomenon in high school students? M39 101-130-H2 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye Analyzing the Biological Signs of Presentation Anxiety M37 101-140-E1 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutant Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia Allelopathic Effects of California Native Trees on a California Native Grass, Festuca California M32 101-240-61 PlantSci F Anya Chatterjee Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning						
M39 101-130-H2 T BehavSci F Consuelo Romero Martinez & Tuoyang Ye M37 101-140-E1 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia M33 101-230-A1 PlantSci F Charlotte Lara Allelopathic Effects of California Native Trees on a California Native Grass, Festuca Californica M32 101-240-61 PlantSci F Anya Chatterjee Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effects of Water pH on the Hippocampal Lobe Volume and Learning	M43	101-120-42	T BehavSci	F	Kristine McLaughlin & Avani Karvat	What is the effect of music on the state dependent learning
M37 101-140-E1 BehavSci F Anshika Agarwal In Their Shoes: Using Virtual Reality to Foster Empathy M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia M33 101-230-A1 PlantSci F Charlotte Lara Allelopathic Effects of California Native Trees on a California Native Grass, Festuca Californica M32 101-240-61 PlantSci F Anya Chatterjee Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of pH Changes on Digestive Enzyme Activity: Ar Application to Cancer M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning						
M36 101-160-61 BehavSci F Neeta Chethan The Effects of Distracted Interferences on Reaction Time M35 101-210-11 PlantSci M Robert Stanley Testing Pontederia Cordata with Turbulence in Water for Pollutan Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia M33 101-230-A1 PlantSci F Charlotte Lara Allelopathic Effects of California Native Trees on a California Native Grass, Festuca Californica M32 101-240-61 PlantSci F Anya Chatterjee Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of pH Changes on Digestive Enzyme Activity: Ar Application to Cancer M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning	M39	101-130-Н2		F	Consuelo Romero Martinez & Tuoyang Ye	
M35 101-210-11 PlantSci M Robert Stanley M36 101-220-E1 PlantSci F Beatrice Mihalache M37 101-230-A1 PlantSci F Charlotte Lara M38 101-230-A1 PlantSci F Charlotte Lara M39 101-240-61 PlantSci F Anya Chatterjee M30 101-250-21 PlantSci F Gwyneth Wong M30 101-260-F1 PlantSci M Srikar Kolluru M30 101-310-A1 AnimalSci F Aaina Dogra Testing Pontederia Cordata with Turbulence in Water for Pollutary Absorption Capability Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia Allelopathic Effects of California Native Trees on a California Native Grass, Festuca Californica Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of pH Changes on Digestive Enzyme Activity: Ar Application to Cancer M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning	M37	101-140-E1				
Absorption Capability M34 101-220-E1 PlantSci F Beatrice Mihalache Effects of Polyethylene Microbeads on Lactuca sativa var. Longifolia M33 101-230-A1 PlantSci F Charlotte Lara Allelopathic Effects of California Native Trees on a California Native Grass, Festuca Californica M32 101-240-61 PlantSci F Anya Chatterjee Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of pH Changes on Digestive Enzyme Activity: Ar Application to Cancer M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning	М36	101-160-61				The Effects of Distracted Interferences on Reaction Time
M34 101-220-E1 PlantSci F Beatrice Mihalache M35 101-230-A1 PlantSci F Charlotte Lara M36 101-240-61 PlantSci F Anya Chatterjee M37 101-250-21 PlantSci F Gwyneth Wong M38 101-260-F1 PlantSci F Anya Chatterjee M39 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Gwyneth Wong M30 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Gwyneth Wong M30 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Gwyneth Wong M30 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Gwyneth Wong M30 101-260-F1 PlantSci F Anya Chatterjee M30 101-260-F1 PlantSci F Gwyneth Wong M30 101-260-F1 PlantSci F Gwyneth Wong M30 101-260-F1 PlantSci F AnimalSci F AnimalSc	М35	101-210-11	PlantSci	M	Robert Stanley	Testing Pontederia Cordata with Turbulence in Water for Pollutant
M33 101-230-A1 PlantSci F Charlotte Lara M32 101-240-61 PlantSci F Anya Chatterjee M31 101-250-21 PlantSci F Gwyneth Wong M30 101-260-F1 PlantSci M Srikar Kolluru M30 101-310-A1 AnimalSci F Aaina Dogra Allelopathic Effects of California Native Trees on a California Native Grass, Festuca Californica Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds Role of photodegradation of water retaining polymer when applied to pea plants Modeling the Effect of pH Changes on Digestive Enzyme Activity: Ar Application to Cancer						
Grass, Festuca Californica M32 101-240-61 PlantSci F Anya Chatterjee Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of pH Changes on Digestive Enzyme Activity: Ar Application to Cancer M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning	м34	101-220-E1				
M32 101-240-61 PlantSci F Anya Chatterjee Levels of Dissolved Oxygen Produced by Nonvascular Plants in Freshwater Ponds M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of pH Changes on Digestive Enzyme Activity: Ar Application to Cancer M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning	M33	101-230-A1	PlantSci	F	Charlotte Lara	Allelopathic Effects of California Native Trees on a California Native
M31 101-250-21 PlantSci F Gwyneth Wong Role of photodegradation of water retaining polymer when applied to pea plants M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of pH Changes on Digestive Enzyme Activity: Ar Application to Cancer M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning						
M30 101-260-F1 PlantSci M Srikar Kolluru Modeling the Effect of pH Changes on Digestive Enzyme Activity: An Application to Cancer M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning	M32	101-240-61				
Application to Cancer M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning	M31	101-250-21	PlantSci			
M29 101-310-A1 AnimalSci F Aaina Dogra Effects of Water pH on the Hippocampal Lobe Volume and Learning	M30	101-260-F1	PlantSci	M	Srikar Kolluru	Modeling the Effect of pH Changes on Digestive Enzyme Activity: An
	M29	101-310-A1	AnimalSci	F	Aaina Dogra	Effects of Water pH on the Hippocampal Lobe Volume and Learning
Ability of Flightless Drosophila melanogaster						Ability of Flightless Drosophila melanogaster

