

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4	TRACKING THE GABAERGIC NEURONS IN RAT BRAINS PRENATALLY PRIMED WITH BETAMETHASONE USING NEUROPEPTIDE Y AS A MARKER	SCIENCE	NEW YORK, UNITED STATES	AKSHARA KOOTTALA	SILVER
8	APPLICATION OF THE NOVEL ANTI HIGH ENERGY VISIBLE LIGHT BIOMEMBRANE	SCIENCE	TAIWAN	CHARLES JAN	HONORABLE
15	DETERMINANTS OF CORONARY VASCULAR EVENTS RESPONSIBLE FOR SUDDEN DEATH VULNERABLE PLAQUE TRIAL (DISCOVER VP)	SCIENCE	NEW YORK, UNITED STATES	RACHEL RIVERA	HONORABLE
28	VALIDATING BEE HONEY AS AN INDICATOR OF ENVIRONMENTAL HEALTH IN URBAN AND RURAL NEW YORK	SCIENCE	NEW YORK, UNITED STATES	YAFFA SEGAL	BRONZE
59	A REMINDER FROM MOTHER EARTH	CREATIVE WRITING	KYRGYZSTAN	ERTUR ZHOLCHUBEKOV	HONORABLE
68	WAKE UP BEFORE IT'S TOO LATE	SHORT FILM	KYRGYZSTAN	MUHAMMED MELISOV	HONORABLE
69	UNTOUCHED NATURE OF KYRGYZSTAN	ART	KYRGYZSTAN	KANYMZHAN SATYLGANOVA	HONORABLE
89	POLLUTION FREE LIPSTICK IN REUSABLE CASE	BUSINESS	CHINA	XINRU LU	HONORABLE
91	MICROPA A NOVEL APPROACH FOR THE QUANTIFICATION AND FILTRATION OF MICROPLASTICS IN TAP WATER	SCIENCE	INDIA	TEJAS SHARMA- ADITYA PRATAP SINGH CHAUHAN	SILVER
96	ON THIN ICE THE FATE OF THE RHONE GLACIER. A DOCUMENTARY FILM	SHORT FILM	SWITZERLAND	RAPHAEL KNECHT	SILVER
104	INVESTIGATING THE EPIGENETIC REGULATION OF BRG1 AND H2A.Z IN THE NUCLEUS ACCUMBENS OF COCAINE ADDICTED MICE	SCIENCE	NEW YORK, UNITED STATES	MEAGAN RYAN	SILVER
109	BRIGHT SOLUTION	SCIENCE	SOUTH AFRICA	ABIGAIL BLOEM	BRONZE
117	MANIPULATIONS TO THE MOLECULAR CLOCK OF GLIAL CELLS IN DROSOPHILA MELANOGASTER SUGGEST A POTENTIAL ROLE IN CIRCADIAN TIMEKEEPING	SCIENCE	NEW YORK, UNITED STATES	WILLIAM CURVAN	GOLD
123	RECIPROCAL SYNTHESIS AND DEGRADATION OF TREHALOSE AND GLYCEROL IN SACCHAROMYCES CEREVISIAE: ANALYSIS USING A CONSENSUS GENOME SCALE METABOLIC MODEL	SCIENCE	NEW YORK, UNITED STATES	LINLEE MANGIALARDI	SILVER

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124	OPTIMAL CONCENTRATIONS OF HISTONE MODIFICATION DRUGS TO INDUCE CELL DEATH OF PRIMARY MEDIASTINAL B CELL LYMPHOMA	SCIENCE	NEW YORK, UNITED STATES	GABRIELLA ZEBELMAN	BRONZE
130	BREAST CANCER	SCIENCE	TURKEY	MUGE BERBER	HONORABLE
137	COMPARING THE DIFFERENCES IN THE CD80CD73 SUBSETS IN IGG1 MEMORY B CELLS IN ALLERGIC ASTHMA	SCIENCE	NEW YORK, UNITED STATES	MICHAEL PAVELCHEK	GOLD
138	ANALYSIS OF GLUCOSE CONCENTRATIONS FOR DIABETIC USE USING COLOR INTENSITY CHANGES	SCIENCE	NEW YORK, UNITED STATES	ANJOLAOLUWA ADESINA	HONORABLE
139	AUDITORY PROCESSING OF SPEECH AND NON SPEECH STIMULI IN LOW FUNCTIONING AUTISM: AN ELECTROPHYSIOLOGICAL STUDY	SCIENCE	NEW YORK, UNITED STATES	BONNIE LIN	BRONZE
1164	ELUCIDATING THE LACK OF MICROGLIAL RESPONSE TO CHRONIC UNPREDICTABLE STRESS AND BDPF ADMINISTRATION IN THE SUBSTANTIA NIGRA	SCIENCE	NEW YORK, UNITED STATES	ELIZABETH CARPENTER	SILVER
1165	ELUCIDATING THE IMPACT OF PTPN2 KNOCKOUT ON BETA CELL APOPTOSIS INSULIN EXPRESSION AND DIFFERENTIATION IN PANCREATIC PROGENITOR BETA CELLS DERIVED FROM HESCS	SCIENCE	NEW YORK, UNITED STATES	XIA SAAVEDRA	SILVER
1166	UTILIZING A NOVEL TAYLOR COUETTE CELL IN ORDER TO GENERATE A MORE EFFECTIVE DRILLING FLUID IN WELL BORE OIL APPLICATIONS	SCIENCE	NEW YORK, UNITED STATES	CHRISTOPHER SILVA	HONORABLE
1168	EFFECTIVENESS OF VIRTUAL REALITY EXERCISE AT REDUCING SYMPTOMS OF ANXIETY AND STRESS IN ADOLESCENTS	SCIENCE	NEW YORK, UNITED STATES	ALEXA SHAW	SILVER
1170	INVESTIGATING THE SEASONAL DYNAMICS IN SODIUM CHLORIDE CONCENTRATIONS OF HUDSON RIVER TRIBUTARIES	SCIENCE	NEW YORK, UNITED STATES	NICOLE CAMILLIERE	SILVER
1174	CHARACTERIZING TEXTILE ELECTRODES FOR USE IN A WEARABLE BIOIMPEDANCE MONITOR	SCIENCE	NEW YORK, UNITED STATES	DYLAN ZELKO	BRONZE
1175	IDENTIFYING BEHAVIORAL CHANGES THAT OPTIMIZE RECOVERY TIME FROM MILD TRAUMATIC BRAIN INJURIES IN HIGH SCHOOL ATHLETES	SCIENCE	NEW YORK, UNITED STATES	HUNTER CAPARELLI	HONORABLE