using Drosophila melanogaster 101-330-12 T AnimalSci M Prakrit Jain & Harper Forbes Investigation of Compounds responsible for scorpion fluorescence and cuticle light sensitivity 101-350-81 AnimalSci M Chehan Wijayaratne Do Ants need a GPS? 101-410-12 T BiocheMic F Melana Liu & Angela Wang The Effects of Lowering PH on the Bioluminescence of Dinoflagellates 101-410-12 T BiocheMic F Mya Harmmond The 5 second rule: is it real? 101-440-71 BiocheMic M Nicholas Manuto Expressing Alkane Depradation and Measuring the Biodegradation Effectiveness of Solar Water Disinfection 101-450-22 T BiocheMic M Andrew Dang & Joshua Park The Effect of Materials and Their Properties on The Effectiveness of Solar Water Disinfection 101-450-22 T BiocheMic M Andrew Dang & Joshua Park The Effect of Materials and Their Properties on The Effectiveness of Solar Water Disinfection 101-450-22 T BiocheMic M Andrew Dang & Joshua Park The Effect of Materials and Their Properties on The Effectiveness of Solar Water Disinfection 101-511-91 BioInfo F Nikhita Arrun Dang & Joshua Park Dang &	Loc. Proj. Num. Te	am Field G	ender Students	Title
March Marc	M28 101-320-61		F Jordan Naddaf	Increased Airborne Zinc Concentration and the Onset of Anosmia
m23 101-350-B1 AnimalSci M Chehan Wijayaratne Do Ants need a GPS? m22 101-360-62 T AnimalSci F Atti Liu & Hanna Liu & Angela Wang The Effects of Lovering pH on the Bioluminescence of Dinoflagellates m20 101-410-12 T BiocheMic F Megha Yengoti & Ramya Chamkeri Fffect of Mixture with Varying Ratios of Manuka Honey to Silver Nanoparticles on Biofilim Formation of Micrococcus Luteus m18 101-430-71 BiocheMic M Nicholas Manuto Expression Markeri BiocheMic F Mya Hammond The 5 second rule: is the real? m17 101-440-71 BiocheMic M Nicholas Manuto Expression Markeri Disinfection m16 101-450-22 T BiocheMic M Nicholas Manuto Expression Markeri Disinfection m17 101-440-71 BiocheMic M Nicholas Manuto Expression Markeri Disinfection m18 101-450-27 BiocheMic M Nicholas Manuto Expression Markeri Disinfection m19 101-511-91 Biolnfo F Nikhita Arun Biomarkers and Subclinical Cardiovascular Disease m10 101-520-71 Biolnfo F Julia Biswas Automated Detection of Suicidal Ideation in Tweets Using A Machine Elaming Algorithm m10 101-520-71 Biolnfo F Arohee Bhoja Identification of Suicidal Ideation in Tweets Using A Machine Learning Algorithm m10 101-530-31 Biolnfo F Arohee Bhoja Identification of Acute Lymphoblastic Leukemia in Blood Samples m11 101-540-61 Biolnfo F Riya Chatterjee Novel Early Detection of Neurodegenerative diseases using Cortical Gyrification and Deep Learning Methods m13 101-560-81 Biolnfo F Shachi Prasad Machine Island Lobular Breast Carcinoma miRNA Expression m14 101-590-01 Biolnfo M Andre Mai Ductal Identification of Acute Lymphoblastic Leukemia in Biod Samples m15 101-610-31 MedHeaSci F Naid Miller The Effect of Manuka Honey as a Reuroprotective Agent Against Neurodegeneration Caused by Aspartame in C. elegans m18 101-620-C1 MedHeaSci M Nishan Redy The Effect of Varying Concentrations of Otat and Barley Extract on m19 101-641-51 T MedHeaSci F Vivian Trinh & Becky Duong The Heafled of Dannia Mangan m19 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Heafled of Dannia Mangan				
m23 101-350-B1 AnimalSci M Chehan Wijayaratne Do Ants need a GPS? m22 101-360-62 T AnimalSci F Atti Liu & Hanna Liu & Angela Wang The Effects of Lovering pH on the Bioluminescence of Dinoflagellates m20 101-410-12 T BiocheMic F Megha Yengoti & Ramya Chamkeri Feffect of Mixture with Varying Ratios of Manuka Honey to Silver Nanoparticles on Biofilm Formation of Micrococcus Luteus m36 101-430-81 BiocheMic M Nicholas Manuto Expressing Alkane Degradation and Measuring the Biodegradation Efficiency m36 101-450-22 T BiocheMic M Nicholas Manuto Expressing Alkane Degradation and Measuring the Biodegradation Efficiency m36 101-450-21 T BiocheMic M Nicholas Manuto Expressing Alkane Degradation and Measuring the Biodegradation Efficiency m36 101-450-22 T BiocheMic M Nicholas Manuto Effectiveness of Solar Water Disinfection m37 101-440-71 BiocheMic M Nicholas Manuto Effectiveness of Solar Water Disinfection m38 101-450-21 T BiocheMic M Nicholas Manuto Effectiveness of Solar Water Disinfection m37 101-450-72 T BiocheMic M Nicholas Manuto Biologradation Efficiency m38 101-551-51 Biolnfo F Julia Biswas Automated Detection of Suicidal Ideation in Tweets Using A Machine Learning Algorithm m30 101-521-51 Biolnfo F Julia Biswas Automated Detection of Suicidal Ideation in Tweets Using A Machine Learning Algorithm m30 101-521-51 Biolnfo F Arohee Bhoja Identification of Acute Lymphoblastic Leukemia in Blood Samples Liu 101-530-31 Biolnfo F Riya Chatterjee Novel Effect of Novel Missense Mutations in Neurological Disorders on Treetin Structure and Function, in silico Liu 101-550-C1 Biolnfo F Shachi Prasad Algorithm Automated Detection of Neurodegenerative diseases using Cortical Gyrification and Deep Learning Methods Liu 101-590-Bi Biolnfo F Shachi Prasad Machine Learning Algorithm Liu 101-590-Bi Biolnfo F Shachi Prasad Machine Learning Algorithm Liu 101-590-Bi Biolnfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression Liu 101-590-Bi Biolnfo M Shara Redy Testing To Novel Early Detection Caused by Aspartame in C. elegans	M27 101-330-12	T AnimalSci	M Prakrit Jain & Harper Forbes	Investigation of Compounds responsible for scorpion fluorescence
M22 101-360-62 T AnimalSic F Megha Yengoti & Ramya Chamkeri Effect of Lowering pH on the Bioluminescence of Dinoflagellates M20 101-410-12 T BiocheMic F Megha Yengoti & Ramya Chamkeri Effect of Mixture with Varying Ratios of Manuka Honey to Silver Nanoparticles on Biofilm Formation of Micrococcus Luteus The 5 second rule: is it real? M12 101-430-81 BiocheMic M Nicholas Manuto Expressing Alkane Degradation and Measuring the Biodegradation Efficiency M15 101-440-71 BiocheMic M Nicholas Manuto Expressing Alkane Degradation and Measuring the Biodegradation Efficiency M16 101-450-22 T BiocheMic M Andrew Dang & Joshua Park The 5 second rule: is it real? M17 101-440-71 BiocheMic M Andrew Dang & Joshua Park The 5 second rule: is it real? M18 101-450-22 T BiocheMic M Andrew Dang & Joshua Park The 5 second rule: is it real? M19 101-450-72 T BiocheMic M Andrew Dang & Joshua Park The 5 second rule: is it real? M10 101-511-91 Biolnfo F Nikhita Arun Computer Model that Identifies Relationship between Urine Biomarkers and Subclinical Cardiovascular Disease M11 101-520-71 Biolnfo F Julia Biswas Automated Detection of Sucidal Ideation in Tweets Using A Machine Learning Algorithm M10 101-521-51 Biolnfo M Shivek Narang Predicting the Effect of Novel Missense Mutations in Neurological Disorders on Protein Structure and Function, in silico Disorders on Protein Structure and Func				
M20 101-410-12 T BiocheMic F Megha Yengoti & Ramya Chamkeri Effect of Mixture with Varying Ratios of Manuka Honey to Silver Nanoparticles on Biofilm Formation of Micrococcus Luteus	M23 101-350-B1			
Nanoparticles on Biofilm Formation of Micrococcus Luteus	M22 101-360-62			
M18 101-430-B1 BiocheMic F Mya Hammond The 5 second rule: is it real? M17 101-440-71 BiocheMic M Nicholas Manuto Expressing Alkane Degradation and Measuring the Biodegradation Efficiency M16 101-450-22 T BiocheMic M Nicholas Manuto The Effect of Materials and Their Properties on The Effectiveness of Solar Water Disinfection M14 101-460-F2 T BiocheMic M Andrew Dang & Joshua Park The Effect of Materials and Their Properties on The Effectiveness of Solar Water Disinfection M12 101-511-91 Biolnfo F Nikhita Arun Computer Model that Identifies Relationship between Urine Biomarkers and Subclinical Cardiovascular Disease M11 101-520-71 Biolnfo F Julia Biswas Automated Detection of Suicidal Ideation in Tweets Using A Machine Learning Algorithm M10 101-521-51 Biolnfo M Shivek Narang Predicting the Effect of Novel Missense Mutations in Neurological Disorders on Protein Structure and Function, in silico Identification of Acute Lymphoblastic Leukemia in Blood Samples M11 101-540-G1 Biolnfo F Arohee Bhoja Identification of Acute Lymphoblastic Leukemia in Blood Samples Using Deep Learning Methods M12 101-550-G1 Biolnfo M Vardhan Agrawal A Novel Early Detection of Neurodegenerative diseases using Cortical Gynfication and Deep Learning Methods M13 101-560-B1 Biolnfo F Shachi Prasad Alam Machine learning approach to cancer discovery and classification based on gene expression and gene marker identification M14 101-590-D1 Biolnfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression M15 101-610-31 MedHeaSci F Kelly Ferguson Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melangoaster The Effect of Monutal Honey as a Neuroprotective Agent Against Neurodegine-Older Neurodegine-Older Turneric for the restment of Cancer The effects of Nethologing Proposal to Caused by Aspartame in C. elegans M101-641-51 MedHeaSci M MedHeaSci M Mishan Reddy Testing the Effect of Various Interactions with Caffeine on the Heaffal Abolitation of Neuroscopin Degeneration M101-641-651-12 T MedHeaS	M20 101-410-12	T BiocheMic	F Megha Yengoti & Ramya Chamkeri	
Min Min Min Micholas Manuto Expressing Alkane Degradation and Measuring the Biodegradation Efficiency The Effect of Materials and Their Properties on The Effectiveness of Solar Water Disinfection Min Andrew Dang & Joshua Park The Effect of Materials and Their Properties on The Effectiveness of Solar Water Disinfection Min Andrew Dang & Joshua Park The Effect of Materials and Their Properties on The Effectiveness of Solar Water Disinfection Min				
M16 101-450-22 T BiocheMic M Andrew Dang & Joshua Park M17 101-460-F2 T BiocheMic M Andrew Dang & Joshua Park M18 101-460-F2 T BiocheMic M Solar Water Disinfection M19 101-511-91 Biolnfo F Nikhita Arun Bacterial Infestation Computer Model that Identifies Relationship between Urine Biomarkers and Subclinical Cardiovascular Disease M11 101-520-71 Biolnfo F Julia Biswas M10 101-521-51 Biolnfo F Julia Biswas Automated Detection of Suicidal Ideation in Tweets Using A Machine Learning Algorithm M10 101-521-51 Biolnfo F Arohee Bhoja Predicting the Effect of Novel Missense Mutations in Neurological Disorders on Protein Structure and Function, in silico Identification of Acute Lymphoblastic Leukemia in Blood Samples Using Deep Learning M10 101-540-G1 Biolnfo F Riya Chatterjee Novel Early Detection of Neurodegenerative diseases using Cortical Gyrification and Deep Learning Methods M18 101-550-C1 Biolnfo M Vardhan Agrawal A Novel System for Cuff-Less Blood Pressure Monitoring M3 101-560-81 Biolnfo F Shachi Prasad A Novel System for Cuff-Less Blood Pressure Monitoring M3 101-560-81 Biolnfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression M3 101-610-31 MedHeaSci F Kelly Ferguson M3 101-620-61 MedHeaSci F Anya Raju M4 101-620-61 MedHeaSci F Anya Raju M5 101-641-52 T MedHeaSci M Logan Morley M5 101-641-52 T MedHeaSci M M Sishan Reddy M6 101-641-52 T MedHeaSci M M James Ouyang M6 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M6 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M6 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M7 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M7 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M8 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M8 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M8 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M8 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M8 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M8 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong M8 1	M18 101-430-B1			
Solar Water Disinfection M14 101-460-F2 T BiocheMic Mic 101-511-91 Biolnefo F Nikhita Arun M15 101-511-91 Biolnefo F Nikhita Arun M16 101-520-71 Biolnefo F Julia Biswas M17 101-520-71 Biolnefo F Julia Biswas Automated Detection of Suicidal Ideation in Tweets Using A Machine Learning Algorithm M17 101-521-51 Biolnefo M Shivek Narang M18 101-520-71 Biolnefo M Shivek Narang M19 101-521-51 Biolnefo F Arohee Bhoja M19 101-521-51 Biolnefo F Arohee Bhoja M10 101-520-71 Biolnefo F Arohee Bhoja M19 101-520-71 Biolnefo F Arohee Bhoja M19 101-520-71 Biolnefo F Arohee Bhoja M10 101-520-71 Biolnefo F Riya Chatterjee M10 101-520-61 Biolnefo F Riya Chatterjee M10 101-520-61 Biolnefo F Riya Chatterjee M10 101-520-61 Biolnefo F Shachi Prasad M20 101-520-61 Biolnefo F	M17 101-440-71			
M14 101-460-F2 T BioInfo F Nikhita Arun Bacterial Infestation M12 101-511-91 BioInfo F Nikhita Arun Computer Model that Identifies Relationship between Urine Biomarkers and Subclinical Cardiovascular Disease M11 101-520-71 BioInfo F Julia Biswas Automated Detection of Suicidal Ideation in Tweets Using A Machine Learning Algorithm M10 101-521-51 BioInfo M Shivek Narang Predicting the Effect of Novel Missense Mutations in Neurological Disorders on Protein Structure and Function, in silico Using Deep Learning L10 101-530-31 BioInfo F Arohee Bhoja Identification of Acute Lymphoblastic Leukemia in Blood Samples Using Deep Learning L11 101-540-91 BioInfo F Riya Chatterjee Predicting the Effect of Novel Bisphoblastic Leukemia in Blood Samples Using Deep Learning L12 101-550-01 BioInfo F Riya Chatterjee Predicting the Effect of Pressure Monitoring L12 101-550-01 BioInfo M Vardhan Agrawal A Novel System for Cuff-Less Blood Pressure Monitoring L13 101-550-01 BioInfo M	M16 101-450-22	T BiocheMic	M Andrew Dang & Joshua Park	
M11 101-520-71 BioInfo F Nikhita Arun Computer Model that Identifies Relationship between Urine Biomarkers and Subclinical Cardiovascular Disease M11 101-520-71 BioInfo F Julia Biswas Automated Detection of Suicidal Ideation in Tweets Using A Machine Learning Algorithm M10 101-521-51 BioInfo M Shivek Narang Predicting the Effect of Novel Missense Mutations in Neurological Disorders on Protein Structure and Function, in silico L10 101-530-31 BioInfo F Arohee Bhoja Identification of Acute Lymphoblastic Leukemia in Blood Samples L11 101-540-91 BioInfo F Riya Chatterjee Novel Early Detection of Neurodegenerative diseases using Cortical Gyrification and Deep Learning Methods L12 101-550-c1 BioInfo M Vardhan Agrawal A Novel System for Cuff-Less Blood Pressure Monitoring L13 101-560-81 BioInfo F Shachi Prasad Machine learning approach to cancer discovery and classification based on gene expression and gene marker identification L14 101-590-D1 BioInfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression L15 101-610-31 MedHeaSci F Kelly Ferguson Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogaster L16 101-620-G1 MedHeaSci F Anya Raju Ullizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-630-C1 MedHeaSci M Logan Morley Testing for Methyllytorine on the pgp-3*F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of the herbicide. Gyphosate, on motor neurons within C. elegans L20 101-641-52 T MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration The Effect of Varying Concentrations of Oat and Barley Extract on				
Biomarkers and Subclinical Cardiovascular Disease Automated Detection of Suicidal Ideation in Tweets Using A Machine Learning Algorithm	M14 101-460-F2	T BiocheMic		
M10 101-520-71 BioInfo F Julia Biswas Automated Detection of Suicidal Ideation in Tweets Using A Machine Learning Algorithm M10 101-521-51 BioInfo M Shivek Narang Predicting the Effect of Novel Missense Mutations in Neurological Disorders on Protein Structure and Function, in silico L10 101-530-31 BioInfo F Arohee Bhoja Identification of Acute Lymphoblastic Leukemia in Blood Samples Using Deep Learning L11 101-540-G1 BioInfo F Riya Chatterjee Novel Early Detection of Neurodegenerative diseases using Cortical Gyrification and Deep Learning Methods L12 101-550-C1 BioInfo M Vardhan Agrawal A Novel System for Cuff-Less Biood Pressure Monitoring Machine learning approach to cancer discovery and classification based on gene expression and gene marker identification L14 101-590-D1 BioInfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression L15 101-610-31 MedHeaSci F Kelly Ferguson Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogaster L16 101-620-G1 MedHeaSci F Nadia Miller The Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegneration Caused by Aspartame in C. elegans L17 101-621-E1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turneric for the Treatment of Cancer MedHeaSci M Logan Morley The effects of N-Methylglycine on the ppg-3°F508 mutation in C. Elegans, modeling Cystic Fibrosis Testing the effects of the herbicide, Glyphosate, on motor neurons with Caffeine on the Heart Rate of Daphnia Magna L22 101-640-81 MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration The Effect of Varying Concentrations of Oat and Barley Extract on	M12 101-511-91	BioInfo	F Nikhita Arun	
Learning Algorithm 101-521-51				
M10 101-521-51 BioInfo M Shivek Narang Predicting the Effect of Novel Missense Mutations in Neurological Disorders on Protein Structure and Function, in silico L10 101-530-31 BioInfo F Arohee Bhoja Identification of Acute Lymphoblastic Leukemia in Blood Samples Using Deep Learning L11 101-540-G1 BioInfo F Riya Chatterjee Novel Early Detection of Neurodegenerative diseases using Cortical Gyrification and Deep Learning Methods L12 101-550-C1 BioInfo M Vardhan Agrawal A Novel System for Cuff-Less Blood Pressure Monitoring L33 101-560-81 BioInfo F Shachi Prasad Machine learning approach to cancer discovery and classification based on gene expression and gene marker identification Ductal and Lobular Breast Carcinoma miRNA Expression Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogaster L16 101-620-G1 MedHeaSci F Nadia Miller The Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegeneration Caused by Aspartame in C. elegans L17 101-621-E1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-640-81 MedHeaSci M Logan Morley The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L20 101-641-52 T MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on	M11 101-520-71	BioInfo	F Julia Biswas	· · · · · · · · · · · · · · · · · · ·
Disorders on Protein Structure and Function, in silico Identification of Acute Lymphoblastic Leukemia in Blood Samples Using Deep Learning				
L11 101-540-G1 BioInfo F Riya Chatterjee Novel Early Detection of Neurodegenerative diseases using Cortical Cyrification and Deep Learning Methods L12 101-550-C1 BioInfo M Vardhan Agrawal A Novel System for Cuff-Less Blood Pressure Monitoring L13 101-560-81 BioInfo F Shachi Prasad Machine learning approach to cancer discovery and classification based on gene expression and gene marker identification L14 101-590-D1 BioInfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression L15 101-610-31 MedHeaSci F Kelly Ferguson Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogaster L16 101-620-G1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-630-C1 MedHeaSci M Logan Morley The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of Various Interactions with Caffeine on the Heart Rate of Daphnia Magna L22 101-650-41 MedHeaSci M James Ouyang The Effect of Varying Concentrations of Oat and Barley Extract on	M10 101-521-51	BioInfo	M Shivek Narang	
Using Deep Learning				
L11 101-540-G1 BioInfo F Riya Chatterjee Novel Early Detection of Neurodegenerative diseases using Cortical Gyrification and Deep Learning Methods L12 101-550-C1 BioInfo M Vardhan Agrawal A Novel System for Cuff-Less Blood Pressure Monitoring L13 101-560-81 BioInfo F Shachi Prasad Machine learning approach to cancer discovery and classification based on gene expression and gene marker identification L14 101-590-D1 BioInfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression L15 101-610-31 MedHeaSci F Kelly Ferguson Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogaster L16 101-620-G1 MedHeaSci F Nadia Miller The Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegneration Caused by Aspartame in C. elegans L17 101-621-B1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-630-C1 MedHeaSci M Logan Morley The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans L20 101-641-52 T MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on	L10 101-530-31	BioInfo	F Arohee Bhoja	·
Gyrification and Deep Learning Methods L12 101-550-C1 BioInfo M Vardhan Agrawal A Novel System for Cuff-Less Blood Pressure Monitoring L13 101-560-81 BioInfo F Shachi Prasad Machine learning approach to cancer discovery and classification based on gene expression and gene marker identification L14 101-590-D1 BioInfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression L15 101-610-31 MedHeaSci F Kelly Ferguson Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogaster L16 101-620-G1 MedHeaSci F Nadia Miller The Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegneration Caused by Aspartame in C. elegans Neurodegneration Caused by Aspartame in C. elegans The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans L20 101-650-41 MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L22 101-650-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on				
L12 101-550-C1 BioInfo M Vardhan Agrawal A Novel System for Cuff-Less Blood Pressure Monitoring L13 101-560-81 BioInfo F Shachi Prasad Machine learning approach to cancer discovery and classification based on gene expression and gene marker identification L14 101-590-D1 BioInfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression L15 101-610-31 MedHeaSci F Kelly Ferguson Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogaster L16 101-620-G1 MedHeaSci F Nadia Miller The Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegneration Caused by Aspartame in C. elegans L17 101-621-E1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-630-C1 MedHeaSci M Logan Morley The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans L20 101-641-52 T MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L22 101-650-41 MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on	L11 101-540-G1	BioInfo	F Riya Chatterjee	
Biolnfo F Shachi Prasad Machine learning approach to cancer discovery and classification based on gene expression and gene marker identification				
based on gene expression and gene marker identification L14 101-590-D1 BioInfo M Andre Mai Ductal and Lobular Breast Carcinoma miRNA Expression L15 101-610-31 MedHeaSci F Kelly Ferguson Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogaster L16 101-620-G1 MedHeaSci F Nadia Miller The Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegneration Caused by Aspartame in C. elegans L17 101-621-E1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-630-C1 MedHeaSci M Logan Morley The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modelling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans L20 101-641-52 T MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on	L12 101-550-C1			
L14101-590-D1BiolnfoMAndre MaiDuctal and Lobular Breast Carcinoma miRNA ExpressionL15101-610-31MedHeaSciFKelly FergusonTesting for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogasterL16101-620-G1MedHeaSciFNadia MillerThe Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegneration Caused by Aspartame in C. elegansL17101-621-E1MedHeaSciFAnya RajuUtilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of CancerL18101-630-C1MedHeaSciMLogan MorleyThe effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic FibrosisL19101-640-81MedHeaSciMNishan ReddyTesting the effects of the herbicide, Glyphosate, on motor neurons within C. elegansL20101-641-52TMedHeaSciMKaushal Raghu & Aditi PoddarInvestigating the Effects of Various Interactions with Caffeine on the Heart Rate of Daphnia MagnaL22101-650-41MedHeaSciMJames OuyangThe Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor DegenerationL26101-651-12TMedHeaSciFVivian Trinh & Becky DuongThe Effect of Varying Concentrations of Oat and Barley Extract on	L13 101-560-81	BioInfo	F Shachi Prasad	
Testing for Abnormal Heart Rate as a Side Effect of Passiflora incarnata in Wingless Drosophila melanogaster Life 101-620-G1 MedHeaSci F Nadia Miller The Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegneration Caused by Aspartame in C. elegans Life 101-621-E1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer				
incarnata in Wingless Drosophila melanogaster L16 101-620-G1 MedHeaSci F Nadia Miller The Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegneration Caused by Aspartame in C. elegans L17 101-621-E1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-630-C1 MedHeaSci M Logan Morley The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans L20 101-641-52 T MedHeaSci F Kaushal Raghu & Aditi Poddar Investigating the Effects of Various Interactions with Caffeine on the Heart Rate of Daphnia Magna L22 101-650-41 MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on	L14 101-590-D1			
The Effect of Manuka Honey as a Neuroprotective Agent Against Neurodegneration Caused by Aspartame in C. elegans L17 101-621-E1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-630-C1 MedHeaSci M Logan Morley The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans L20 101-641-52 T MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L20 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on	L15 101-610-31	MedHeaSci	F Kelly Ferguson	
Neurodegneration Caused by Aspartame in C. elegans L17 101-621-E1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-630-C1 MedHeaSci M Logan Morley The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans L20 101-641-52 T MedHeaSci M Kaushal Raghu & Aditi Poddar Investigating the Effects of Various Interactions with Caffeine on the Heart Rate of Daphnia Magna L22 101-650-41 MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on				
L17 101-621-E1 MedHeaSci F Anya Raju Utilizing Olive Oil For Increasing Absorption of Turmeric for the Treatment of Cancer L18 101-630-C1 MedHeaSci M Logan Morley The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans L20 101-641-52 T MedHeaSci F Kaushal Raghu & Aditi Poddar Investigating the Effects of Various Interactions with Caffeine on the Heart Rate of Daphnia Magna L22 101-650-41 MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on	L16 101-620-G1	MedHeaSci	F Nadia Miller	
The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis L19 101-640-81 MedHeaSci M Nishan Reddy L20 101-641-52 T MedHeaSci F Kaushal Raghu & Aditi Poddar L21 101-650-41 MedHeaSci M James Ouyang L22 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The effects of N-Methylglycine on the pgp-3"F508 mutation in C. Elegans, modeling Cystic Fibrosis Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans Investigating the Effects of Various Interactions with Caffeine on the Heart Rate of Daphnia Magna The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration The Effect of Varying Concentrations of Oat and Barley Extract on				
Elegans, modeling Cystic Fibrosis 101-640-81 MedHeaSci M Nishan Reddy 101-641-52 T MedHeaSci F Kaushal Raghu & Aditi Poddar 101-650-41 MedHeaSci M James Ouyang 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong Elegans, modeling Cystic Fibrosis Testing the effects of the herbicide, Glyphosate, on motor neurons within C. elegans Investigating the Effects of Various Interactions with Caffeine on the Heart Rate of Daphnia Magna The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration The Effect of Varying Concentrations of Oat and Barley Extract on	L17 101-621-E1			
L19101-640-81MedHeaSciM Nishan ReddyTesting the effects of the herbicide, Glyphosate, on motor neurons within C. elegansL20101-641-52T MedHeaSciF _M Kaushal Raghu & Aditi PoddarInvestigating the Effects of Various Interactions with Caffeine on the Heart Rate of Daphnia MagnaL22101-650-41MedHeaSciM James OuyangThe Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor DegenerationL26101-651-12T MedHeaSciF Vivian Trinh & Becky DuongThe Effect of Varying Concentrations of Oat and Barley Extract on	L18 101-630-C1	MedHeaSci	M Logan Morley	
L20 101-641-52 T MedHeaSci F _M Kaushal Raghu & Aditi Poddar Investigating the Effects of Various Interactions with Caffeine on the Heart Rate of Daphnia Magna L22 101-650-41 MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on				
Heart Rate of Daphnia Magna L22 101-650-41 MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on				
L22 101-650-41 MedHeaSci M James Ouyang The Healing Abilities of Antioxidants on Drosophila with Blue Light Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on	L20 101-641-52	T MedHeaSci	¹/ _M Kaushal Raghu & Aditi Poddar	
Induced Photoreceptor Degeneration L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on				
L26 101-651-12 T MedHeaSci F Vivian Trinh & Becky Duong The Effect of Varying Concentrations of Oat and Barley Extract on	L22 101-650-41	MedHeaSci	M James Ouyang	
Cholesterol Reduction	L26 101-651-12	T MedHeaSci	F Vivian Trinh & Becky Duong	
				Cholesterol Reduction