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1176	BETA AMYLOID PROTEINOPATHY REVEALS DISTINCT HISTONE POST TRANSLATIONAL MODIFICATION LANDSCAPES	SCIENCE	NEW YORK, UNITED STATES	GENEVIEVE FORAN	SILVER
1179	SPREAD OF DARK SIDE	ART	KYRGYZSTAN	DIANA ASANOVA	BRONZE
1189	CYCLO.PLAS: UPCYCLING FISH SCALE WASTE AS ENVIRONMENTALLY FRIENDLY MATERIAL TO COMBAT WHITE POLLUTION	SCIENCE	CALIFORNIA, UNITED STATES	JACQUELINE PRAWIRA	SILVER
1213	INVESTIGATING THE USE OF CERATOPTERIS RICHARDII AS A MODEL PLANT FOR PHYTOREMEDIATION OF CADMIUM	SCIENCE	NEW YORK, UNITED STATES	TYLER BISSOONDIAL- BLAKE LIPPMAN	HONORABLE
1240	WASTEWATER TREATMENT: THE USE OF MEALWORM GUT BACTERIA (TENEBRIO MOLITOR) TO ISOLATE AND IDENTIFY BACTERIA THAT CAN BIODEGRADE POLYSTYRENE	SCIENCE	MINNESOTA, UNITED STATES	ROWAN ROCK	BRONZE
1258	VOX	CREATIVE WRITING	CALIFORNIA, UNITED STATES	MANASI GANTI	BRONZE
1260	REPURPOSING FOOD WASTE AS A GROWTH MEDIA FOR NITROGEN FIXING BACTERIA	SCIENCE	CALIFORNIA, UNITED STATES	ATMAJA PATIL	BRONZE
1268	EVALUATING MEDICINAL PLANTS (SCUTELLARIA BARBATA HEDYOTIS DIFFUSA CELASTRUS HINDSII) FOR ANTIOXIDANT AND ANTICANCER ACTIVITY	SCIENCE	VIET NAM	NGUYEN VIET QUANG NAM - NGUYEN CAO HAI VY	SILVER
1269	STUDIES ON CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITY OF TRADITIONAL HERBAL MEDICINE IN VIET NAM	SCIENCE	VIET NAM	BUI HOANG PHUC - DAO NGUYEN PHUONG THAO	HONORABLE
1271	MIXTURE EXTRACTION OF ANNONA MURICATA LEAF AND CARICA PAPAYA FLOWER: CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITY	SCIENCE	VIET NAM	DANG QUANG ANH - LY VINH HOA	HONORABLE
1277	FEASIBILITY OF POWDERED ARACHIS HYPOGAEA (PEANUT) SHELLS AS A COAG FLOCCULANT FOR OIL SPILLED WATER	SCIENCE	PHILIPPINES	CHERYL JO ONTE- FELICITY ANACAY	HONORABLE
1289	THE EFFECT OF TEMPERATURE ON SEA TURTLE HATCH AND EMERGENCE ON SOUTHEAST FLORIDA BEACHES	SCIENCE	NEW YORK, UNITED STATES	CAYLA GONA	GOLD
1290	COMPARISON OF PROTEIN ELECTROPHORESIS IN CHICKENS TAKEN DURING HIGH AND LOW EGG LAYING PERIODS	SCIENCE	NEW YORK, UNITED STATES	CATARINA DURAES	HONORABLE

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1300	MRAP2 IN THE HYPOTHALAMUS OF PRENATALLY BETAMETHASONE PRIMED RATS AND SALINE CONTROLS FOR TREATMENT OF INFANTILE SPASMS	SCIENCE	NEW YORK, UNITED STATES	NITIN SESHADRI	BRONZE
1314	INVESTIGATION OF THE EFFECT OF FLOW FIELD GEOMETRY ON THE PERFORMANCE OF HYDROGEN IRON REDOX FLOW BATTERY	SCIENCE	ILLINOIS, UNITED STATES	SEO YEON CHO	SILVER
1318	CHARACTERIZING ASTEROIDS USING PHOTOMETRIC DATA	SCIENCE	NEW YORK, UNITED STATES	NICOLA DEMARINIS	SILVER
1321	THE EFFECT OF HORMONE THERAPEUTIC AGENT LETROZOLE ON HUMAN LYMPHATIC ENDOTHELIAL CELLS IN VITRO	SCIENCE	NEW YORK, UNITED STATES	JOANNA RODRIGUES	BRONZE
1329	YOU'VE GOT 35 POINTS LEFT TO LIVE	CREATIVE WRITING	EGYPT	TASNEEM AHMED YAMAN	SILVER
1330	THE WEST WIND	CREATIVE WRITING	EGYPT	NADEEN AHMED MOSTAFA	HONORABLE
1338	LOVERS OF TOMORROW	CREATIVE WRITING	INDONESIA	KENYO SUKMANING GESANG	BRONZE
1341	SMART GARBAGE CLASSIFICATION SYSTEM	SCIENCE	VIET NAM	BAO NGUYEN NGOC-MINH NGUYEN NGOC LE	HONORABLE
1344	YOUR INTENTIONS SHAPE YOUR LIFE	ART	KYRGYZSTAN	ISKHAK ISAKOV	HONORABLE
1357	BUTTERFLY EFFECT	CREATIVE WRITING	BULGARIA	VIVIAN KRAYSLAVOVA	BRONZE
1360	HEALING FROM THE ENVIROMENT	ART	KOSOVO	RRON SEFAJA	SILVER
1361	BUILDING THE FUTURE	ART	KOSOVO	DIAR SHALA	SILVER
1365	NATURE HEALS	ART	KOSOVO	LEARTA SALLAHU	BRONZE
1391	FIREFIGHTING ROBOT	SCIENCE	TANZANIA	AFTAB UDDIN	HONORABLE
1395	SAWDUST ELECTRIC FLOOR	SCIENCE	PAKISTAN	UMERA IKRAM - HIBA AHMED	SILVER
1411	GIFT	ART	KYRGYZSTAN	AMALI SASAZOVA	BRONZE
1419	TEARS OF DOLPHINS	ART	ETHIOPIA	ISMOIL KHOLMATOV	HONORABLE

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1427	BE A PART OF SOLUTION NOT POLLUTION!!!	SHORT FILM	KYRGYZSTAN	ALIJA TOLONOVA	SILVER
1440	ASSESSMENT OF THE ECOLOGICAL SIGNIFICANCE OF HYDROELECTRIC POWER STATIONS USING BIOMARKERS OF BIVALVE MOLLUSCS	SCIENCE	UKRAINE	YANA HRYTSYSHYN	BRONZE
1454	OLD TOWN FOR SALE	ART	SOUTH KOREA	LINDSAY CHOI	HONORABLE
1463	NOW AND THEN	ART	KYRGYZSTAN	ALIHAN ZULUMBEOV	BRONZE
1464	EARTH SOS	ART	KYRGYZSTAN	ALYMBEK KARIMOV	BRONZE
1484	THE STUDY OF PHYSICAL FACTORS AFFECTING HABITATS SUITABILITY FOR INCREASING GROWTH AND PRODUCTIVITY OF MUSSELS FOR FARMERS	SCIENCE	THAILAND	TANAKORN WONGAREE	GOLD
1485	PEOPLE ENDANGER THEMSELVES TO EXTINCTION	ART	TAJIKISTAN	MUBOSHIRKHON SHODIEV	SILVER
1499	PROGRESS IN EVOLUTION	CREATIVE WRITING	EGYPT	GANNA MOHAMED SAMEER SHEHATA MOHAMED ALZABLAZY	BRONZE
1523	DEVELOPMENT OF NEW BIOREMEDIATION TECHNIQUE USING COFFEE WASTE FUNGI FIBER MATRIX IN HEAVY METAL CONTAMINATED AREAS	SCIENCE	CONNECTICUT, UNITED STATES	YOON HA LEE	SILVER
1527	DEVELOPMENT OF SOIL REMEDIATION MODEL FOR CLOSED GAS STATION APPLICABLE IN EXTREME CLIMATE TEMPERATURE USING KIMCHI GOLMAJI AND MAKGEOLLI YEAST	SCIENCE	UNITED KINGDOM	JUNGHONG HUH	HONORABLE
1543	RED MIST IN AFRICA	CREATIVE WRITING	SOUTH AFRICA	IMTITHAAL MANUEL	BRONZE
1555	DETECTION OF POTENTIAL RESERVOIRS OF HANTA VIRUS IN PROTECTED AREAS THROUGH OF THE STUDY OF PELLETS OF TUCUQUERE (BUBO MAGELLANICUS) AND WHITE OWL (TYTO ALBA)	SCIENCE	CHILE	ALONSO ERAZO LAGOS-TYNDALL VOLOSKY DIAZ	SILVER

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1560	LITHIUM AND METFORMIN AS A COMBINATION THERAPY FOR POST TRAUMATIC BRAIN INJURY WITH DROSOPHILA MELANOGASTER	SCIENCE	NEW YORK, UNITED STATES	ZOEY MILLSTEIN	SILVER
1561	UNPACKAGE THE EARTH	CREATIVE WRITING	VIET NAM	LY QUYNH NGHI	HONORABLE
1577	IT'S A CYCLE	ART	SOUTH KOREA	EILEEN KIM	SILVER
1600	ACHILLEA MILLEFOLIUM AGAINST VERMIN	SCIENCE	IRAQ	AWS MUTHANNA SABEEH, ALI LATEEF SHAREEF ALBO ASHAM	HONORABLE
1614	THE OTHER SIDE OF THE ANCIENT GREAT PYRAMIDS OF GIZA	ART	EGYPT	EMINE SAADET UNAL	BRONZE
1628	LITTLE ACTIONS THAT COUNT	ART	VIET NAM	NGUYEN HOANG NGAN NHI	SILVER
1630	DOES A JURASSIC WORLD EXIST NEAR CALAMA? RECONSTRUCTING THE PALEOENVIRONMENT OF THE MEDIUM SUPERIOR MARINE JURASSIC IN CERRO CAMPAMENTO FORMATION CERRITOS BAYOS	SCIENCE	CHILE	BENJAMIN VARGAS FUENTES- JAVIERA CASTILLO ESPINOSA	BRONZE
1636	VOLUMETRIC ANALYSIS OF THE PRIMARY AND ASSOCIATIVE AUDITORY CORTEX IN PATIENTS WITH SCHIZOPHRENIA COMPARED TO HEALTHY CONTROLS AUDITORY HALLUCINATION SEVERITY AND AMPHETAMINE PRODUCED DOPAMINE RELEASE	SCIENCE	NEW YORK, UNITED STATES	MELISSA AMANTE	BRONZE
1642	A FRAIL RESONANCE	ART	VIET NAM	DO HONG DUNG	HONORABLE
1655	GROUNDIFY	BUSINESS	TEXAS, UNITED STATES	ARSHIA NARULA	GOLD
1660	A WHITE'S LIE	CREATIVE WRITING	VIET NAM	NGUYEN NGOC PHUONG LINH	SILVER
1669	MAKE PEACE NOT PIECES	ART	VIET NAM	DANG DOAN THUC ANH	SILVER
1690	GREEN DAY FOR SUGARCANE	SHORT FILM	VIET NAM	PHAM HIEN NHI - NGUYEN HO TUE SAN	HONORABLE

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1691	SAVE OUR WORLD	MUSIC	VIET NAM	NGUYEN NGOC TAM NHU - TRAN MAI KHANH - NGUYEN LE TUE ANH	SILVER
1713	LET'S BUILD A GREENWALL TOGETHER	SHORT FILM	VIET NAM	VU KIEU NHI - NGUYEN HOANG LONG	HONORABLE
1720	A NOVEL GREEN SYNTHESIS OF CARBON MATERIALS FROM RENEWABLE RESOURCES FOR ZINC CARBON BATTERY APPLICATIONS VIA PYROLYSIS.	SCIENCE	MALAYSIA	MUHAMMAD AFFA BIN KHAIRIL AZIZIE- MUHAMMAD ADAM BIN KAMARUL AZMAN	HONORABLE
1724	DRAW A GREEN LINE FOR BETTER FUTURE ENVIRONMENT	SHORT FILM	VIET NAM	NGUYEN VU NAM DUONG - HUYNH NGUYEN KHANG	BRONZE
1744	PLAMBOS: PLASTIC (HDPE) TAMBO (THYSANOLAENA MAXIMA) AND SAWDUST PARTICLEBOARD	SCIENCE	PHILIPPINES	LLOYD STEVEN MEQUIABAS- TRIXIE JARLEGO	BRONZE
1747	HUMMANITY?	CREATIVE WRITING	MEXICO	MARIA FERNANDA PETERNELL VILLALOBOS	HONORABLE
1750	EPHEMERAL BEAUTY	CREATIVE WRITING	MEXICO	NATALIA SANTILLAN CABRERA	BRONZE
1753	DEVELOPMENT OF HIGH PRECISION LONG RANGE FOREST RESTORATION CAPSULE MIMICKING THE EXTERNAL STRUCTURE OF WATER CALTROP.	SCIENCE	THAILAND	PACHARA ORANRIKSUPUK- PRYNN JITTIPHALANGSRI	BRONZE
1758	RETENTION AND TRANSFORMATION SYSTEM OF POLLUTING SUBSTANCES GENERATED BY THE GASOLINE AUTOMOBILE	SCIENCE	MEXICO	MARTIN MORALES TREJO	BRONZE
1775	PRODUCING ENVIORNMENTALLY FRIENDLY CONSTRUCTION MATERIAL BY RECYCLING CEMENT DUST WITH RAW MATERIALS	SCIENCE	JORDAN	MOHAMMAD ALTHNAIBAT- SALLY ASKALAN	HONORABLE
1780	SILENCE	SCIENCE	JORDAN	HAMZEH ARABIYAT- OMAR ARAFEH	SILVER
1828	KEEP SUSTAINABLE DEVELOPMENT IN VIET NAM	ART	VIET NAM	LE ANH DAN KHUE	GOLD

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1833	FRAGILE REALITY	ART	MACAU	KA WAI CHOI	GOLD
1838	WE ARE ONE	MUSIC	NEW YORK, UNITED STATES	DERRICK TANYHILL	HONORABLE
1845	OUR WORLD....OUR FUTURE?	ART	SOUTH CAROLINA, UNITED STATES	NATALIA HALACHEV	HONORABLE
1848	POST QUANTUM CRYPTOGRAPHY	SCIENCE	BRAZIL	HENRIQUE VIEIRA DOS SANTOS GUERRA	HONORABLE
1886	INCREASING EFFICIENCY IN RECYCLING OF MARINE PLASTIC WASTE USING ION ANALYSIS AND IONIC ELECTRICITY REGENERATION	SCIENCE	SOUTH KOREA	YUJEAN CHOI	HONORABLE
1894	STOP THE FIRES	ART	MEXICO	ARLETTE KARIM MALDONADO HERNADEZ	HONORABLE
1904	JAKARTA NEW YEAR'S EVE	CREATIVE WRITING	INDONESIA	ANAYALLAH RAMPAK MAYESHA	HONORABLE
1905	HOW DARE YOU?	ART	CALIFORNIA, UNITED STATES	IONA XIA	HONORABLE
1924	IT COULD HAVE BEEN DIFFERENT	ART	MEXICO	SILVANA HERRERA	HONORABLE
1932	TARGETING DLL3 IN NEUROENDOCRINE PROSTATE CANCER	MUSIC	INDONESIA	ANGELINA PUTRI DEZANA	SILVER
1934	SEA'S MILK (AUTHENTIC TASTE OF TERMINALIA CATAPPA)	BUSINESS	INDONESIA	DE AXELL LOVY NUGROHO- JESICA YULIANTO	SILVER
1941	BOTTLED REALITY	ART	SOUTH KOREA	JOSHUA KUM	GOLD
1951	ECOTOPIA (ECO BATIK CLOTH FROM PINEAPPLE FIBER)	BUSINESS	INDONESIA	NAYYA HUMAIRA PUTRI- NAFLA AZZAHRA	BRONZE
1961	FIRE BREATHING NATURE	ART	INDONESIA	ASMARANDHANA KANESHIA MASANANTA	HONORABLE

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1968	THE LETTER	CREATIVE WRITING	GEORGIA	ANNA AMILAKHVARI	BRONZE
1978	LIFE AFTER WARMING	ART	KOSOVO	ERZA SUMA	BRONZE
1993	PEST EARLY DETECTION IN GREENHOUSE USING MACHINE LEARNING	SCIENCE	VIET NAM	MINH NGUYEN- ANH NGUYEN TUAN	HONORABLE
2000	OBLIVION	ART	SOUTH AFRICA	BILQEES ABDURAHMAN	BRONZE
2002	INNOVATION IN THINKING BECOMES A NEW FUTURE	ART	ROMANIA	COSMINA STEFANIA BORANGIC	BRONZE
2005	RIPPLE IN PARADISE	ART	SOUTH AFRICA	SAMEENAH ABDURAHMAN	HONORABLE
2012	AN ARTIFICIAL PLANET	CREATIVE WRITING	SOUTH AFRICA	AMEERA EBRAHIM	HONORABLE
2033	INVESTIGATIONS OF STRUCTURAL PLASTICS PROPERTIES WHICH ARE FILLED WITH WASTED POLYETHYLENE	SCIENCE	UKRAINE	OLEKSANDRA VASARAB KOZHUSHNA	BRONZE
2035	SYNTHESIS AND CHARACTERIZATION OF MUSCOVADO AND SEGUNDA SUGAR DERIVED CARBON QUANTUM DOTS	SCIENCE	PHILIPPINES	FRANCES CLAIRE OLOROSO- DANIELLE MAXENE MACAPAGAL	GOLD
2037	FANTASY PARADISE	CREATIVE WRITING	SOUTH AFRICA	ZARA DEVA	HONORABLE
2047	CLEANING WATER WITH BIOSORBENTS: OLIVE SEED	SCIENCE	MACEDONIA	BORIS NOCHESKI- ANDREJA POPOVIKJ	HONORABLE
2058	BEAUTY THROUGH THE DECAY	ART	NEW YORK, UNITED STATES	ERMINE REDDOCK	BRONZE
2099	DAYS IN HELL	CREATIVE WRITING	ANGOLA	EDGAR DOMBAXI	BRONZE
2101	KUWA MABADIKO	CREATIVE WRITING	ANGOLA	LUVINIA ANDRE	HONORABLE
2115	SUCCESSION	CREATIVE WRITING	TEXAS, UNITED STATES	AREEBAH OYSHE	BRONZE