1.01 1.01 1.05 1.01 1.05	Loc. Proj. Num. Team Field Gender Students	Title
Lag 101-680-82 T MedHeaSci M. Krishna Ajjarapu & Amodh Anand & Harini Pootheri Lag 101-710-C1 BiomedEng M Arnav Jhingran HeartSense Detecting cardiac abnormalisties using a simple stethoscope recorder and analysis using a deep learning model	L28 101-660-н1 MedHeaSci F Atreyi Mukherjee	The effect of electronic cigarette liquid on the viability of Lumbriculus variegatus
BiomedEng Marav Jhingran HeartSense: Detecting cardiac abnormalities using a simple stethosocy percorder and analysis using a deep learning model	L29 101-670-D1 MedHeaSci M Ruchir Kodihalli	A Novel Way to Determine if Organophosphates Cause Neurological Disorders
stethoscope recorder and analysis using a deep learning model 133 101-720-72 T BiomedEng M Shashank Venkatramani & Pranav Eranki 133 101-730-41 BiomedEng F Safaa Mouline 135 101-730-41 BiomedEng F Safaa Mouline 136 101-740-#1 BiomedEng F Safaa Mouline 137 101-740-#1 BiomedEng F Seung Ah Choi 138 102-740-#1 BiomedEng F Seung Ah Choi 139 102-740-17 Chemistry 139 102-740-17 Chemistry 143 102-740-17 Chemistry 150 102-740-18 Chemistry 150 102-740-18 Chemistry 150 102-740-74 Chemistry 150 102-740	L30 101-680-82 T MedHeaSci ^F / _M Krishna Ajjarapu & Amodh Anand & Harini Pootheri	Measuring the effects of the ratio of berberine to water on the permeation of skin.
Ashma diagnosis and progression tracking through the use of non-intrusive wearable technology and respiratory analysis Ashma diagnosis and progression tracking through the use of non-intrusive wearable technology and respiratory analysis Application that Enhances Comprehension of Real Time Speech for People with Auditory Processing Disorder Increasing the Efficiency of the Topical Medication Triamcinolone Acetonide in the Orl flee Topical Medication Triamcinolone Acetonide in the Orl flee Topical Medication Triamcinolone Acetonide in the Orl Cavity Orlon-Analysis A Deep Learning Based Tool for Malocclusion Detection L38 102-A10-61 Chemistry F Kate Jackson The Effect of Limestone in Removing Excess Fluoride from Water The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality Milliam Huang & Dawson Le Water Resistant Swimming Water Resistant Swimming Water Resistant Swimming The Impact of Continuing Swimming The Impact of Chemistry Milliam Huang & Dawson Le Water Resistant Swimming Water Residuals Swimming The Impact of Chemistry Milliam Huang & Dawson Le Water Residuals Swimming Water Residuals Swimming The Impact of Chemistry Milliam Huang & Dawson Le Water Residuals Swimming Water Residuals Swimming The Impact of Chemistry Milliam Huang & Dawson Le Water Residuals Swimming The Impact of Chemistry Milliam Huang & Dawson Le Water Residuals Swimming The Impact of Paper Various Conditions Chemistry Milliam Huang & Dawson Le Water Residuals Swimming The Impact of Paper Various Conditions The Impact of Paper Various Con	L32 101-710-C1 BiomedEng M Arnav Jhingran	HeartSense: Detecting cardiac abnormalities using a simple
Non-intrusive wearable technology and respiratory analysis Application that Enhances Comprehension of Real Time Speech for People with Auditory Processing Disorder Application that Enhances Comprehension of Real Time Speech for People with Auditory Processing Disorder Application that Enhances Comprehension of Real Time Speech for People with Auditory Processing Disorder Application that Enhances Comprehension of Real Time Speech for People with Auditory Processing Disorder Application to the Total Cavity Application Application to the Total Cavity Application Applica		stethoscope recorder and analysis using a deep learning model
BiomedEng F Safaa Mouline Application that Enhances Comprehension of Real Time Speech for People with Auditory Processing Disorder Increasing the Efficiency of the Topical Medication Triamcinolone Acetonide in the Oral Cavity Ortho-Analyzer: A Deep Learning Based Tool for Malocclusion Detection Acetonide in the Oral Cavity Ortho-Analyzer: A Deep Learning Based Tool for Malocclusion Detection Acetonide in the Oral Cavity Ortho-Analyzer: A Deep Learning Based Tool for Malocclusion Detection Chemistry F Kate Jackson The Effect of Limestone in Removing Excess Fluoride from Water The Impact of Alternative Fibrous Materials in Paper Construction Acetonide in the Oral Cavity The Impact of Alternative Fibrous Materials in Paper Construction Acetonide in the Oral Cavity Acetonide from Water The Impact of Alternative Fibrous Materials in Paper Construction Acetonide in Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Materials in Paper Construction Acetonide in Paper Construction A	L33 101-720-72 T BiomedEng M Shashank Venkatramani & Pranav Eranki	Asthma diagnosis and progression tracking through the use of
People with Auditory Processing Disorder 136 101-740+11 BiomedEng F Seung Ah Choi Increasing the Efficiency of the Topical Medication Triamcinolone Acetonide in the Oral Cavity 137 101-760-91 BiomedEng M Samarth Girish Ortho-Analyzare. Deep Learning Based Tool for Malocclusion Detection 138 102-240-61 Chemistry F Kate Jackson The Effect of Limestone in Removing Excess Fluoride from Water 139 102-A20-12 T Chemistry F Ivie Xue & Patricia Huang The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality 142 102-A30-F1 Chemistry F North Shah Therapeutic Effect of Curcumin as a Metal Chelator against Alzheimer's Disease 144 102-A40-A2 T Chemistry M William Huang & Dawson Le Water Resistant Swimming 146 102-A50-62 T Chemistry M William Huang & Dawson Le Water Resistant Swimming 147 102-B10-F1 Chemistry F Nicole Krockenberger Creating a Renewable and Biodegradable Bioplastic from Bambusa multiplex 149 102-B10-F1 CheEnvEng F Nicole Krockenberger Creating a Renewable and Biodegradable Bioplastic from Bambusa multiplex 149 102-B10-F1 CheEnvEng F Dylan Chin Ability of Ferrofluids to Remove Organophosphates from Ocean Water 150 102-B20-B1 CheEnvEng F Roya Ahmadi Alzheimeri Disease PMS Ability of Ferrofluids to Remove Organophosphates from Ocean Water 151 102-B20-B1 CheEnvEng F May Ahmadi Alzheimeri Disease PMS Ability of Ferrofluids to Remove Organophosphates from Ocean Water 152 102-B20-B1 CheEnvEng F May Ahmadi Alzheimeri Disease PMS Ability Alzheimeri Disease PM		non-intrusive wearable technology and respiratory analysis
Increasing the Efficiency of the Topical Medication Triamcinolone Acetonide in the Oral Cavity Acetonide in the Oral Cavity	L35 101-730-41 BiomedEng F Safaa Mouline	Application that Enhances Comprehension of Real Time Speech for
Acetonide in the Oral Cavity 101-760-91 BiomedEng M Samarth Girish Ortho-Analyzer: A Deep Learning Based Tool for Malocclusion Detection 138 102-320-12 T Chemistry F Kate Jackson The Effect of Limestone in Removing Excess Fluoride from Water 139 102-320-12 T Chemistry F Kate Jackson The Effect of Limestone in Removing Excess Fluoride from Water 141 102-340-32 T Chemistry F Anokhi Shah Therapeutic Effect of Curcumin as a Metal Chelator against Alzheimer's Disease 142 102-340-32 T Chemistry M William Huang & Dawson Le Water Resistant Swimming 148 102-340-32 T Chemistry M William Huang & Dawson Le Water Resistant Swimming 148 102-340-32 T Chemistry M William Huang & Dawson Le Water Resistant Swimming 148 102-340-32 T CheEmistry M William Huang & Dawson Le Water Resistant Swimming 148 102-340-32 T CheEmistry M William Huang & Dawson Le Water Resistant Swimming 149 102-341-30-62 T Chemistry M William Huang & Dawson Le Water Resistant Swimming 149 102-340-32 T CheEmistry M William Huang & Dawson Le Water Resolutions 149 102-340-32 T CheEmistry M William Huang & Dawson Le Water Resolutions 150 102-320-31 CheEmistry F Nicole Krockenberger Creating a Renewable and Biodegradable Bioplastic from Bambusa multiplex 151 102-320-31 CheEmistry F Anne Pham & Kaylie Visitacion Biodegradable Polystyrene made from Leucoplasts in Solanum Tuberosum in Littoral Atmospheres 152 102-380-31 CheEmistry F Manjari Talasila Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from com waste 152 102-380-31 CheEmistry M Aditya Tadimeti Polystyrene Macer Analysis Approach to Wildfire Prediction 153 102-380-31 T CheEmistry F Manjari Talasila Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from com waste 154 102-390-31 T CheEmistry M Aditya Tadimeti Polystyrene Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from com waste 155 102-380-31 T CheEmistry M Aditya Tadimeti Polystyrene Microwave assisted alkaline		People with Auditory Processing Disorder
101-760-91 BiomedEng M. Samarth Girish Ortho-Analyzer. A Deep Learning Based Tool for Malocclusion Detection	L36 101-740-H1 BiomedEng F Seung Ah Choi	Increasing the Efficiency of the Topical Medication Triamcinolone
102-A10-61 Chemistry F Kate Jackson The Effect of Limestone in Removing Excess Fluoride from Water The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Impact of Construction and its Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Impact of Alternative Fibrous Paper		Acetonide in the Oral Cavity
The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving	L37 101-760-91 BiomedEng M Samarth Girish	
The Impact of Alternative Fibrous Materials in Paper Construction and its Impact on Paper Strength and Writing Quality The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving Under Various Conditions The Optimal Pill Shape for Rapid Dissolving	L38 102-A10-61 Chemistry F Kate Jackson	The Effect of Limestone in Removing Excess Fluoride from Water
L42 102-A30-F1 Chemistry F Anokhi Shah Therapeutic Effect of Curcumin as a Metal Chelator against Alzheimer's Disease L44 102-A40-A2 T Chemistry M William Huang & Dawson Le L46 102-A50-62 T Chemistry M Michelle Lu & Omar Sancen & Hong-An Tran L46 102-B10-F1 CheEnvEng F Nicole Krockenberger Creating a Renewable and Biodegradable Bioplastic from Bambusa multiplex L49 102-B11-D1 CheEnvEng F Sirya Sridhar Water Footprint! L50 102-B20-B1 CheEnvEng F Dylan Chin Ability of Ferrofluids to Remove Organophosphates from Ocean Water L51 102-B20-B2 T CheEnvEng F Dylan Chin Ability of Ferrofluids to Remove Organophosphates from Ocean Water L51 102-B20-B3 CheEnvEng F Roya Ahmadi Biodegradable Polystyrene made from Leucoplasts in Solanum Tuberosum in Littoral Atmospheres L53 102-B50-G1 CheEnvEng F Roya Ahmadi Biodegradable Polystyrene made from Leucoplasts in Solanum Tuberosum in Littoral Atmospheres L54 102-B70-81 CheEnvEng F Manjari Talasila Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from corn waste L55 102-B80-32 T CheEnvEng M Aditya Tadimeti The Effects of Different Aquatic Environments on the Rate of Polyethylene Biodegradation by Bacillus subtilis L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo The Effect of C4H6O4Ca and Ca(OH)2 on the growth of algae cyanobacteria Anabaena sp. when added to fertilizer K59 102-C20-31 EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K51 102-C40-C1 EarEnvSci F Tharika Thambidurai Reducing Global Air Pollution Using A Self-Cleaning Photocatalyst K51 102-C90-91 EarEnvSci F Sahana Rajmohan The Effect of Caundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine Wastewater K51 102-C90-91 EarEnvSci F Colleen McKinley	L39 102-A20-12 T Chemistry F Ivie Xue & Patricia Huang	The Impact of Alternative Fibrous Materials in Paper Construction
L44 102-A40-A2 T Chemistry M William Huang & Dawson Le Water Resistant Swimming L46 102-A50-62 T Chemistry ₱ Nicole Lu & Omar Sancen & Hong-An Tran The Optimal Pill Shape for Rapid Dissolving Under Various Conditions L48 102-B10-F1 CheEnvEng F Nicole Krockenberger Creating a Renewable and Biodegradable Bioplastic from Bambusa multiplex L50 102-B20-B1 CheEnvEng F Sriya Sridhar Water Footprint! L51 102-B20-B2 T CheEnvEng F Sriya Sridhar Water Footprint! L51 102-B21-B2 T CheEnvEng F Anne Pham & Kaylie Visitacion Biodegradable Polystyrene made from Leucoplasts in Solanum Tuberosum in Littoral Atmospheres L53 102-B50-G1 CheEnvEng F Anne Pham & Kaylie Visitacion A Data Analysis Approach to Wildfire Prediction L54 102-B70-81 CheEnvEng F Manjari Talasila Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from corn waste L55 102-B80-32 T CheEnvEng F Manjari Talasila Malian Pretreatment to optimize lignocellulose conversion to glucose from corn waste L55 102-B90-H1 CheEnvEng M Aditya Tadimeti The Effects of Different Aquatic Environments on the Rate of Polyethylene Biodegradation by Bacillus subtilis		and its Impact on Paper Strength and Writing Quality
L46102-A50-62T Chemistryf/M Michelle Lu & Omar Sancen & Hong-An TranThe Optimal Pill Shape for Rapid Dissolving Under Various ConditionsL48102-B10-P1CheEnvEng FSriya SridharCreating a Renewable and Biodegradable Bioplastic from Bambusa multiplexL49102-B20-B1CheEnvEng FSriya SridharWater Footprint!L50102-B20-B1CheEnvEng FDylan ChinAbility of Ferrofluids to Remove Organophosphates from Ocean WaterL51102-B21-B2T CheEnvEng FAnne Pham & Kaylie VisitacionBiodegradable Polystyrene made from Leucoplasts in Solanum Tuberosum in Littoral AtmospheresL53102-B50-G1CheEnvEng FRoya AhmadiA Data Analysis Approach to Wildfire PredictionL54102-B70-81CheEnvEng FManjari TalasilaMicrowave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from corn wasteL55102-B80-32T CheEnvEng MKatrina Bui & Lakshmi Eleswarapu & jasper NguyenPDMS and Hexane: The Answer to Oil SpillsL57102-B90-H1CheEnvEng MM Aditya TadimetiThe Effects of Different Aquatic Environments on the Rate of Polyethylene Biodegradation by Bacillus subtilisL58102-C10-62T EarEnvSciM Akshanth Srivatsa & iain jung & Jason LoThe effect of C4H6O4Ca and Ca(OH)2 on the growth of algae cyanobacteria Anabaena sp. when added to fertilizerK59102-C21-42T EarEnvSciF Laasya ChukkaPredictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growthK56102-C30-F2T EarEnvSciF Laasya ChukkaThe Impact	L42 102-A30-F1 Chemistry F Anokhi Shah	Therapeutic Effect of Curcumin as a Metal Chelator against Alzheimer's Disease
Cheenvents Cheenvents Cheenvents Foundation Cheenvents Cheenvents Foundation Cheenvents Foundation Cheenvents Foundation Cheenvents Cheenvents Cheenvents Foundation Cheenvents Cheenvents Foundation Cheenvents Che		
L49 102-B11-D1 CheEnvEng F Sriya Sridhar Water Footprint! L50 102-B20-B1 CheEnvEng F Dylan Chin Ability of Ferrofluids to Remove Organophosphates from Ocean Water L51 102-B21-82 T CheEnvEng F Anne Pham & Kaylie Visitacion Biodegradable Polystyrene made from Leucoplasts in Solanum Tuberosum in Littoral Atmospheres L53 102-B50-G1 CheEnvEng F Roya Ahmadi A Data Analysis Approach to Wildfire Prediction L54 102-B70-81 CheEnvEng F Manjari Talasila Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from corn waste L55 102-B80-32 T CheEnvEng F Manjari Talasila Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from corn waste L55 102-B80-32 T CheEnvEng F Matrina Bui & Lakshmi Eleswarapu & jasper Nguyen PDMS and Hexane: The Answer to Oil Spills L57 102-B90-H1 CheEnvEng M Aditya Tadimeti The Effects of Different Aquatic Environments on the Rate of Polyethylene Biodegradation by Bacillus subtilis L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo The effect of C4H6O4Ca and Ca(OH)2 on the growth of algae cyanobacteria Anabaena sp. when added to fertilizer K59 102-C11-42 T EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Elizabeth Szeto The Impact of Chemicals and pH on Aquatic Life K54 102-C40-C1 EarEnvSci F Sahana Rajmohan Reducing Global Air Pollution Using A Self-Cleaning Photocatalyst K51 102-C90-91 EarEnvSci F Sahana Rajmohan The Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine Wastewater K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?	L46 102-A50-62 T Chemistry	
L50 102−B20−B1 CheEnvEng F Dylan Chin L51 102−B21−82 T CheEnvEng F Anne Pham & Kaylie Visitacion L51 102−B21−82 T CheEnvEng F Anne Pham & Kaylie Visitacion L53 102−B50−G1 CheEnvEng F Roya Ahmadi L54 102−B70−81 CheEnvEng F Manjari Talasila L55 102−B70−81 CheEnvEng F Manjari Talasila L55 102−B80−32 T CheEnvEng F Manjari Talasila L55 102−B80−32 T CheEnvEng F Manjari Talasila L55 102−B80−31 CheEnvEng F Manjari Talasila L55 102−B80−32 T CheEnvEng F Manjari Talasila L55 102−B80−32 T CheEnvEng F Manjari Talasila L56 102−B70−H1 CheEnvEng M Aditya Tadimeti L57 102−B90−H1 CheEnvEng M Aditya Tadimeti L58 102−C10−62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo L58 102−C10−62 T EarEnvSci F M Kyler Thai & Trisha Samineni L59 102−C20−31 EarEnvSci F Laasya Chukka L59 102−C20−31 EarEnvSci F Laasya Chukka L59 102−C30−F2 T EarEnvSci F Laasya Chukka L59 102−C30−F2 T EarEnvSci F Laasya Chukka L59 102−C30−F2 T EarEnvSci F Laasya Chukka L50 102−C30−F2 T EarEnvSci F Tharika Thambidurai L50 102−C30−F2 T EarEnvSci F Tharika Thambidurai L50 102−C30−F2 T EarEnvSci F Tharika Thambidurai L50 102−C30−91 EarEnvSci F Sahana Rajmohan L50 102−C30−91 EarEnvSci F Colleen McKinley L50 102−C30−91 EarEnvSci F Colleen McKinley L50 102−C30−91 EarEnvSci F Colleen McKinley L50 202−C30−91 EarEnvSci F Colleen McKinley L50 202−C30−10 EarEnvSci F Colleen McKinley		
Biodegradable Polystyrene made from Leucoplasts in Solanum Tuberosum in Littoral Atmospheres	L49 102-B11-D1 CheEnvEng F Sriya Sridhar	Water Footprint!
Tuberosum in Littoral Atmospheres L53 102-B50-G1 CheEnvEng F Roya Ahmadi A Data Analysis Approach to Wildfire Prediction L54 102-B70-81 CheEnvEng F Manjari Talasila Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from corn waste L55 102-B80-32 T CheEnvEng F K Katrina Bui & Lakshmi Eleswarapu & jasper Nguyen L57 102-B90-H1 CheEnvEng M Aditya Tadimeti L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo L58 102-C10-62 T EarEnvSci F Kyler Thai & Trisha Samineni K59 102-C20-31 EarEnvSci F Laasya Chukka L58 102-C20-31 EarEnvSci F Laasya Chukka K56 102-C30-F T EarEnvSci F Laasya Chukka K56 102-C30-F T EarEnvSci F Elizabeth Szeto K57 102-C30-B EarEnvSci F Elizabeth Szeto K58 102-C30-B EarEnvSci F Sahana Rajmohan K51 102-C90-91 EarEnvSci F Sahana Rajmohan K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?		
L53 102-B50-G1 CheEnvEng F Roya Ahmadi A Data Analysis Approach to Wildfire Prediction L54 102-B70-81 CheEnvEng F Manjari Talasila Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from corn waste L55 102-B80-32 T CheEnvEng F Katrina Bui & Lakshmi Eleswarapu & jasper Nguyen L55 102-B90-H1 CheEnvEng M Aditya Tadimeti The Effects of Different Aquatic Environments on the Rate of Polyethylene Biodegradation by Bacillus subtilis L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo EarEnvSci F Kyler Thai & Trisha Samineni The Use of UV Rays to Kill Bacteria in Water EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth Ex54 102-C30-F2 T EarEnvSci F Elizabeth Szeto The Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill Cleanup Ex53 102-C50-81 EarEnvSci F Sahana Rajmohan The Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill Cleanup Ex51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?	L51 102-B21-82 T CheEnvEng F Anne Pham & Kaylie Visitacion	
L54 102-B70-81 CheEnvEng F Manjari Talasila Microwave assisted alkaline pretreatment to optimize lignocellulose conversion to glucose from corn waste L55 102-B80-32 T CheEnvEng F Katrina Bui & Lakshmi Eleswarapu & jasper Nguyen L57 102-B90-H1 CheEnvEng M Aditya Tadimeti The Effects of Different Aquatic Environments on the Rate of Polyethylene Biodegradation by Bacillus subtilis L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo The effect of C4H6O4Ca and Ca(OH)2 on the growth of algae cyanobacteria Anabaena sp. when added to fertilizer K59 102-C20-31 EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C40-C1 EarEnvSci F Elizabeth Szeto The Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill Cleanup K51 102-C60-41 EarEnvSci F Sahana Rajmohan K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?		
conversion to glucose from corn waste L55 102-B80-32 T CheEnvEng F/M Katrina Bui & Lakshmi Eleswarapu & jasper Nguyen L57 102-B90-H1 CheEnvEng M Aditya Tadimeti The Effects of Different Aquatic Environments on the Rate of Polyethylene Biodegradation by Bacillus subtilis L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo K59 102-C11-42 T EarEnvSci F/M Kyler Thai & Trisha Samineni The Use of UV Rays to Kill Bacteria in Water K57 102-C20-31 EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Elizabeth Szeto The Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill Cleanup K51 102-C50-81 EarEnvSci F Sahana Rajmohan The Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine Wastewater K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?		
L55 102-B80-32 T CheEnvEng	L54 102-B70-81 CheEnvEng F Manjari Talasila	
L57 102-B90-H1 CheEnvEng M Aditya Tadimeti The Effects of Different Aquatic Environments on the Rate of Polyethylene Biodegradation by Bacillus subtilis L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo The effect of C4H6O4Ca and Ca(OH)2 on the growth of algae cyanobacteria Anabaena sp. when added to fertilizer K59 102-C11-42 T EarEnvSci F Laasya Chukka EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Elizabeth Szeto K54 102-C40-C1 EarEnvSci F Elizabeth Szeto K55 102-C50-81 EarEnvSci F Tharika Thambidurai K56 102-C50-81 EarEnvSci F Sahana Rajmohan K57 102-C60-41 EarEnvSci F Sahana Rajmohan The Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine Wastewater K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?		
Polyethylene Biodegradation by Bacillus subtilis L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo K59 102-C11-42 T EarEnvSci F/M Kyler Thai & Trisha Samineni K57 102-C20-31 EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Laisent Szeto K57 102-C40-C1 EarEnvSci F Elizabeth Szeto K58 102-C50-81 EarEnvSci F Tharika Thambidurai K59 102-C60-41 EarEnvSci F Sahana Rajmohan K50 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?		
L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo K59 102-C11-42 T EarEnvSci F/M Kyler Thai & Trisha Samineni K57 102-C20-31 EarEnvSci F Laasya Chukka Fredictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Elizabeth Szeto K57 102-C40-C1 EarEnvSci F Elizabeth Szeto K58 102-C50-81 EarEnvSci F Sahana Rajmohan K50 102-C60-41 EarEnvSci F Sahana Rajmohan K51 102-C90-91 EarEnvSci F Colleen McKinley K52 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?	L57 102-B90-H1 CheEnvEng M Aditya Tadimeti	
cyanobacteria Anabaena sp. when added to fertilizer K59 102-C11-42 T EarEnvSci F/M Kyler Thai & Trisha Samineni The Use of UV Rays to Kill Bacteria in Water K57 102-C20-31 EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F Loriann Ho & Oliver Sanchez Castillo The Impact of Chemicals and pH on Aquatic Life K54 102-C40-C1 EarEnvSci F Elizabeth Szeto The Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill Cleanup K53 102-C50-81 EarEnvSci F Tharika Thambidurai Reducing Global Air Pollution Using A Self-Cleaning Photocatalyst K52 102-C60-41 EarEnvSci F Sahana Rajmohan The Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine Wastewater K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?		
K59102-C11-42T EarEnvSciF/MKyler Thai & Trisha SamineniThe Use of UV Rays to Kill Bacteria in WaterK57102-C20-31EarEnvSciF Laasya ChukkaPredictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growthK56102-C30-F2T EarEnvSciF/MLoriann Ho & Oliver Sanchez CastilloThe Impact of Chemicals and pH on Aquatic LifeK54102-C40-C1EarEnvSciF Elizabeth SzetoThe Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill CleanupK53102-C50-81EarEnvSciF Tharika ThambiduraiReducing Global Air Pollution Using A Self-Cleaning PhotocatalystK52102-C60-41EarEnvSciF Sahana RajmohanThe Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine WastewaterK51102-C90-91EarEnvSciF Colleen McKinleyCan the Bokashi Method Enhance Vermicomposting?	L58 102-C10-62 T EarEnvSci M Akshanth Srivatsa & iain jung & Jason Lo	
R57 102-C20-31 EarEnvSci F Laasya Chukka Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth R56 102-C30-F2 T EarEnvSci F/M Loriann Ho & Oliver Sanchez Castillo R54 102-C40-C1 EarEnvSci F Elizabeth Szeto R53 102-C50-81 EarEnvSci F Tharika Thambidurai R55 102-C60-41 EarEnvSci F Sahana Rajmohan R57 102-C90-91 EarEnvSci F Colleen McKinley Predictive analytics to estimate the propagation of Sargassum and pinpoint critical areas of growth The Impact of Chemicals and pH on Aquatic Life The Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill Cleanup Reducing Global Air Pollution Using A Self-Cleaning Photocatalyst The Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine Wastewater Can the Bokashi Method Enhance Vermicomposting?		
pinpoint critical areas of growth K56 102-C30-F2 T EarEnvSci F _M Loriann Ho & Oliver Sanchez Castillo The Impact of Chemicals and pH on Aquatic Life K54 102-C40-C1 EarEnvSci F Elizabeth Szeto The Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill Cleanup K53 102-C50-81 EarEnvSci F Tharika Thambidurai Reducing Global Air Pollution Using A Self-Cleaning Photocatalyst K52 102-C60-41 EarEnvSci F Sahana Rajmohan The Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine Wastewater K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?		
K56102-C30-F2T EarEnvSciF/MLoriann Ho & Oliver Sanchez CastilloThe Impact of Chemicals and pH on Aquatic LifeK54102-C40-C1EarEnvSciF Elizabeth SzetoThe Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill CleanupK53102-C50-81EarEnvSciF Tharika ThambiduraiReducing Global Air Pollution Using A Self-Cleaning PhotocatalystK52102-C60-41EarEnvSciF Sahana RajmohanThe Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine WastewaterK51102-C90-91EarEnvSciF Colleen McKinleyCan the Bokashi Method Enhance Vermicomposting?	к57 102-C20-31 EarEnvSci F Laasya Chukka	
K54102-C40-C1EarEnvSciFElizabeth SzetoThe Effectiveness of Raw and Treated Cotton and Kapok Fibers for Oil Spill CleanupK53102-C50-81EarEnvSciFTharika ThambiduraiReducing Global Air Pollution Using A Self-Cleaning PhotocatalystK52102-C60-41EarEnvSciFSahana RajmohanThe Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine WastewaterK51102-C90-91EarEnvSciFCon the Bokashi Method Enhance Vermicomposting?		
K53102-C50-81EarEnvSciFTharika ThambiduraiReducing Global Air Pollution Using A Self-Cleaning PhotocatalystK52102-C60-41EarEnvSciFSahana RajmohanThe Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine WastewaterK51102-C90-91EarEnvSciFCon the Bokashi Method Enhance Vermicomposting?		
K52 102-C60-41 EarEnvSci F Sahana Rajmohan The Effect of Laundering Polyester Fabric on the Dispersion of Microfibers in Washing Machine Wastewater K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?		
Microfibers in Washing Machine Wastewater K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?		
K51 102-C90-91 EarEnvSci F Colleen McKinley Can the Bokashi Method Enhance Vermicomposting?	K52 102-C60-41 EarEnvSci F Sahana Rajmohan	
K50 102-D10-G1 PhysAstr F Maria Korolik The Role of Fluid Elasticity on Droplet Rebound on Various Surfaces		
	K50 102-D10-G1 PhysAstr F Maria Korolik	The Role of Fluid Elasticity on Droplet Rebound on Various Surfaces