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2162	FABRICATION OF NOVEL ELECTRODE DEVELOPED BY MODIFIED GRAPHENE OXIDE WITH L CYSTEINE DEPOSITED ON IRON NANOPARTICLE FOR ENHANCING THE ELECTRICITY GENERATION FROM MFCS	SCIENCE	THAILAND	VIRGINIA MANUSPIYA - NARAVIT LIKITRUJANONT	HONORABLE
2166	APPLICATION OF MACHINE LEARNING TECHNIQUE ASSISTED PREDICTION OF BIOACTIVITIES OF LIGANDS IN TARGETED DRUG DISCOVERY PROCESS OF LUNG CANCER FOR EGFR TARGET	SCIENCE	THAILAND	NATTHAKAN SAENGNI- PURI VIRAKARIN	GOLD
2172	NOAH`S ARK SAVIOR	ART	MACEDONIA	ASIM ENVER BOYAR	SILVER
2189	COMBATING BACTERIAL BIOFILM	SCIENCE	TEXAS, UNITED STATES	SHRIYA BHAT	SILVER
2196	PROJECT OF AUTONOMOUS WATER PURIFICATION PLANT FOR A SEPARATE HOUSEHOLD USING MBBR TECHNOLOGY AND PET CAPS AS BIOFILM CARRIER	SCIENCE	UKRAINE	MARIIA NOVIKOVA- NIKITA TOVSTOPIAT	HONORABLE
2208	AN EXPEDITIOUS DIAGNOSIS OF CLOSTRIDIUM DIFFICILE INFECTION TO AID IN PUBLIC HEALTH: EXTRAPOLATING ENTEROTOXINS EXCRETED BY CLOSTRIDIUM DIFFICILE FROM FECAL MATTER	SCIENCE	TEXAS, UNITED STATES	ANAY GUPTA	BRONZE
2209	ELECTRONIC AQUAPONICS SYSTEM	SCIENCE	ZIMBABWE	GABRIEL MATEMBA	SILVER
2228	RADIOACTIVE POLLUTION	ART	VIET NAM	VO TRAN BAO HOA	GOLD
2230	A LETTER FROM THE OCEAN THE WORLD WE LIVE IN	CREATIVE WRITING	ILLINOIS, UNITED STATES	JEANNIE KIM	GOLD
2239	MISCANTHUS SINENSIS (SILVER GRASS) FIBER AS ECO FRIENDLY SORBENT BAG FOR OIL SPILL CLEAN UP	SCIENCE	PHILIPPINES	ZEPEDA MICKLARE ANGELO	GOLD
2245	THE CRY OF THE FORGIVER	CREATIVE WRITING	ANGOLA	JOALINE SEBASTIAO	BRONZE
2259	EDUCATE FOR THE CHANGE	ART	ANGOLA	CHALEENA SILVA	BRONZE
2278	WE ARE STILL ON TIME	SHORT FILM	ALBANIA	ELMER DEMA	HONORABLE

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2292	STUDY OF AGREGATION OF NATURAL EXTRACTS TO BIOMULCHING TO ITS USE IN THE AGRICULTURE AS A WAY OF PREVENTION AND PEST CONTROL	SCIENCE	BRAZIL	MATEUS COLOMBO	SILVER
2294	DECOMPOSING HEATING SYSTEM	SCIENCE	SWEDEN	IRIS HOFFSTEIN, ELLEN HOFFSTEIN	HONORABLE
2306	CCBV CELLULAR CHARGER FOR BUSES AND VESSELS: A STUDY OF THE APPLICABILITY OF PHOTOVOLTAIC CONVERSION PHASE II	SCIENCE	BRAZIL	THEO CESAR BOTELHO	HONORABLE
2312	THE NATURE WE HAVE DESTROYED	ART	BANGLADESH	MORIOM SHUROVI	BRONZE
2326	LIVE AND LEARN	CREATIVE WRITING	INDONESIA	ANNABELLE QETSYAH PUTRI SETYAWAN	HONORABLE
2327	ENHANCED ADSORPTION OF DYE AND HEAVY METAL USING BURNT RICE HUSK WITH CHEMICAL AND MICROWAVE ACTIVATIONS	SCIENCE	THAILAND	SUPAWAN SUPIYAPHAN-METIYA CHUAJAN	HONORABLE
2353	OVER THE HEAD	ART	NEW YORK, UNITED STATES	HUDA ALI	HONORABLE
2360	WATER AND NATURE IS LIFE	ART	KOSOVO	ALTINA MAQANI	HONORABLE
2361	DREAMING FOR A BETTER FUTURE	ART	KOSOVO	JONA ESHREFI	SILVER
2362	ACHIVEING OUR DREAMS FUTURE	ART	KOSOVO	ARSA MUSTAFA	BRONZE
2365	4D DISTRACTED DRIVER DETECTION DEVICE	SCIENCE	TEXAS, UNITED STATES	ANANYA SRIDHAR	SILVER
2378	REVOLUTEA	BUSINESS	INDONESIA	EMBUN TABITHA SUSWANDARI- TSALISA CAMILA RAHMANIA PUTRI	GOLD
2379	THE RUBY MOVEMENT	BUSINESS	INDONESIA	DANISWORO LAKSMI NARESWARI- AISYAH ALI	HONORABLE
2384	PLANT TREES SAVE LIVES	ART	INDONESIA	MUHAMAD NAUFAL DARY NUGRAHA	BRONZE

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2390	BUZZWRAP	BUSINESS	INDONESIA	DHEA ANGELIKA AGINTA- KEYSHA NAFAKHNA DELICIA SIMBOLON	BRONZE
2391	HOURGLASS	ART	INDONESIA	CLARINTA PUTRI HUTOMO	BRONZE
2392	I CARE	SHORT FILM	INDONESIA	MUSDALIFAH BUSTANI AMAT- SEKAR HAYUMI HARDIYANTI	HONORABLE
2396	BEAUTIFUL NATURE AND OUR FUTURE	ART	KOSOVO	DESHIRE DURMISHI	SILVER
2399	FUTURE FOR EVERY CREATURE	ART	KOSOVO	ADORA ALIDEMAJ	HONORABLE
2403	RECYCLED BAGS AND GADGETS	ART	KOSOVO	MOREA MUHAXHIRI	HONORABLE
2405	FASHION OF RECYCLING	ART	KOSOVO	RINA MAQANI	SILVER
2417	LITORAL LIBRAS: COMMUNICATIVE ACCESSIBILITY PROMOTION THROUGH THE DEVELOPMENT OF A VIRTUAL LEARNING PLATFORM OF BRAZILIAN SIGN LANGUAGE (LIBRAS)	SCIENCE	BRAZIL	ANA CLARA JARDIM DA SILVA	BRONZE
2418	MOTHER NATURE	ART	SOUTH AFRICA	IREM BETUL OZ	BRONZE
2426	ECONOMICAL AND RENEWABLE BIOETHANOL PRODUCTION FROM WASTE BANANA PEELS	SCIENCE	MINNESOTA, UNITED STATES	RICHARD XIONG	HONORABLE
2434	SEA LIFE	ART	JORDAN	MOHAMMAD SHAHIN	HONORABLE
2447	YOU CHOOSE YOUR OWN DESTINY CHOOSE WISELY	ART	MACEDONIA	ANASTASIJA DONCHEVSKA	BRONZE
2476	THE RECRUIT	CREATIVE WRITING	GEORGIA, UNITED STATES	CLAIR SNELGROVE	HONORABLE
2514	3D PRINTED BIONIC ARM	SCIENCE	MACEDONIA	ORHAN BAGASHOV- TEO KITANOVSKI	BRONZE
2523	LETTERS TO DRAKE	CREATIVE WRITING	THAILAND	YANITTA IEWWONGCHAROEN	SILVER

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
2529	POEMS FOR GENIUS OLYMPIAD	CREATIVE WRITING	UKRAINE	SOFIA VANESSA CASTILLO KOZHUJOVSKAYA	BRONZE
2537	ENGINEERING A DESICCANT DRIVEN SELF CONTAINED SOLAR DISTILLATION SYSTEM TO COLLECT DRINKING WATER FROM THE ATMOSPHERE	SCIENCE	NEW MEXICO, UNITED STATES	RYAN HELMER	BRONZE
2546	IN ASHES OF INACTION	ART	NORTH CAROLINA, UNITED STATES	AYLIN CHOLAK	SILVER
2547	EFFECT OF CO2 EMISSION AND GLOBAL WARMING ON THE EFFECTIVITY OF SOLAR HEATERS	SCIENCE	LITHUANA	LAURYNAS GRIGAS, VILIUS VAKARIS BUCIUNAS	HONORABLE
2553	DITCH DAT!	BUSINESS	HAWAII, UNITED STATES	SUMMER ROYAL- THOMAS NOOCHAN	SILVER
2567	MULTIFUNCTIONAL BIODEGRADABLE POLYMERS FOR ENVIRONMENTAL APPLICATIONS	SCIENCE	ALABAMA, UNITED STATES	ASHWIN PRABHAKAR	GOLD
2582	DEEP SLEEP	SHORT FILM	IRAQ	BAREQ KAREEM SHIMAL AL TAMEEMI, ALI ABDULKAREEM ABBAS	HONORABLE
2603	OPEN YOUR EYES AND DO SOMETHING TODAY	ART	MEXICO	ARANTZA CRUZ GUERRERO	BRONZE
2611	CAUGHT IN THE MIDDLE	ART	CANADA	XINGCHEN GUO	HONORABLE
2614	WHAT EFFECT DO ARTIFICIAL SWEETENERS ASPARTAME SACCHARIN SUCRALOSE AND NATURAL SWEETENERS STEVIA AND GLUCOSE (SUGAR) HAVE ON THE NORMAL FLORA (LACTOBACILLUS SP.) OF THE SMALL INTESTINE?	SCIENCE	MINNESOTA, UNITED STATES	AILI BUYTAERT	BRONZE
2618	WE CHOOSE OUR FUTURE	SHORT FILM	MACEDONIA	SENIHA ESLEM AYDOGDU- MIHAELA ZANEVA	HONORABLE
2629	ECOBOARD	SCIENCE	BRAZIL	JULIA OSCAR DESTRO- LUCAS OLIVEIRA DE LIMA	GOLD

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
2631	DAILY NOISE	CREATIVE WRITING	MASSACHUSETTS, UNITED STATES	JUNGSUK LEE	HONORABLE
2634	EXPOSING THE DANGERS OF NANOPARTICLES WITH TARDIGRADES	SCIENCE	CANADA	FURQAAN SHAIKH	BRONZE
2642	THE OLD WORLD	CREATIVE WRITING	CANADA	IMAN RAGHE	GOLD
2646	IGNORANCE BROUGHT THE DEATH OF US	CREATIVE WRITING	CANADA	SARAH SYED	HONORABLE
2664	LUNGSTAT: IMPROVING EARLY STAGE LUNG CANCER DIAGNOSTIC ACCURACY THROUGH AN INTEGRATIVE DEEP LEARNING ALGORITHM AND AN ANALYSIS OF NSCLC BIOMARKERS	SCIENCE	TEXAS, UNITED STATES	KAUSTUBH SONAWANE-ADITYA RAI	SILVER
2682	PET SMART	SCIENCE	ROMANIA	ANDREI MARIN-ALEXANDRU JAMBORI	HONORABLE
2683	ANTIBACTERIAL AND ANTICARCINOGENIC EVALUATION OF COMMERCIAL CALENDULA OFFICINALIS AND TARAXACUM OFFICINALE	SCIENCE	TURKEY	HALIT OZGER- KEREM CANSEVER	HONORABLE
2684	FREEDOM TO BREATHE	SHORT FILM	INDONESIA	JEAN SALWA IMANAMI-YARISTHA TABINA ANISYA	BRONZE
2686	BOILING POINT	ART	INDONESIA	ADZWA NUZAYH SALIM	HONORABLE
2714	BE THE SOLUTION NOT THE POLLUTION	SHORT FILM	ALBANIA	ARGISA TROKA- JASMINA XHELO	BRONZE
2729	INTEGRATED AGRICULTURAL SYSTEM: INTRODUCTORY ALTERNATIVE TO FAMILY FARMING IN REGIONS OF GEOGRAPHIC AND PHYSICAL LIMITATIONS	SCIENCE	BRAZIL	CAIO SOUZA	BRONZE
2744	DEFORESTATION	ART	TAJIKISTAN	DODIKHUDO NAZARZODA	HONORABLE
2747	SOCIAL MEDIA ADDICTION	ART	TAJIKISTAN	FARRUKH RAHMON	HONORABLE
2796	EVALUATION OF WOOD PLASTIC COMPOSITES PRODUCTION OF CHESTNUT SHELL	SCIENCE	IRAQ	MUSTAFA HIJIRAN K. ALDABBAGH, IBRAHIM KHALID A. SADIQ	HONORABLE