Loc. Proj. Num. Team Field	Gender Students	Title
к49 102-D20-C1 PhysAstr	F Francine Estranero	The Effect Of Dark Matter Density On Simulated Galactic Rotation Curves
к48 102-D30-81 PhysAstr	M Raj Sheth	Safe Cars? Not yet
к47 102-E10-81 ElecEng	M Michael Yuan	Sequential Monte Carlo Based Localization Robot
к46 102-E11-61 ElecEng	M Andrew Chiang	3D LED Volumetric Display with Eccentric Rotating Blades
K45 102-E20-41 ElecEng	M Sohom Roy	Gyroscopic Based System to provide Camera Stabilization and
_	·	Object Detection/Tracking in Real Time
K44 102-E21-21 ElecEng	F Srushti Adesara	Leaking Sensor Mechanism
K43 102-E40-D1 ElecEng	F Supriya Lall	A novel approach to Gunshot Detection using Machine Learning
K42 102-E50-91 ElecEng	F Pratibha Ramasamy	Circuit Smart Breaker
кз9 102-E60-51 ElecEng	M Aashish Kamidi	Automated Car Parking Assistant
K38 102-E70-11 ElecEng	F Emily Park	Wave Breaker System to Stop Tsunami Waves
K37 102-E80-E1 ElecEng	M Joshua Lee	A Novel Method of Energy Harvesting Via RF-DC Rectifying Circuits
_		for Use in Low-Power, Low-Profile Computing Systems
к36 102-E90-A1 ElecEng	F Sakshi Kumar	An Alternative to the Pitot Tube For Measuring Airspeed
кз5 102-F10-G2 T MechEng	F/M Kelly Vo & Michael Nguyen	Self-Driving Robot using Machine Learning
кзз 102-F20-C2 T MechEng	M Hung Nguyen & Steve Nguyen & Kyle Fabia	The Effect of Foam Material Properties on Impact Noise Generation
к31 102-F30-91 MechEng	F Caitlin Gorin	A Multi-Faceted Material Strength Testing Machine for 3D Printed Plastics
кзо 102-F40-51 MechEng	F Sneha Raj	Modular Robotic Configuration Inspired by Origami Engineering
к29 102-F50-H2 T MechEng	F Harshini Manian & Mugdha Joshi	The Conservation of Water By Way of the Gaugeometer
K27 102-F60-E1 MechEng	M Muhammed Shah	Go Kart Karzyness
к26 102-н10-11 SoftEng	M Nicholas Hotelling	Estimating Volleyball Speed Real-time Using an Apple iPhone
к23 102-н11-G1 SoftEng	F Nishita Belur	An Innovative APProach to Augment Mobile Hospital Care:
		Prescreening and Virtually Connecting Rural Patients to Doctors
K22 102-H12-E1 SoftEng	M Aalok Patwa	Computationally Efficient, Accurate and Real-Time Detection of
		Colon Polyps Using Deep Neural Networks
к21 102-н13-C1 SoftEng	M Nikhil Chandra	Automated Diagnosis of Cardiovascular Disease through Deep Learning
K20 102-H14-A1 SoftEng	F Jyoti Rani	Autonomous Robotic Medicine Sorter, A.R.M.S.
к19 102-н20-E1 SoftEng	M Maciej Buszko	Swarm Navigation Control Systems for Connecting Tetrahedral
		Linear Actuator Robots
к18 102-н21-в2 T SoftEng	M Rohit Malhotra & Vivek Verma	Navigation for the Blind using Deep Learning and Image Processing
K16 102-H22-A1 SoftEng	M Kaushik Tota	EcoBot: A Chatbot for Educating Users on Environmentalism and Climate Change
K15 102-H23-81 SoftEng	M Siddharth Sharma	DermaDetect: A computer vision and machine learning approach for
		an accurate diagnosis of skin conditions and rashes
к14 102-н30-92 T SoftEng	^F / _M Michael Zhao & Heidi Lin	An Intelligent Parking System for Driverless Vehicles
к12 102-н31-72 T SoftEng	M Sohan Talluri & Anant Bhatia	Machine-Learning based ASL Video Translation Glasses to simplify
		conversation with the deaf or dumb
к10 102-н32-61 SoftEng	M Akul Datta	Can we prevent automotive accidents with pedestrians by creating
		cheap portable warning systems (PWS)?
J10 102-H33-41 SoftEng	M Sivaramakalyan Suvarna	A Deep Learning Based Music Judge for Music Learners and Competitions
J11 102-H40-61 SoftEng	M Rohan Viswanathan	Advancing Social Interaction for the Visually Impaired Using Machine
		Learning Methodologies