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2797	EARTH IS WHAT WE ALL HAVE IN COMMON	SHORT FILM	KOSOVO	ELTON FERATI- MILOT QORROLI	HONORABLE
2799	THE EFFECT OF PLASTIC ON TURTLES	CREATIVE WRITING	SOUTH KOREA	JOSHUA KUM	GOLD
2811	IDENTIFICATION OF NOVEL EXTRACELLULAR VESICLE PLASMA AND TUMOR MIRNAS FOR RAPID INEXPENSIVE DETECTION OF LUNG CANCER	SCIENCE	VIRGINIA, UNITED STATES	PERISA ASHAR	HONORABLE
2851	IT'S OUR WORLD	MUSIC	ANGOLA	CRISTIANE IDALECIA NETO PACIENCIA	BRONZE
2888	MOTHER(NATURE) TO CHILD	CREATIVE WRITING	NEW YORK, UNITED STATES	ELIZABETH SHVARTS	GOLD
2893	BIOPLASTIC FROM WATER HYACINTH	SCIENCE	THAILAND	TANYANAT RUANSOONG-SIRIWUT SIRIPROMSOMBUT	GOLD
2894	NANOCELLULOSE CARBON SUPERCAPACITOR PREPARED FROM CORN WASTES	SCIENCE	THAILAND	MANCHARAT TANGTRONGKIJCHAROEN	BRONZE
2897	COMMITMENT TO SUSTAINABLE DEVELOPMENT	SCIENCE	ARGENTINA	ANASTASIA KOROLL	HONORABLE
2929	QUANTIFYING CO2 FLUX FROM DECOMPOSITION OF SOIL ORGANIC MATTER AND GRASS DURING THE WINTER SEASON	SCIENCE	WASHINGTON, UNITED STATES	SHREYA MEHTA	HONORABLE
2930	OXIDATION OF 14 DIHYDROPYRIDINES BY OXONE	SCIENCE	LATVIA	DZONATANS MIKS MELGALVIS- EDVARDS JANIS TREIJS	SILVER
2931	MANIPULATING PROCHLOROCOCCUS ALGAE FOR IMPROVED CO2 FIXATION AND TEMPERATURE RESILIENCE: VALIDATED BY GENETIC COMPARISON	SCIENCE	UTAH, UNITED STATES	AIDEN PASINSKY	SILVER
2932	USE OF APPLE JUICE AS A NATURAL MORDANT IN VARIOUS MODES OF DYEING OF WOOL FIBRES WITH HERBAL DYES	SCIENCE	LATVIA	EVELINA RUDZITE	BRONZE
2938	'TAPPING CLEAN ENERGY' ONE STEP AT A TIME	SCIENCE	MINNESOTA, UNITED STATES	ABDURRAHMAN LODHI	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
2944	MULTILAYERED SOUND INSULATION DEVICE	BUSINESS	WASHINGTON, UNITED STATES	SARAH WAN	HONORABLE
3946	EARTHQUAKE MAGNITUDE AND B VALUE PREDICTION MODEL USING EXTREME LEARNING MACHINE	SCIENCE	INDIA	GUNBIR BAVEJA- KARTIKAY SHARMA	BRONZE
3948	PRODUCTION OF BANANA PAPER FROM BANANA STEM CHIPS TO REDUCE THE RISE IN GLOBAL WARMING	SCIENCE	GHANA	AUSTIN ATIASE DELADEM - NTOW ATTRAMS	HONORABLE
3950	ACCESSIBLE CORRELATIVE DIAGNOSTIC TELEMEDICINE SOLUTION FOR MULTI ORGAN DYSFUNCTION CAUSED BY SARS COV 2	SCIENCE	CALIFORNIA, UNITED STATES	GATIK TRIVEDI	BRONZE
3952	IMPERVIOUS SURFACES AND STREAM HEALTH FACTORS: A STUDY USING MACHINE LEARNING AND MULTIVARIATE STATISTICAL ANALYSIS	SCIENCE	VIRGINIA, UNITED STATES	LYNN TAO	BRONZE
3958	EFFECTS AND SOURCES OF DIOXINS AND FURANS IN BENTHIC ORGANISMS AT THE NEWTOWN CREEK SUPERFUND SITE	SCIENCE	PENNSYLVANIA, UNITED STATES	SARANYA ANANTAPANTULA	SILVER
3960	THE IMPLICATIONS OF THE WIDE AREA AUGMENTATION SYSTEM (WAAS) ON CONSUMER DEVICES	SCIENCE	CALIFORNIA, UNITED STATES	SIDDARTH KOLLA	SILVER
3961	DEVELOPMENT OF A TOOL FOR TREATMENT OF SURFACES WITH PLASMA	SCIENCE	SLOVENIA	TIAN KLJUCANIN- NIKOLAJ IVAN KRASEK- Domen Jurkovic	HONORABLE
3962	PANDWRITING: AN ACCESIBLE PARKINSON'S AND ALZHEIMER'S NOVEL DIAGNOSTIC FRAMEWORK USING VISION BASED HANDWRITING KINEMATIC ANALYSIS AND MACHINE LEARNING	SCIENCE	VIRGINIA, UNITED STATES	RON NACHUM	SILVER
3968	SANJEEVANI: A NOVEL AUTOMATED SYSTEM FOR HOSPITAL ACQUIRED INFECTION MONITORING AND PREVENTION	SCIENCE	OREGON, UNITED STATES	SAMYAK SHRIMALI	BRONZE
3981	MOBILE OPERATED SMART IRRIGATION SYSTEM	SCIENCE	INDIA	SUJAL BHUVA	HONORABLE
4006	THE WORLDLY	ART	CHINA	QINGYU ZHU	SILVER
4007	INVESTIGATING THE USE OF CERATOPTERIS RICHARDII IN REMOVING POLYCYCLIC AROMATIC HYDROCARBONS	SCIENCE	NEW YORK, UNITED STATES	SASIRU PATHIRANAGE- NATALIE POPILEVSKY	SILVER

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4008	EVALUATING THE EFFECTS OF TROPICAL STORM ISAIAS ON WATER QUALITY IN SELECTED RURAL AREAS OF VERMONT AND NEW HAMPSHIRE USA.	SCIENCE	NEW YORK, UNITED STATES	ALICE FRIED	BRONZE
4009	SIZE OPTIMIZATION OF GOLD NANOPARTICLES FUNCTIONALIZED ON PEMFC INTERFACES TO INCREASE POWER EFFICIENCY	SCIENCE	NEW YORK, UNITED STATES	BENJAMIN SHERMAN	SILVER
4010	DEVELOPMENT OF A NOVEL MACHINE LEARNING ALGORITHM IN BIOMOLECULES AND DRUGS FOR PREDICTING MOLECULAR SURFACE AREA: APPLICATIONS IN LONG QT SYNDROME AND NEURODEGENERATIVE DISEASES	SCIENCE	NEW YORK, UNITED STATES	NOURALDEEN IBRAHIM-SHAWN LOKSHIN	GOLD
4013	PLASTICIZERS: THE EFFECTS OF PHTHALATES (DEHP) VS. BIOLOGICAL SUBSTITUTE (DOTP) ON AQUATIC BIOTA	SCIENCE	KENTUCKY, UNITED STATES	KRISH GUPTA	HONORABLE
4018	SHELTER IN THE SEA	ART	SOUTH KOREA	JINHO SON	SILVER
4019	POLYFIRE	BUSINESS	CALIFORNIA, UNITED STATES	ISABELLA HE- MINGXIN WANG	GOLD
4020	OPEN OFFICE NOISE DISRUPTS WORKER FOCUS SATISFACTION AND PERCEPTION OF PRODUCTIVITY A QUASI EXPERIMENTAL FIELD STUDY	SCIENCE	NEW YORK, UNITED STATES	VICTOR LAVAGLIA	HONORABLE
4022	DOES ADDING HOUSEHOLD ORGANIC WASTE TO A MICROBIAL FUEL CELL ENHANCE ELECTRICITY PRODUCTION AND IF SO BY HOW MUCH?	SCIENCE	LOUISIANA, UNITED STATES	ESHIKA TANDON	HONORABLE
4026	CAN SUCCULENTS BE USED TO EXTINGUISH WILDFIRES?	SCIENCE	WASHINGTON, UNITED STATES	MARIA HERRERA	HONORABLE
4031	NOVEL METHOD FOR REMOVING HEXAVALENT CHROMIUM FROM CONTAMINATED WATER USING A LOW COST BIODEGRADABLE CHITOSAN DIATOMACEOUS EARTH	SCIENCE	OHIO, UNITED STATES	JOHAN DEMESSIE	SILVER
4035	DISCOVERING PREDICTIVE GENE SIGNATURES IN BRCA PATIENTS VIA A NOVEL HIERARCHICAL BAYESIAN BOOLEAN MATRIX FACTORIZATION FRAMEWORK	SCIENCE	NEW YORK, UNITED STATES	EDUARDO RAMIREZ	HONORABLE

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4036	REINFORCED LIGNIN FOAMS WITH HIGHER ADSORPTION CAPABILITIES	SCIENCE	MISSISSIPPI, UNITED STATES	JESSICA YAN	SILVER
4037	A PROMISE TO KEEP	CREATIVE WRITING	VIRGINIA, UNITED STATES	LYNN TAO	SILVER
4038	DEEP NEURAL NETWORK ANALYSIS OF CLINICAL VARIABLES PREDICTS ICU CARE IN COVID19 PATIENTS	SCIENCE	NEW YORK, UNITED STATES	JOYCE LU	SILVER
4046	SPIRA MIRABILIS 2: OPTIMIZING THE PERFORMANCE OF LOGARITHMIC SPIRAL WIND TURBINE	SCIENCE	CALIFORNIA, UNITED STATES	JORDAN PRAWIRA	GOLD
4047	EASTERN SKUNK CABBAGES: A NATURAL AND SUSTAINABLE SOLUTION FOR COMBATING BANK EROSION	SCIENCE	VIRGINIA, UNITED STATES	CHELSEA HU	GOLD
4053	SPARKS SMART SMART PARKINSONS STRAP	SCIENCE	TEXAS, UNITED STATES	ANUSHKA SRIDHAR	SILVER
4057	FUTURE IS IN OUR HAND	ART	CHINA	WONJAE KO	BRONZE
4059	THE LAST BEGINNING	ART	PENNSYLVANIA, UNITED STATES	NICHOLAS SHIN	GOLD
4065	SMART STREELIGHT	ART	MASSACHUSETTS, UNITED STATES	EUNSOO KIM	SILVER
4084	THE VALIDATION OF ELECTRODERMAL ACTIVITY AS AN OBJECTIVE MEASUREMENT OF GENERALIZED ANXIETY DISORDER IN ADOLESCENTS	SCIENCE	NEW YORK, UNITED STATES	CHARLES BROWN	BRONZE
4090	THE GOLDEN COIN	SHORT FILM	ALBANIA	KELVIN BYLYKU	BRONZE
4092	RACE VS. EMOTION: EVALUATING WHICH IS THE MORE PREDOMINANT BIAS WHEN USING AN ATTENTIONAL TASK	SCIENCE	NEW YORK, UNITED STATES	LEELA ROYE	GOLD
4094	LOOK AT THE SKY MOMMY! / AS LONG AS IT STAYS AROUND FOR ME	CREATIVE WRITING	NEW JERSEY, UNITED STATES	JAMIE KIM	SILVER
4098	DEVELOPMENT OF NOVEL BLOCKS USING MARTIAN SOIL AND MYCELIUM FOR SPACE INFRASTRUCTURE CONSTRUCTION	SCIENCE	NEVADA, UNITED STATES	AARON LEE	SILVER
4101	AN ENSEMBLE METHOD FOR RANKING CANCERS TO TARGET KIF19	SCIENCE	NEW YORK, UNITED STATES	ISABELLE BALACHANDRAN	GOLD