Loc. Proj. Num. Tea	am Field (Gende	er Students	Title
J12 102-H41-32 7		F/ _M	Jadelynn Dao & Advit Deepak	Using Reinforcement Learning in Detection Systems to Modernize
				Traffic Control Algorithms
J14 102-H42-21	SoftEng	F	Nithila Poongovan	A Simulation Study of an Auction Based Ride-Sharing Platform
J15 102-H43-H1	SoftEng	М	Avi Goel	A new means of analysis of chaotic systems via supervised learning,
				with respect to the stock market
J16 102-H50-21	SoftEng	М	Shray Alag	Applying Natural Language Processing to Mine Clinical Trials Data to
				Extract Unique Insights about Diseases, Drugs, SNPs
J17 102-H51-G2	Γ SoftEng	М	William Nguyen & Allen Vu	Vertical Indoor Garden Automated by Arduino
J19 102-H52-F1	SoftEng	М	Munir Bshara	Protecting Digital Information in Post Quantum Computing Era
J20 102-H53-D1	SoftEng	М	Aadit Trivedi	Third Eye: A Smart Braille Assistant for the Visually Impaired
J21 102-H60-F1	SoftEng	F	Anjali Singh	Creating Adversarial Examples for Face Recognition Algorithms to
	J		, ,	Secure Privacy of Online Photographs
J22 102-H61-C2 7	Γ SoftEng	F	Janya Budaraju & Grace Kuo	Using Predictive Analytics to More Effectively Determine the Impact
	J		•	of Earthquakes on Mortality & Infrastructure
J26 102-H62-B1	SoftEng	М	Arvind Ramachandran	SafeRetro: A Secure Emulator for 8080 apps
Ј27 102-Н63-91	SoftEng	М	Mehrzad Gandhi	Text Analysis with Computer Science
J28 102-H70-A2 7	Γ SoftEng	F	Fiona Luo & Claire Wen	Soil Contamination Detection and Identification through Soil
	· ·			Spectroscopy using Deep Convolutional Neural Networks
J30 102-H71-82 7	Γ SoftEng	М	Srivishnu Pyda & Krishay Mukhija	Using Deep Learning Techniques to Develop Novel Inhibitors of Tyrosine Kinase
J32 102-H72-71	SoftEng		Shreya Manivel	Breaking News Aggregator built on highly resilient and scalable
	J		•	MongoDB datastore in public cloud
J33 102-H73-51	SoftEng	F	Arushi Patel	Use of Al Base Image Recognition for Delta Smelt Substrate Mapping
Ј34 102-Н80-71	SoftEng	F	Iman Malik	Diagnosing Diseases by Creating a Machine Learning Based Nail Analysis Algorithm
J35 102-H81-51	SoftEng	F	Manasa Pooni	Building assistive technologies for the deaf using a deep learning
	· ·			shared representation multimodel across domains
J36 102-H82-31	SoftEng	F	anissa aribi	Cost Effective Slow Motion for Medical Diagnostics
Ј37 102-Н83-11	SoftEng	М	Nikhil Gargeya	Visualizing Endangered African Elephant Habitat Maps for Anti-Poaching Efforts
J38 102-H90-31	SoftEng		Nikhil Pitta	Accurate Triage System Using Machine Learning Algorithm Based
	J			On Vital Signs and Symptoms to Sort Patients by Severity
J39 102-H91-11	SoftEng	М	Sriteja Vijapurapu	Musical Navigation System for the Visually Impaired
J42 102-H92-G1	SoftEng		Bharat Kathi	Mapping Interent Topology Using Open Source Tools
J43 102-H93-D2 7		М	Ashwin Rajesh & Eric Hu	An Image-Based Archaeological Classification System using
	J		•	Computer Vision and a Convolutional Neural Network
J45 103-110-B1	BehavSci	М	Jason Lin	The Role of Relational Reasoning in College Student Learning
J46 103-410-41	BiocheMic		Anushka Sanyal	Exploring the role of G-protein Signaling Pathway interactions with
			, ,	nAChR alpha-7 in D. melanogaster Alzheimer's models
J47 103-420-H1	BiocheMic	F	Ruchika Dixit	Comparing the Effects of Renilla to Firefly Luciferase When
·		-		Genetically Inserted Into the Drosophila Melanogaster Genome
J48 103-430-D1	BiocheMic	F	Avantika Gokulnatha	Memory Retention of Learned Behavioral Traits through
		•		Metamorphosis and Subsequent Generations in Vanessa Cardui
J49 103-510-D1	BioInfo	М	Josh Sanyal	Fully Automated Image Analysis Pipeline for Assessing the
2 2 200 010 01				, restance image relations in points for recooning the