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4104	I TREE TRACKING OF CARBON IN WARD ACRE PARK	SCIENCE	NEW YORK, UNITED STATES	JACQUELINE CEJA	HONORABLE
4105	DEVELOPMENT OF AN EXPEDITED DATA ANALYSIS METHOD FOR CARBON NANOTUBE BIOSENSORS	SCIENCE	NEW YORK, UNITED STATES	KIERAN FREED	BRONZE
4107	MEASURING THE PREDICTIVE VALUE OF 3D PLACENTAL MESHES ON BIRTHWEIGHT VARIABILITY	SCIENCE	NEW YORK, UNITED STATES	ELLA HARSHMAN	SILVER
4109	HOW HAS QUARANTINE AFFECTED DEPRESSION IN ADOLESCENTS AND YOUNG ADULTS	SCIENCE	NEW YORK, UNITED STATES	JACK MCCORMICK	BRONZE
4111	MOLECULAR WEIGHT CHARACTERIZATION OF TRASTUZUMAB ANTIBODY FRAGMENTS	SCIENCE	NEW YORK, UNITED STATES	ANDRES NUNEZ	SILVER
4115	THE EFFECT OF THE COVID 19 LOCKDOWN ON TRAFFIC AND ITS RELATIONSHIP WITH AIR QUALITY IN THE BRONX NEW YORK	SCIENCE	NEW YORK, UNITED STATES	LEYLA SELMAN	HONORABLE
4117	UNDERSTANDING POLITICAL POLARIZATION SOCIAL MEDIA BEHAVIOR IN RELATION TO POLITICAL BELIEFS CONFORMITY AND INTOLERANCE	SCIENCE	NEW YORK, UNITED STATES	LILY SPERTUS NEWMAN	HONORABLE
4119	QUANTITATIVE ASSESSMENT OF HEMATOPOIETIC STEM CELL REGENERATION	SCIENCE	NEW YORK, UNITED STATES	JULIA YANG	SILVER
4123	HYDROPURE WATER FILTER	SCIENCE	CHINA	TERRY CHEN	BRONZE
4124	HOME GREEN SMART GARDENING SYSTEM	BUSINESS	CHINA	TERRY CHEN	HONORABLE
4126	INDIVHEAR AN INEXPENSIVE SMARTPHONE BASED INDIVIDUALIZED ADAPTIVE HEARING AID USING DEEP LEARNING	SCIENCE	INDIA	SARTHAK MANGLA	GOLD
4128	DEVELOPMENT OF A COMBINATORY FILTRATION SYSTEM FOR POLLUTION AND VIRUS ABATEMENT	SCIENCE	FLORIDA, UNITED STATES	ISHIKA NAG	SILVER
4131	LEGACY	SHORT FILM	KYRGYZSTAN	AZIM AIDAROV- ARTUR AIDAROV	BRONZE
4133	IDENTIFICATION OF GENE EXPRESSION SIGNATURES AS POTENTIAL NOVEL BIOMARKERS IN MALIGNANT MELANOMA	SCIENCE	NEW YORK, UNITED STATES	STEPHANIE FIGUEROA REYES	SILVER

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4139	THE OCCURRENCE OF ANTIBIOTIC RESISTANT GENES IN THE SCHUYLKILL WATERSHED	SCIENCE	PENNSYLVANIA, UNITED STATES	ABBY ROBINSON	HONORABLE
4145	A TICKING TIME BOMB	SHORT FILM	VIET NAM	TRAN XUAN ANH KHUE-NGO GIA NGHI	GOLD
4146	THE CAGE	SHORT FILM	VIET NAM	LY VINH HOA - TRAN CAO GIA BAO	HONORABLE
4148	LACTUCA SATIVA VAR CAPITATA RESPONSE TO HYDROPONICALLY INTRODUCED MYCORRHIZAE	SCIENCE	MISSOURI, UNITED STATES	HANNAH CHRIST	BRONZE
4149	ISOLATION AND IDENTIFICATION OF ANTIBIOTIC COMPOUNDS FROM SOIL FOUND IN SUBURBAN PUBLIC PARKS	SCIENCE	MISSOURI, UNITED STATES	LANITA DEVINE	SILVER
4150	EFFICIENCY OF LASER INDUCED HB11 FUSION REACTION UNDER VARYING METHODS OF KILOTESLA MAGNETIC CONFINEMENT	SCIENCE	MISSOURI, UNITED STATES	ETHAN DUNSWORTH	BRONZE
4154	DEVELOPMENT OF A MOBILE APPLICATION CALLED 'A MAP OF PLANT ALLERGENS'	SCIENCE	UKRAINE	OLEKSANDRA BALYTSKA	HONORABLE
4155	OBTAINING ALTERNATIVE ENERGY FROM TREE FLUCTUATIONS	SCIENCE	UKRAINE	OLENA KOVALENKO	SILVER
4156	PLASTIC WASTE A CENTURY THREAT	SHORT FILM	VIET NAM	LE HOANG KHANG - DINH NGOC GIA MINH	SILVER
4159	IN SILICO RESEARCH OF THE POTENTIAL ROLE OF A NUMBER OF COMPOUND CLASS N ACYLETHANOLAMINES AS INHIBITORS OF E PROTEIN OF CORONAVIRUS SARS COV 2	SCIENCE	UKRAINE	ADAM TRACH	HONORABLE
4168	IMPACT OF HEAT STRESS ON LIPID PEROXIDATION AND ASCORBATE PEROXIDASE ACTIVITY IN NICOTIANA TABACUM	SCIENCE	UKRAINE	OLEKSANDR SHARLAI	BRONZE
4171	SURVIVAL	SHORT FILM	UNITED KINGDOM	PHELPS TIN	GOLD
4172	PANCAN DIAGNOSED (A MIRNA APPROACH): USING FEATURE SELECTION ENSEMBLE ALGORITHMS AND INTERPRETABILITY FOR THE EARLY DIAGNOSIS AND PERSONALIZED TREATMENT OF PANCREATIC CANCER	SCIENCE	INDIANA, UNITED STATES	SIYA GOEL	GOLD

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4175	USING MACHINE LEARNING TO PREDICT THE CHANCES OF DEVELOPING DIABETES BASED ON POPULATION LEVEL FACTORS	SCIENCE	INDIANA, UNITED STATES	SHREYAS SHAKHAMOORI	HONORABLE
4178	SAVE THE EARTH	ART	MOZAMBIQUE	KHENSANI REGINALDO CLADUIO PENE	BRONZE
4190	ANALYSIS OF COVID19 MISINFORMATION ORIGIN AND CURE NARRATIVES	SCIENCE	WASHINGTON, UNITED STATES	ANIKA HALAPPANAVAR	HONORABLE
4191	THE ESCAPE	ART	NORTH CAROLINA, UNITED STATES	ANGEL LY	BRONZE
4192	DESERTED	ART	NORTH CAROLINA, UNITED STATES	HELIA OSAREH	SILVER
4193	ANALYSIS OF TISSUE PREFERRED GENE EXPRESSION IN DROSOPHILA	SCIENCE	NEW YORK, UNITED STATES	TIFFANY CHAO- TIFFANY CHAO	GOLD
4195	WHERE IS HOME	ART	NEW JERSEY, UNITED STATES	SIDNEY JOHNSON	HONORABLE
4196	RESURRECTION	ART	NEW YORK, UNITED STATES	TIFFANY CHAO	SILVER
4204	PREDICTING MUTATION STATUS AND RECURRENCE FREE SURVIVAL IN NONSMALL CELL LUNG CANCER USING COMPUTED TOMOGRAPHY RADIOMICS AND DEEP LEARNING	SCIENCE	NEW YORK, UNITED STATES	DIVEK PATEL	GOLD
4205	A COST EFFECTIVE BIOSENSOR FOR THE EARLY DIAGNOSIS OF ALZHEIMERS DISEASE DUE TO THE EXPOSURE OF ENVIRONMENTAL FACTORS	SCIENCE	VIRGINIA, UNITED STATES	ASHLEY KHANG	GOLD
4208	ANTIBACTERIAL EFFECTS OF COPPER SURFACES	SCIENCE	MOZAMBIQUE	SUDEISSE JANI CALU- WILNY IAN DE JESUS B. JOAO	HONORABLE