Page 18 of 30

Loc.	Proj. Num. Te	eam Field G	end	er Students	Title
					Aggressiveness of Prostate Cancer in Multiparametric MRI Scans
J50	103-520-91	BioInfo	F	Sidra Xu	Determination of Genetic Factors Involved in Hypoplastic Left Heart
					Syndrome Using RNA-Seq
J51	103-530-42	T BioInfo	М	Srinath Somasundaram & Andrew Lee	A Novel Design and Evaluation of a Machine Learning Approach to Stage
					and Prognose Lung Cancer through a Preliminary CT
J53	103-610-51	MedHeaSci	F	Chetana Ganga	The Effect of the Human MeCP2 Gene on Drosophila Behavior and A
					Method of Inhibiting p53 as a Model for Rett Syndrome
J54	103-620-11	MedHeaSci	М	Michael Eng	Role of Host Cell Receptors in the Uptake of the Fungus Candida Albicans
J55	103-630-E1	MedHeaSci	F	Khushi Parikh	The Effect of Virtual Reality Application on the Pain Perception of
					Patients Undergoing Allergy Testing and Treatment
J56	103-640-A1	MedHeaSci	F	Alekhya Vadlakonda	The Effect of Resolvin D1 on Heart Rate and ROS Production in
				·	Daphnia magna: Implications for an Anti-Inflammatory Agent
J57	104-C10-91	EarEnvSci	F	Eshani Jha	The Effect of Mineral Doping on Enhancement of Contaminant Uptake by Biochar
J58	104-D10-11	PhysAstr		Betsy Tian	The Location of Fe II Emission in AGNs and the Response of Fe II
		•		•	Emission to Changes in the Continuum
J59	104-D20-E1	PhysAstr	М	Akash Dasgupta	Low-temperature Methods for Creating Stable, Optimal Efficiency
		,		3 1	Dye-Sensitized Solar Cells and Perovskite Solar Cells
H59	104-D30-A1	PhysAstr	М	Akhilesh Balasingam	The Search for a Better Synapse for Neurocomputing: A KMC Study of
		,			Defect-Modulated Non-Filamentary RRAMS Under Pulsing
H58	104-E10-A1	ElecEng	F	Anika Fuloria	Vibrotactile Rendering of Virtual Sculptures Using Wave Voxel Synthesis
	104-H10-22			Avishi Agastwar & Arushi Agastwar	Toward Smart Hospitals: Deep Learning-Based Monitoring and
				, main migaeman a maem magaeman	Health Tracking of Mobility in Intensive Care Unit
H55	104-H20-G1	SoftEng	М	Arya More	Passwordless Authentication
	111-120-62			Pratya Poosala & Purnima Venkat	Testing whether the use of simulated laboratory experiments
				,	correlates to increased understanding of concepts
H52	111-130-31	BehavSci	F	Adelaide Bao	The Effects of Academic Stress on Salivary Cortisol in Subpopulations of Students
	111-140-G1	BehavSci		Hien Bui	The Effects of Multitasking on Reading Comprehension
H50	111-210-31	PlantSci	F	Jaidyn Moodley	Effects of Bacillus Subtilis NCIB 3610, Rhizobium leguminosarum,
				,	and Anabaena sp. on Plant Growth
H49	111-220-G1	PlantSci	М	Billy Nguyen	What is the effect of plant fertilizer nutrients on plant growth and nutrition?
	111-230-C1	PlantSci		Jerricho Habon	Effects of Caffeine on Plant Development
	111-240-72			Caleb Kim & Jonathan Ta	The Effect of Acidic Solution on Plants
	111-250-41	PlantSci		Yuvraj Gill	Companion Planting
	111-260-н1	PlantSci		Erica Barandica	What is the Ideal Concentration of Biochar in Soil for Optimal Carbon Sequestration?
	111-270-D1	PlantSci		Royal Huey III	Effects of Simulated Microgravity through Perpetual Falling on
11 1 3	111 2,0 DI	· iainoi		riojai riaoj iii	Raphanus raphanistrum Root Network Development
H39	111-280-82	T PlantSci	F	Sally Ha & Uyen-Vy Le & Tracy Tran	Leaf Me Alone: Inhibition of Weed Growth Using Allelopathic
1100	111 200 02	. I lantooi	'	Sany ha a Syon vy Lo a Haby Han	Potential of Aromatic Plants
н37	111_310_₽?	T AnimalSci	F/,	Nicholas Chiang & Austin Chiang & Natalie Hong	What is the effect of a coral reef biome on the behavior of various
113 /	TTT-310-B2	Allinaiou	/ N	Trionolas officing & Austin Officing & Indialie Hong	types of domesticated fish?
п3Е	111-320-81	AnimalSci	NΛ	Timmy Pham	The Effects of Fertilizers and Pesticides on Invertebrates and Aquatic Plants
1133	111-320-01	Allinaiou	171	Tilling Friaili	The Enects of Fertilizers and Festiones of Invertebrates and Aquatic Fiants

Loc. Proj. Num. Te			Title
н34 111-330-32	T AnimalSci	F Kim Tran & Gillian Tran & Michelle Pham	Down to Earth: Evolutionary Tradeoffs Between Base Speed and Toxin Resistance in Terrestrial Decomposers
H32 111-410-32	T BiocheMic	F Elena Mujica & Kylie Akiyama	Reducing Brevetoxin Production in Karenia brevis by Inhibition of Non-Photochemical Quenching (NPQ)
H30 111-411-21	BiocheMic	F Helene Luu	Effects of Microtubules and Actin on Euglena Photosynthesis
H29 111-412-G2		F Preethi Edara & Christine Tran	Effect of Herbal Remedies on Bacteria
н27 111-420-н1	BiocheMic	M Franklin Ruan	The Symbiotic Effects of Panax notoginseng (Ginseng) Extracted Steroid Glycosides on Kanamycin Resistant E-Coli
H26 111-421-F1	BiocheMic	F Tina Nguyen	What is bacterial language that is used as communication between bacteria?
H23 111-422-D1	BiocheMic	F Emily Row	Natural Versus Synthetic Antibiotics
H22 111-430-D1	BiocheMic	M Alexander Wu	In vitro models of meningeal lymphatic clearance on diffusion across the blood cerebrospinal fluid barrier
H21 111-431-B1	BiocheMic	F Nikki Nguyen	Investigating the effect of honey on the formation of the biofilms of Escherichia coli
H20 111-432-91	BiocheMic	F Shloka Janapaty	A Novel, Fast, Low-Cost Approach to Achieve Near 100% LDPE Degradation: Bioremedial Landfill Implementation
H19 111-441-62	T BiocheMic	F/ _M Richard Ho & Elizabeth Do & Christina Ngo	Analyzing the side effects of derived glyphosate from agricultural products on the functions of Escherichia Coli
H17 111-442-51	BiocheMic	M Hoang Tang	Effects of silver-chitin mixture on prostate cancer-cells
н16 111-450-51	BiocheMic	F Supriya Mula	The Effects of TNF-beta on Harmful A1 Astrocyte Differentiation in Glial Scars
H15 111-451-31	BiocheMic	F Christina Tran	The role of nutrients on the growth of Escherichia coli, Lactobacillus, Peptostreptococcus, and Candida Albicans
Н14 111-452-Н2	T RiocheMic	√ Loveleen Randhawa & Hasan Syed	The Effect of Toxic Chemicals on Bacteria
H12 111-460-11	BiocheMic	M Ethan Kim	The Effects Of Vitamins A,B and D on colon cancer cell line LoVo
H11 111-461-G1	BiocheMic	F MI Le	The effects of salicylic acid, tannins, and terpinen-4-ol on Staphylococcus epidermidis
H10 111-470-E1		F Shreya Garg	Determining the Roles of CuSB, Flagellin, and AcrAB-TolC in Bacterial Responses to Nonlethal Concentrations of AgNPs
G10 111-471-C1	BiocheMic	F Adriana Marcelino	Boosted Bacteria: How do Bacteria Respond to Energy Stimulants?
G11 111-480-A1	BiocheMic	M Brayden Chipman	The Interactions of Synphilin-1 Proteins and SH-SY5Y Cells in Varying Insulin Environments
G12 111-481-81		F Arthi Vaidyanathan	Testing the Effects of Iron Supplements on the Production of Siderophores in Antibiotic Resistant Bacteria
G13 111-490-52		F Joyce Huang & Nikhita Sujan	The Effect of Antibiotics on Protein Properties of Calf Serum
G15 111-510-D1	BioInfo	M Chinmay Lalgudi	Investigating biomarkers in Parkinson's Disease for prodromal diagnosis and prediction of disease progression
G16 111-520-91	BioInfo	M Pranav Kakhandiki	Automated Diagnosis of Aortitis using Machine Learning
G17 111-530-42	T BioInfo	M Carter Bian & Bhargav Hadya & Parth Pawar	Encephalitis Detection via Random Forest Algorithm of MRI and Electroencephalography (EEG)
G19 111-540-11	BioInfo	M William Bai	A Novel Algorithm for Protein Structure Comparison
G20 111-550-E1	BioInfo	F Riya Deokar	Diagnosis & Prognosis for Multiple Stages of Trichotillomania Using Machine Learning with Kinetic Treatment Feasibility
G21 111-560-A1	BioInfo	M Tarun Chiruvolu	Toward Automated Pathology: Deep Learning for Breast Cancer

Page 20 of 30

Loc. Proj. Num. To	eam Field	Geno	ler Students	Title
				Classification and Genomic Characterization
G22 111-570-61	BioInfo	М	Benjamin Lipman	Accurate Identification of Cardiac Anomalies Through Deep Learning
G26 111-580-12	T BioInfo	М	Anish Somani & Sina Nakhkoob Niasari	A Novel Technique in Drug Design: Applying Dynamic Undocking to
				Modify Cdk-2 Inhibitors to Treat Deafness
G28 111-610-51			Ariana Yamouti	Testing the Antibiofilm Activity of Essential Oil on Biofilm Forming Bacteria
G29 111-611-31	MedHeas	ci F	Manasvi Gummadi	Efficacy of Different Autophagy Inhibitors on Glioblastoma Treated
				with Temozolomide
G30 111-620-11	MedHeas	ici F	Eleni Bauman	Examining the Effect of Cholesterol Starvation on Amyloid-Beta
				Toxicity in Transgenic Caenorhabditis elegans.
G31 111-621-G1			Siyun Zuo	Shaping What We See: Mechanical Properties of the Cornea
G32 111-630-E1	MedHeas	ici F	Emerson Martin	Evaluating the Protective Effects of Cyanocobalamin and
-				Methylcobalamin when C.elegans are exposed to Bisphenol-A
G33 111-631-C1	MedHeas	Sci M	Devin Shah	Using Amazon Alexa and AWS CloudWatch as an Analytical Tool to
				Assess Cognitive Function
G34 111-640-A1	MedHeas	ici F	Sierra Howard	Implications of Inhibiting the Wnt Signaling Pathway in Tolerogenic
				Dendritic Cells using the Novel Antibody Omp-18R5
G35 111-650-61	MedHeas	ici F	Shrena Punj	Microbe Project: Mapping Human Symptoms to Gastrointestinal
	- 14 			Microbial Deficiencies Using Computer Software
G36 111-660-12	T MedHeas	sci M	Hunter Liu & Saneel Khairnar	What is the effect of different components of sebum on the growth
				and reproduction of Propionibacterium acnes (P. acnes)
G38 111-670-F1	MedHeas	ici M	Ashvin Irrinki	A Novel Biomarker for Detecting CTE Utilizing TDP-43 Aggregated
	- 14 6		D 11/ 0.D 1.T	Deposits in Relation to Elevated Tau Concentration
			Raymond Kuan & Derek Tan	Effects of phycocyanin in spirulina platensis on planarian tumor growth
	I MedHeas	CI 7/N	Katelyn Stone & Wesley Liao	Comparison of Beta Amyloid Production by BACE1 and BACE2 Enzymes
G44 111-710-E1	BiomedE	ng M	William Yang	Separating and counting red blood cells using microfluidic
	D' IE		Develop Object	magnetophoresis, phone imaging, and machine learning analysis
G45 111-730-61			Darshan Chahal	Validating the Efficacy of the Peanut Allergen Sensor, TestNut
G46 111-740-21			Edward Ross	Designing a Better Waterproof Bandage
G47 111-750-E2	I BlomeaE	ng F	Celina Ashby & Shresthi Viswanath	Evaluating the Effect of Ultraviolet Radiation on the DNA Repair
G40 110 710 01	Ch a mai a tro	. 1.1	Alexander Cub Ciesel	Systems of UV-sensitive Saccharomyces cerevisiae Cells
G49 112-A10-81	Chemistry	/ IVI	Alexander Guh-Siesel	Synthesizing Analogs of ?2-gliadin proteins to bind with HLA-DQ2
GEO 110 700 20	T Chemistr	, _	Kroona Barikh & Koorthi Banauluri	Receptors to eliminate Inflammation in Celiac Disease The effects of heat with different concentrations of sodium alginate
G50 112-A20-32 G52 112-A30-H1			Kreena Parikh & Keerthi Panguluri	Using silicon to dope Titanium dioxide films to enhance the
G52 112-A3U-H1	Chemistry	/ IVI	Hrushikesha Athreya	photocatalytic abilities of Titanium dioxide
GE2 110 7E0 01	Chamiatra	, -	Sulphina Odio	Mass of Different Foods vs Caloric Content and Energy Provision
G53 112-A50-91 G54 112-A70-H2	Chemistry		Sulphine Odio Timothy Nguyen & Alexandro Rivapalacio	
G54 112-A70-H2 G56 112-B10-H1			Liam McHugh	Temperature as a lead abatement process Engineering Magnetorheological Fluid for Optimal Performance in a
GOO IIZ-RIN-HI	CHECHVE	ng w	Liaili ivici iugii	Variable Compression Damper
G57 112-B20-D1	ChoEnvE	na E	Ashley Dang	Removing Heavy Metals and Pathogens from Water Using Biosand
G21 IIZ-RZU-DI	CHECHVE	ny P	Asiliey Daily	Filters Containing Plant Biomass
				i ilicis Cuitailing Flant Diuliass

Loc. Proj. Num. Te	am Field G	end	er Students	Title
G58 112-B21-B1	CheEnvEng	M	William Chung Chung	Manipulating concentrations of plant-based starches to optimize
				durability for use in biodegradable plastics
G59 112-B30-91	CheEnvEng	F	Katherine Nasif	Development of an Electro-activated Dynamic-Resisting Polyaniline
				Sensor for use in Electronics Prototyping Applications
F59 112-B40-51	CheEnvEng	М	Anderson Wang	Engineering an Efficient Super-capacitor with Inexpensive
	J		· ·	Electrolytes Derived from Organic Heterocyclic Cations
F58 112-B50-11	CheEnvEng	М	Jason Chen	Optimizing Simultaneous Saccharification and Fermentation of
	J			Invasive Undaria Pinnatifida to Create Bioethanol
F57 112-B60-E1	CheEnvEng	М	An Le	The Dependency of Voltage and Electric Current on Citric Acid
	J			Concentration and Different Types of Metals in Batteries
F56 112-B70-A1	CheEnvEng	М	Srinivas Balagopal	Bio-wall:Retooling walls into Carbon and VOC sinks
F55 112-B80-52			Ganesh Pimpale & Timothy Nguyen & Jyotaaver Nirula	Marine Autonomous Litter Collector (M.A.L.C.)
			Rahul Shenoy & Yash Rao & Joshua Thomas	Water from air particles
			Charu Vijay & Neha Mannem	Bioremediation by Bacteria and Microalgae on the Lasting Impact of
			, ,	Ocean and Lake Eutrophication
F49 112-C30-11	EarEnvSci	F	Kami Richardson	Coral Collapse: Investigating and Reducing Environmental Stress
				Factors in LPS Corals with Delayed Release Substrate
F48 112-C40-E1	EarEnvSci	F	Nikitha Kalahasti	The effect of plant recolonisation on soil properties post fire exposure
				during drought stress
F47 112-C50-A1	EarEnvSci	F	Shannon Miranda	An Environmentally Friendly Wetland Nitrate Filtration Method with
				Reduced Global Warming Gases
F46 112-C60-61	EarEnvSci	F	Vanessa Fuentes	Worms, Decomposition, and Soil
F45 112-C80-F1	EarEnvSci	F	Karthyayani Sajeev	What is the effect of various nitrate concentrations on freshwater
			, ,	hydrophyte development?
F44 112-D10-11	PhysAstr	М	Milan Ganai	A Novel Segregation of Lorentz-boosted Higgs Bosons from the
	·			Biggest QCD Background with High Efficiency and Precision
F43 112-D30-A1	PhysAstr	М	Jeremiah Manning	Discrepancies Between the Simultaneous Localization and Orthodox
	•		-	Interpretation of Quantum Mechanics on Measurement
F42 112-E10-A1	ElecEng	М	Tyler Adams	Testing the Electrical Generation Possibility of a Multi-electrode
	J		·	Microbial Fuel Cell in a River System
F39 112-E11-81	ElecEng	F	Aryia Dattamajumdar	An early warning Al-powered portable system to reduce workload
	J		,	and inspect environmental damage after natural disasters
F38 112-E20-52	T ElecEng	М	Ojas Mor & Aayush Bhat	OmniVision: A wearable device to aid the visually impaired using echolocation.
F36 112-E30-21	ElecEng		Matthew Cho	A novel device for detecting objects using artificial intelligence and
	Ü			sound localization for the visually impaired
F35 112-E40-E2	T ElecEng	F/ _M	Eddie Wang & Cindy Wang	Smart Irrigation Systems
F33 112-E60-62			Siddarth Ramkrishnan & Anjali Mathi & Matthew Malto	Shower Water Conserver
F31 112-E70-22			Terrence Te & Ethan Pang	Developing an application utilizing sound localization for the hearing impaired
F29 112-E80-G1	ElecEng		Ajosh Antony	Optimization of Figure-of-Merits of a Linear Permanent Magnet
	J		•	Brushless Synchronous Motor for a Cable-less Elevator
F28 112-E90-C1	ElecEng	М	Siddharth Das	An Intelligent Mechanism to Prevent Vehicle-Ramming Tragedies
-				

e
ean: Designing an Efficient and
ototype
Systems: A Novel, Cost-Effective,
nd A Text Message To Call For Help
ia a Wireless Arduino-Powered
Audible Receiver
automated Ocean Trash Cleanup
ion and Maintenance Mechanism
ımp Performance
lar Strength
xtend the Eulerian Sequence? A
to Mobile Phone Users by Disabling
Phone Calls
Customers Choose Menu Items
achine Learning
Inspired by the Human Visual
Fewer Examples
Using Character-Level Recurrent
G
Cost Efficient Combinations for a
lin via Metaprogramming
anguage through Deep Learning
the use of Convolutional Neural
hniques
•
in Collaborative Environments
lusic Through Emotion Extraction
3
Spatialization to Help Cortical
Machine Learning
Countries' Happiness Indices and
ing Deep Learning
rt Speaking Glasses App to Find
/I

Loc. Proj. Num. Te	am Field (Sender	Students	Title
E33 112-H50-41	SoftEng	M N	Nirmit Ashar	Smartsign, a translating tool for the verbally impaired using machine learning
E34 112-H52-G2	T SoftEng	F/ _M T	Tom Zhang & Grace Kwak	Real Time Prediction of Vehicle Steering Angles using Convolutional
				Networks and Computer Vision on Dashcam Video
E36 112-H53-F1	SoftEng	FF	Renee Su	Land Cover Change Detection From Semantic Segmentation Using
	_			Convolutional Neural Networks
E37 112-H60-H1	SoftEng	M F	Raghav Ganesh	Developing a novel, accurate, and rapid machine learning based skin
	_		-	disease classification algorithm
E38 112-H61-F1	SoftEng	M L	Lakshay Maharana	A novel machine learning algorithm to detect an arrhythmia using
	· ·		·	electrocardiogram images and data
E39 112-H62-D1	SoftEng	МТ	Truc Ho	A Machine Learning Approach to the Static Analysis of Malware
	3			Using Extracted Features
E42 112-H70-C2	T SoftEng	M A	Anshul Rao & Allen Chang	Predicting the Recurrence of Breast Cancer using Machine Learning Techniques
E44 112-H71-B1	SoftEng		Anthony Zhu	Predicting Areas of Increased Roadkill using a K-nearest neighbor
	3		,	Algorithm and Neural Network.
E45 112-H72-91	SoftEng	M F	Robert Walker	Comparing Runtimes Across Software Implementations of Maze Solving Algorithms
E46 112-H80-82		M F	Rehaan Ahmad & Brian Yang	Forecasting Vegetation Health Maps of Sub-Saharan Africa Using an
	3		ŭ	Innovative Long Short Term Memory Based Algorithm
E48 112-H81-62	T SoftEna	FΝ	Nivrithi Krishnan & Ashwini Suriyaprakash	An Al-Powered Voicebot to Improve Post-Operative Recovery
E50 112-H82-51	SoftEng		Harleen Siddhu	Keeping It Private: Self-Made Future Proof Encryption Scheme
E51 112-H90-51	SoftEng		Audrey Cui	From Pixels to Paragraph: A Deep Artwork Passage Generator
E52 112-H91-31	SoftEng		Rushil Saha	A Novel Approach to Image Registration with Fourier Transforms for
				Improved Accuracy and Efficiency
Е53 112-Н92-Н2	T SoftEng	F	sabella Borkovic & Natalie Huang	Creating an Al Trash Sorter Through Supervised Machine Learning
E55 113-110-C2			Kathleen Spears & Stephanie Chen	Mind Control Motion Pareidolia
E57 113-310-E1	AnimalSci		Brendan Lin	Effects of MAPK Inhibitors/Stimulators on Planarian Regeneration
E58 113-410-61	BiocheMic		Allison Jia	Modeling Neurodegeneration in vitro: A Dynamic Study of Tau in a
				Microfluidic Chamber System Via Quantum Dot Labeling
E59 113-411-41	BiocheMic	M A	Aditya Behal	Novel Drug Development To Inhibit Nipah Virus Glycoprotein G
		,	y a 20.1a.	Binding to Human Ephrin-B2 and Ephrin-B3 Receptors
D59 113-420-21	BiocheMic	FL	Lauren Fu	Characterization of New Variants of ?-Glucosidase B Protein Using
				Kinetic and Thermal Analysis
D58 113-430-F1	BiocheMic	F A	Anika Tiwari	Understanding the Mechanism of Interaction of Bacteriophage phi KZ
200 110 100 11	Dicorioiviio		Time Time	with CRISPR-Cas Immune Systems
D57 113-431-D1	BiocheMic	F (Chaelee Park	Role of morphine in the microglial TLR4-mediated inflammatory response to ischemia
D56 113-440-B1	BiocheMic		Van-Khanh Tran	The Effect of Glia on Neural Excitability
D55 113-460-31	BiocheMic		Anushka Goel	Finding a Connection Between the Immune Response and
_ 55 _ 15 100 51	2.00/10/11/0	. ,		Overproduction of Amyloid beta in Alzheimer's Disease
D54 113-480-C1	BiocheMic	F	Shreya Sinha	Analyzing the Role of Chromothripsis in Cancer via Telomere Modification
D53 113-511-D1	BioInfo		Divya Nair	Analyzing the Effect of Spaceflight on Mus musculus Retinas through
233 113 311 DI	Dioiiiio			Transcriptomic Analysis
D52 113-512-B1	BioInfo	FC	Christina Wong	Visualizing Tumor Heterogeneity and Predicting Metastasis with Machine Learning
	סווווט	, ,	Omisina vvong	Todamenty Tarrior Frotorogonory and Froducting Microscope With Middlinio Ecaliffing

Loc. Proj. Num. Tea	am Field (Students	Title
D51 113-520-B1	BioInfo	F Cynthia Chen		Decoding Neural Networks: Novel Computational Methods to
DEO 112 FO1 01	BioInfo	M Jessie Wang		Discover Anti-Tumor B-Cell Receptor Binding Motifs Using Single Cell Analysis to Identify Drug Resistance Mechanisms
D50 113-521-91	DIOITIIO	ivi Jessie wang		in Mixed Lineage Leukemia
D40 112 F20 71	BioInfo	F Aarzu Gupta		
D49 113-530-71	DIOITIIO	r Aarzu Gupta		Identification and Analysis of Sex Specific Gene Expression
-40 110 501 51	Dialata	F. A Daniero:		Signatures in Alzheimer's Disease
D48 113-531-51	BioInfo	F Anuva Banwasi		Biomarker identification in the adipogenic pathway of tumor cells - a metabolomics approach
D47 113-540-31	BioInfo	F Eileen Li		Head and Neck Cancer Prognosis Using Machine Learning Analysis
	2.00			of Pathology Images
D46 113-541-H2	T BioInfo	√F _M Tanaya Nawathe & F	Ria Nawathe & Keshav Gurushankar	Investigating the Role of Oxidative Phosphorylation in Myofiber Type
				Under Microgravity Conditions
D44 113-550-G1	BioInfo	M Rohit Tanikella		Diagnosing Mental Disorders in 9-10 year olds using MRI scans and Deep Learning
D43 113-551-E1	BioInfo	M Neil Kapoor		Effects of tumor suppressor gene alterations on lung
				adenocarcinoma using Tuba-seq pipeline
D42 113-561-A1	BioInfo	F Alice Yeh		Mining classification rules for HIV-1 protease cleavage sites using
				simplified swarm optimization
D39 113-570-81	BioInfo	M Richard Hu		Using Voice Recognition Technology to Translate the Speech of the Vocally Impaired
D38 113-571-61	BioInfo	F Shruti Sridhar		Investigating Genetic Mechanisms of the Tumor Endothelium Using
				scRNA-Seq Analytics & Developmental Trajectory Mapping
D37 113-580-41	BioInfo	M George Weale		How does the human microbiome impact immune cells?
D36 113-581-21	BioInfo	F Mallika Parulekar		A Fast, Unsupervised Learning Method to Identify Novel and Diverse
				Signals in High-Throughput Genetic Data
D35 113-590-H1	BioInfo	F Amirtha Maria		Do varying concentrations of nitrogen lead to varying production of
				chlorophyll among different algal communities?
D34 113-591-F1	BioInfo	M Rushil Srivastava		Standardizing and Optimizing Skin Allergy Testing using Computer Vision
D33 113-610-71	MedHeaSci	F Rashi Ranjan		Examining the Mdivi-1-Induced Fusion-Independent Mechanism of
		,		a-KG Inhibition in Lung Cancer Cells
D32 113-620-31	MedHeaSci	F Triya Roy		The Effect of a High-Sugar Diet on Drosophila melanogaster
D31 113-640-C1		F Sriya Jonnakuti		The Effect of Pulsed Focused Ultrasound Induced HSP20 on p-AKT
		,		Activation and Chronic Kidney Disease Progression
D30 113-650-81	MedHeaSci	F Maya Nayak		Using Planaria as a Model Organism for Multiple Sclerosis - An
		, ,		Alternative Approach Using Anecdotal Cures
D29 113-660-41	MedHeaSci	F Sangeeta Koilada		The effect of exogenous p53 from long-lived mammals on the
		G		longevity of human cells
D28 113-670-H1	MedHeaSci	F Cordelia Yu		The Genome Stethoscope: Developing CRISPR for Live Diagnosis of
				Genome Abnormalities
D27 113-710-G1	BiomedEna	M Daniel Portillo		Make prosthetic bird beak better: improving the geometric design and
- · - · - · - ·	9			looking for the right material
D26 114-A10-A1	Chemistry	M Dean Tran		3D Printing of Silica Embedded Chitosan Aerogels for Supercapacitors
D23 114-A20-61		F Aditi Ghalsasi		A Novel Approach to Creating Ideal 3D-Printable Polymers via
	2y	- Tidado		7. Trovor Approach to croating laddi ob i initiable i crymore via

Page 25 of 30

Loc. Proj. Num. Tea	am Field (Gender Students	Title
			Functionalization of PCL
D22 114-A50-B1	Chemistry	F Annie Ma	The effect of surface functionalization on the capacitance of graphene aerogels
D21 114-A60-71	Chemistry	M Aryan Goyal	An Automated Tool to Determine the Stability of CH4 and CO2 Clathrates
			using Molecular Dynamics and MLP Neural Networks
D20 114-A70-22	T Chemistry	^F / _M Ellen Guo & Sonny Young	The Effect of Charged Spheres on CPE Conformations: The Creation
			of an Artificial Light-Harvesting Complex
D18 114-B10-21		g M Daniel Kim	Characterizing Triple-Junction Silicon Solar Cells For Solar Fuel Production
D17 114-C10-A2	T EarEnvSci	^F / _M Iris Xia & Justin Cai	The Effects of Burrowing Animals and Mass Extinctions on Marine
			Ecosystems Through Earth History
D15 114-D10-31	PhysAstr	F Nikita Salunke	Effect of Epitaxial Compression on Structural & Electrical Transport
			Properties of 3D Topological Dirac Semimetal Cd3As2
D14 114-D20-F2	T PhysAstr	^F / _M Jin Tuan & Andrew Lu & Tanshi Jain	Star-Galaxy Separation and Discovery of Rare Halo Stars through
			Spectroscopic and Photometric Analysis of the Milky Way
D12 114-D30-C1	PhysAstr	F Emily Liu	Detecting Crystals in 3D Printed Metals Using Diffraction from X-ray
			Fluorescence Spectra
D11 114-D40-81	PhysAstr	M Bryan Wang	Studying Metals in the Circumgalactic Medium by Post-Processing
			Cosmological Galaxy Simulations
D10 114-G10-D1	Math	F Maya Abiram	Can random walks on retinal connectome structure differentiate
			amacrine cell functionality in the retina
C10 114-H10-51	SoftEng	M Sahil Jain	Binary Classification for Entity Linking Disambiguation with TFIDF
			Vectorization and SVM Linear Models
C11 114-H20-11	SoftEng	M Gautham Raghupathi	Tracking Clathrin-Mediated Endocytosis in Stem Cells via
			Segmentation with Deep 4D Convolutional Neural Networks
C12 114-H30-E1	SoftEng	M Patrick Yu	LEASGD: an Efficient and Privacy-Preserving Decentralized
			Algorithm for Distributed Learning
C13 121-210-51	PlantSci	F Sawye Raygani	Silk Fibroin Seed Priming as a Method for Improving Drought
			Tolerance of Lactuca sativa
C14 121-220-11	PlantSci	F Jayde Meng	Usage of Pseudomonas fluorescens to Enhance Iron Absorption of
			Lactuca sativa in Aquaponic Systems
C15 121-230-E1	PlantSci	F Natsumi Hayashi	Ability of Philodendron bipinnatifidum to Absorb Excess Ozone and
			its Survivability in Hazardous Atmospheric Conditions
C16 121-240-A1	PlantSci	F Lauren Heron	Plants Affected by the Moon?: The growth rate of Fast Plants with
			regard to planting periods during the lunar cycle
C17 121-250-61	PlantSci	M Alexander Noriega	The Absorption and Relative Efficiency of Antifungal Properties of
			Allium sativum Powder With Phaseolus vulgaris.
C18 121-310-E1	AnimalSci	F Mariapaula Sunzeri	Effect of Burnt Cigarette Ashes and Butts on the Growth of Gymnodinium Sp.
C19 121-320-A1	AnimalSci	F Joshita Kamalakannan	Using Aronia melanocarpa Extract to Analyze the Effects of
			Antioxidant-Rich Foods on the Health Span of Drosophila
C20 121-330-61	AnimalSci	F Annika Mittelhauser	Can Air Pollution Damage Memory? Impact of Varying NO2
			Exposure Times on Memory of Drosophila Melanogaster
C21 121-340-21	AnimalSci	F Lubat Asadova	Testing the Effect of Heat Shock On the Behavior Response and on

Page 26 of 30

Loc.	Proj. Num. Te	am Field	Gend	er Students	Title
					the Neuron Activity in C. Elegans
C22	121-350-F1	AnimalSci		Joshua De Leon	Effects on New Hosts for Symbiotic Mites
C23	121-410-61	BiocheMic	М	Zeeshaan Chunawala	Magnetization of Incorporated Iron Oxide Nanoparticles as a Method
					for Combatting Candida albicans Biofilm Growth
C26	121-411-32			Ann Bui & Annalis Chao	The Effects of Ultraviolet Radiation on Bacteria Growth
C28	121-420-21	BiocheMic	М	Greg Santangeli	Effect of Dissolved Urea on the Reproductive Rate and ROS
					Production of Dinoflagellates Under Thermal Stress
C29	121-430-E2			Prithvi Saravanan & Tylee Bao & Noah Bae	What are the effects of positive/negative probiotics on cholesterol uptake?
C31	121-440-B1	BiocheMic	F	Elise Mayer	Effect on the Flow of Cytoplasm When the Slime mold Physarum
					polycephalum Makes More Difficult Decisions
	121-450-62			Sreevidya Nibhanupudi & Yingjie Guo	The Effect of Lactation on Protein Concentration in Cow's Milk
C34	121-460-22	T BiocheMic	F	Kyubin Lee & Vy Truong	The Effect of pH Levels and Temperature on the Growth Inhibition of
					Candida albicans
	121-470-F2			Helen Nguyen & Sophia Tran & Ezequiel Ponce	Targeting susceptibility to mutations in the cell cycle
C38	121-480-C1	BiocheMic	F	Angelynn Nguyen	Determining the contribution of Escherichia Coli K-12 biofilms'
					mechanisms to antibiotic resistance
C42	121-490-72	T BiocheMic	F	Lily Huynh & Thao Le	Comparing the Effects of Various Exposure Times of Radiation on
					Oxygen Production of Spirulina Major
C44	121-520-B1	BioInfo	F	Ana Cismaru	Parkinson's Disease Classification via Convolutional Neural Networks
		-		16 20 11 11 11 11	using DaTscans
C45	121-530-62	T BioInfo	5/№	Krithika Nathamuni & Siddharth Iyer	Mathematical Model for the Pathfinding Abilities of Physarum
		 	<u> </u>	Di D O A III	polycephalum: Potential Application to Real Traffic Network
C47	121-540-22	I Biointo	٦/ _N	Divya Rao & Aditya Rao	Machine Learning - Investigative Study of Classifiers in Melanoma
		Madulaco		D I. I	Depth Estimation using 3D Reconstruction of 2D Images
C49	121-610-71	меанеаб	CI IVI	Ryan Judy	Determining the effect of ascorbic acid on viability of drosophila
	101 600 31	ModulosC	.: F	Anna Castello	melanogaster with developmental nicotine exposure
C50	121-620-31	MedHeas	CI F	Anna Castello	Testing the Efficacy of Coconut Oil and its Components in Protection
<u> </u>	101 620 80	T MadUasC	oi F/	Jackson Conto 9 Jaconhina Montile	Against Amyloid Toxicity in Transgenic C. elegans The Effects of Vitamin C on Kras G12D-mutant Adenocarcinoma Cells
				Jackson Conte & Josephine Mantik Angelica Harlan & Lucy Chang	
C53	121-64U-B2	i wedneas	JI F	Angelica Hanan & Lucy Chang	The Effects of Melatonin on Apoptotic Rates of 6-OHDA Neurotoxin Induced SH-SY5Y Cells
C55	121-650-72	T MedHeaS	ci F	Nicole Pham & Zhanting Zhao	Effect of Phytoestrogens on Apoptosis rates of LNCaP Cells
				Vickie Hua & Deevya Raman	The Effect of Andrographis Paniculata Extract on MDA-MB-231 Breast Cancer Cells
	121-670-Н1			Evelyn Rubinchik	The Effect of Blue Light Exposure on the Retinal Degeneration of Light and Dark Eyes
B59	121-710-G1			Alice Martynova	An Affordable, Al-Enhanced Device to Diagnosis Strep Throat and
			_	•	Prevent Rheumatic Fever in Developing Countries
B58	121-720-B2	T BiomedEn	g F	Naomi Bennett & Aiushe Mishra	Machine Automated Replacement 3D Hand Aid (MARTHA 3.0)
	121-730-81			Shivam Singhal	A Non-Invasive Tool for Cancer Diagnosis through the Optimization
			-	-	of Cell-free RNA and DNA
B55	121-740-41	BiomedEn	g F	Sandhini Agarwal	Tracking Parkinsonian Tremors: A Wearable Device Application
					Utilizing Smart Sensing for Real-Time Monitoring & Analysis

Loc. Proj. Num. Tea	am Field G	ende	er Students	Title
В54 121-750-Н1	BiomedEng	М	Dulati Aideli	Optimizing The Coronary Stent By Designing Vibration Dampeners
				And A New Deployment Method
B53 121-760-D1	BiomedEng	М	Andy Carranza-Ochoa	A New Approach To Pressure Dressings For Wounds
B52 122-A10-A1	Chemistry	F	Lily Beck	Synthesizing Active Compounds of Zingiber Officinale and their
				Effectiveness on Eradicating Pseudomonas fluorescens
B51 122-A20-61	Chemistry	F	Teagan Toomre	Synthesizing Derivatives of Coumarin to Downregulate Collagen III
	-			Expression in Cardiac Fibroblasts
B50 122-A30-21	Chemistry	F	Romella Sagatelian	Synthesis of Pyrazolopyridine Derivatives as Potential NADPH
	•		•	Oxidase 5 (NOX5) Inhibitors
B49 122-A40-F1	Chemistry		Payton Feldman	Antioxidant Activity of Melatonin Derivates in Alzheimer's Disease
B48 122-A50-B1	Chemistry	M	Viboll Thach	Comparing the Efficacy of Different Solvents in CO2 Absorption
B47 122-A60-71	Chemistry	М	Emilio Cantu-Cervini	Mars Likes it Hot: The Effect of Dust Storms and Temperature on the
				Clay Bicarbonate Reaction
B46 122-B10-21	CheEnvEng	М	Prabhat Jandhyala	Creating a rechargeable battery by manipulating equilibrium
				constants or redox reactions
B45 122-B20-E2	Γ CheEnvEng	F	Anjali Sinha & Samantha Yang	Fighting Flames: Heat-Activated Dispenser for Fire Retardant
B43 122-B40-71	CheEnvEng	М	Duc Tran	Bandage Made from Brassica oleracea Used to Monitor Wound pH Levels
B42 122-B50-31	CheEnvEng	М	Ryan Mei	Sustainable Materials from Biofilms
B39 122-B60-G1	CheEnvEng	М	Vishal Menon	Effect of Temperature on the Efficiency of a Fuel Cell
B38 122-B70-B2	Γ CheEnvEng	F/ _M	Vittal Thirumalai & Abida Diep	Keeping the Ocean Clean: A Novel Self-Sustaining Boat that Collects
			·	and Sorts Trash in the Ocean
B36 122-C10-B1	EarEnvSci	F	Visala Tallavarjula	Water Use Optimization for Irrigation in Desert Sand Using Percolation Control Layer
B35 122-C20-71	EarEnvSci	F	Sophia Barwegen	The Effect of Light Pollution on Sky Brightness and the Calvin Cycle
				of Wildflowers in Yosemite National Park
B34 122-C30-31	EarEnvSci	F	Shivani Deglurkar	Using Mathematical Models to Find the Hazard Factor of Gaseous Pollutants
B33 122-D10-31	PhysAstr	М	Avi Patel	Using HIFLUCGS Galaxy Clusters to Examine Systematic Elemental
	-			Abundance Differences between Chandra and XMM-Newton
B32 122-D20-G1	PhysAstr	F	Ananya Venkatraman	Near-Earth Asteroid 1994 LX: Modeling Position and Velocity Vectors
				in order to Calculate Osculating Orbital Element
B31 122-D30-B2	Γ PhysAstr	F	Nidhi Panchal & Pernelle Chan & Julie Park	The Effects of Gas Density and Temperature On Sound Intensity
B29 122-D40-72	Γ PhysAstr	F/ _M	Matthew Dai & Jaylene Baltazar & Vincent Pham	Space Exploration: Creating a Robotic Control System in Microgravity
B27 122-D50-32	Γ PhysAstr		Anhiti Dharmapuri & Katherine Mekechuk	Space Relation: The Relationship Between the Concentration of
				Stars and Exoplanets in Corresponding Locations
B23 122-D60-H1	PhysAstr	М	Philip Kabranov	Accretion Analysis through Profile Decomposition of T-Tauri Stellar
				Spectra using Non-linear Least Square Minimization
B22 122-D70-D1	PhysAstr	М	Rustam Gandhi	Using Schlieren Imaging to Determine Refractive Indices
B21 122-E10-C1	ElecEng	М	Justin Quan	Network of Checkpoints and RFID-Equipped Apparel for Campus
	-			Security and Nonintrusive Tracking in Schools
B20 122-E20-72	Γ ElecEng	F/ _M	Cadence Boronkay & Vikasni Kalahasthi & Rushabh Shah	Blind Pedestrian Crossing Safety Device
B18 122-F11-12	Γ MechEng		Milagros (Millie) Sotelo & Jennifer Chacon-Duran & Bianca Poblano	The Effects of Hair Fibers in Clay Brick Strength
B16 122-F20-G2	Γ MechEng	F/ _M	Cyril Bhoomagoud & Jessica Valdez & Jacob Buettner	DroneTastic Corp.

	master i roject	
Loc. Proj. Num. Team Field		Title
B14 122-F21-E2 T MechEng	M Richard Le & Dan Tran	Open Says A Me
B12 122-F40-82 T MechEng	F/ _M Oskar Attar & Jenna Young & Nathan Yacovetta	Converting car exhaust into electricity
B10 122-F60-11 MechEng	M Akash Vig	A Blue Light Filter Compatible With Any Mobile Device
A10 122-F70-D2 T MechEng	F/ _M Albert Zhao & Yanwen Ding & Erik Mitchell	Guitar Tuner (Gtuner)
A12 122-F80-92 T MechEng	^F / _M Kassandra Nguyen & Auguste Bruno & Martin Liu	Robotic Reduction & Removal of Algae Blooms
A14 122-F90-52 T MechEng	M Minh Phan & Dien Nguyen	Shutter-Gutter
A16 122-G10-D1 Math	M Pranav Atreya	Determining Expressions for Parameter Derivatives of an object with
		unknown Parameterization
A17 122-H10-51 SoftEng	F Karla Puentes	College Chatbot
A18 122-H20-H2 T SoftEng	M Govind Pimpale & Nitish Reuben & Marek Pinto	GPU Based Scalable Plant Architecture Simulation
A20 122-H30-D2 T SoftEng	F/ _M Akshay Attaluri & Nithya Attaluri	Using Deep Learning for Classification/Segmentation and Contrast Agent
		Development for Multimodal Brain Tumor MR Images
A22 123-410-81 BiocheMid	c F Sophia Hwang	Using THP-1 Dual Cells to Create an Alternative Endotoxin and
	· -	Pyrogen Detection Method Through Luciferase Expression
A23 123-420-41 BiocheMic	M Bennett Rosenberg	Analyzing Growth & Survivability of T. Molitor Gut Microbial
	-	Community when Carbon Source is Limited to Various PS Forms
A26 123-430-н1 BiocheMid	c M Jason Dong	Grape skin extract improves muscle function / lifespan of a
	· ·	Drosophila model of Parkinson's through mitophagy
A27 123-440-D1 BiocheMic	M Vivek Kamarshi	Cellular Pathways for Increasing Fusion and Decreasing Replication
		of Varicella Zoster Virus
A28 123-450-91 BiocheMic	F Nikhita Gopisetty	Effects of Sox9 on Beta Cell Function
A29 123-470-11 BiocheMid		Training a New Bacterial Model for Arsenic Treatment
А30 123-510-H1 BioInfo	F Katherine Tian	Interpretable Deep Learning to Uncover The Sequence Determinants
		of Cell-Type-Specific TF Binding
A31 123-520-D1 BioInfo	M Keval Shah	Quantitative Analysis of Breast Cancer Detection by B7-H3 Targeted
		Ultrasound Molecular Imaging
A32 123-530-91 BioInfo	F Katherine Zhang	Multiple Disease Prediction with Machine Learning on Large
	and a sample	Microbiome Metagenomic Datasets
A33 123-540-51 BioInfo	M Charles Huang	Characterization of NADPH Binding Patterns for the Rational Design
		of a Photoactivatable NADPH Analog
A34 123-550-11 BioInfo	M Tarun Amarnath	Creating a Pipeline to Evaluate the Effects of anti-miRNA
2.66		Oligonucleotides on Pancreatic Cancer Cells
A35 123-560-D2 T BioInfo	F Sonia Sharapova & Saloni Shah	Immune Cell Profiling and Clustering in Adult Melanoma Cancer
	ci F Ruhi Sayana	Precision Care for Cancer: Discovery of Novel Therapeutics for
The second secon	o	High-Risk ALL via Epigenetic and Computational Profiling
A38 123-620-51 MedHeaS	ci F Aishwarya Atmakuri	Effect of vitamin D3 on ER stress in multiple myeloma and cervical
1155 125 020 ST WOOT TOUC	o	cancer to augment chemotherapy
A39 124-A10-C1 Chemistry	F Ananya Karthik	Ultrasound-activated Nanoparticles for Targeted Drug Delivery to the Brain
x25 124-D10-51 PhysAstr	M Tamur Asar	Calculating The Dynamic Range Resolution of Transition Edge
723 124 DIO SI I HYSASII	W Famal Agai	Sensors Down to One Electron Volt to Investigate Dark Matter
X24 124-D20-H2 T PhysAstr	√F/M Cindy Wang & Ryan Hsu	Analyzing Gamma-ray Emissions of High-energy Blazars to Probe
AZ4 IZ4-DZU-HZ I FIIYSASII	/M Ciriuy Wariy & Nyari i iSu	Analyzing Gamma-ray Emissions of High-energy Diazars to Probe

Page 29 of 30

Loc.	Proj. Num. Tea	m Field	Gender	Students	Title
					the Extragalactic Background Light
X22	124-D30-E1	PhysAstr	M Car	meron Jones	Automated Identification of Organic Molecular Structure and Relative
					Concentrations from Telescopic IR Spectral Data
X17	124-D40-92 T	PhysAstr	F/ _M Ary	a Maheshwari & Alexandra Masegian	Automated Classification of a Mysterious Population of "Weak CN"
					Stars in the Andromeda Galaxy
X15	124-E10-D2 T	ElecEng	M Kav	rish Trivedi & Phillip Chau	Deposition and Characterization of Ultra Thin Zinc Oxide Films
X14	124-F30-F1	MechEng	F Isha	ani Narwankar	Engineering an Unmanned Autonomous Vehicle for Use in Search
					and Rescue Missions Post Natural Disasters
X13	124-G10-F1	Math	M Sta	nley Wang	Connectedness of the Moduli Space of Genus 1 Planar Tropical Curves
X12	124-G20-B1	Math	M Shi	va Balachander	Analysis of Long Short-Term Memory Neural Network Structures on
					the Accuracy of Stock Price Predictions
X11	124-H10-71	SoftEng	M Ash	win Reddy	Can Demonstrations with Reverse-Curriculum Generation Reduce
		_		-	Robot Path-Planning Time?
X10	124-H30-G1	SoftEng	F Joc	elin Su	Computionally Efficient Measures of Neuron Importance in Deep Neural Networks