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4209	ANTIBACTERIAL ACTIVITY AND ABSORPTION OF PAPER TOWELS MADE FROM FRUIT PEEL EXTRACTS	SCIENCE	MOZAMBIQUE	STELIO CLIFFORD MATANDA- AARON LANDHULE ISAIAS	BRONZE
4210	EVALUATING THE ANTIOXIDANT ACTIVITY OF VIETNAMESE ALLIUM SATIVUM	SCIENCE	VIET NAM	LE NGUYEN MINH ANH - DINH NGOC GIA MINH	HONORABLE
4211	REGRET FROM THE GENIUS	CREATIVE WRITING	RUSSIA	TAEKHYUN KIM	BRONZE
4213	CAPTURING CARBON DIOXIDE FROM THE AIR USING AN ELECTROCHEMICAL CELL	SCIENCE	DELAWARE, UNITED STATES	DAVID YAN	GRAND
4214	APPLICATION OF AGROINDUSTRIAL RESIDUES IN THE COMBAT OF THE ARBOVIRUS CAUSING MOSQUITO (AEDES AEGYPTI)	SCIENCE	BRAZIL	JOAO PEDRO SILVESTRE ARMANI	SILVER
4215	ENSOGO	BUSINESS	CALIFORNIA, UNITED STATES	SIA DESALE	SILVER
4217	BIOPURE	SCIENCE	BOSNIA AND HERZEGOWINA	ISMAR MAHMUTOVIC- SUANA DEDIC	BRONZE
4225	AIR POLLUTION CORRELATION WITH LUNG CANCER AND CROP YIELD	SCIENCE	ILLINOIS, UNITED STATES	ZIYUN MA	HONORABLE
4229	SIMPLE AND LOW COST DIAGNOSIS OF DIABETIC RETINOPATHY	SCIENCE	INDIA	DIGVIJAY SINGH- SNEHA PANDEY	BRONZE
4231	IMPLEMENTATION OF METAL OXIDE INDUCED AGGLOMERATION AND ELECTROMAGNETIC FILTRATION FOR REMOVAL OF MICROPLASTICS	SCIENCE	CONNECTICUT, UNITED STATES	SNIGTHA MOHANRAJ	HONORABLE
4233	DETERMINING THE EFFICACY OF ZINGIBER OFFICINALE TO PROMOTE THE BIOREMEDIATION OF BIOPLASTICS THROUGH AMYLASE HYDROLYSIS	SCIENCE	CONNECTICUT, UNITED STATES	SIENNA MATREGRANO	BRONZE
4237	DEVELOPING A VOICE RECOGNITION PROGRAM FOR SEARCH AND RESCUE USING DEEP LEARNING CONVOLUTIONAL NEURAL NETWORKS	SCIENCE	OREGON, UNITED STATES	GRACE CHEN	SILVER
4238	BLACK	CREATIVE WRITING	VIRGINIA, UNITED STATES	NAYEON KIM	HONORABLE

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4246	DEFICIENCY	CREATIVE WRITING	CONNECTICUT, UNITED STATES	EMILY KHYM	HONORABLE
4252	METHOD OF BACTERIAL CELLULOSE PRODUCTION FROM PLANT WASTE SUBSTRATES	SCIENCE	UKRAINE	OLENA KLIMOVA	HONORABLE
4264	SYNERGISTIC BIOREMEDIATION OF EUTROPHIC FRESHWATER USING DUCKWEED AND FRESHWATER MUSSELS	SCIENCE	NEW YORK, UNITED STATES	DYLAN DAGATE	BRONZE
4269	FOR CLAUDE MONET	ART	SOUTH KOREA	YOUSHN KONG	BRONZE
4270	CRICK AND QUICK INSTANT NOODLE	BUSINESS	THAILAND	NATTAWIT THIAPAIRAT-PRAPIT THIAPAIRAT	HONORABLE
4275	SMOKING IS A SOCIAL PROBLEM OF SOCIETY	SHORT FILM	KAZAKHSTAN	MALIKA TOREBEK-BAKDAULET UMBETALIEV	GOLD
4276	A DIRECTION DETECTION VISION SYSTEM FOR WRONG WAY DRIVING IMPLEMENTATIONS	SCIENCE	NEW YORK, UNITED STATES	FANGLIN YUAN	BRONZE
4277	RACHMANINOFF ETUDE TABLEAU OP. 39 NO. 6	MUSIC	NEW YORK, UNITED STATES	FANGLIN YUAN	SILVER
4278	FIND YOUR INVASIVE!	SCIENCE	NEW YORK, UNITED STATES	AVI BAGCHI- AYAAN BARGEER	BRONZE
4279	ANTIBODY SIGNATURES IN CIRCULAR FLOW IMMUNOASSAYS REFLECT SARS CORONAVIRUS 2 AND MICROBIOME MEDIATED IGG HETEROGENEITY RELATED TO COVID19 SEVERITY BY AGE	SCIENCE	CALIFORNIA, UNITED STATES	RYAN HUANG	BRONZE
4290	CHANGES IN COVID19 INFECTIVITY CAUSED BY ACE2 AND TMPRSS2 EXPRESSION IN AGED CELLS AND PREVENTIVE EFFECT OF VITAMIN C	SCIENCE	MASSACHUSETTS, UNITED STATES	SEUNGBIN CHOI	HONORABLE
4299	PLEASE STOP!	ART	MASSACHUSETTS, UNITED STATES	ERIN KIM	GOLD
4303	BIODEGRADABLE AGGLOMERATE MADE OF THE FUNDAMENTAL PARENCHYMA OF THE INTERNAL CORN STALK AS A SUBSTITUTE FOR EXPANDED POLYSTYRENE	SCIENCE	MEXICO	VALERIA GARCIA LOPEZ-DAVID ANGEL BENAVIDEZ T	BRONZE
4304	USING NEUROMARKERS TO DEVELOP A MOLECULAR BIOSYNTHETIC TREATMENT NETWORK	SCIENCE	GEORGIA, UNITED STATES	KRISH WADHWANI	BRONZE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4313	ECO FRIENDLY FACE MASK FROM OAK LEAVES CELLULOSE	SCIENCE	JORDAN	SADEEN HINDI	BRONZE
4314	HIGH EFFICIENCY ADSORPTION OF METHANE USING MODIFIED ACTIVATED CARBON AND MODIFIED CLINOPTILOLITE	SCIENCE	JORDAN	FARES QTAISHAT- SARAH ABDALLAH	GOLD
4315	RELYING ON ARTIFICIAL INTELLIGENCE TO TRANSLATE SIGN LANGUAGE INTO SPOKEN LANGUAGE	SCIENCE	JORDAN	KARAM ABU MALLOUH- AMR ALFARES	HONORABLE
4318	CARICA PAPAYA: CHEMICAL COMPOSITIONS ANTIOXIDANT AND ANTICANCER ACTIVITY	SCIENCE	VIET NAM	TRAN CAO GIA BAO - NGUYEN DOAN QUANG MINH	BRONZE
4319	TODUE	BUSINESS	NEW YORK, UNITED STATES	CARSON COHEN	SILVER
4321	A HALLUCINATION	CREATIVE WRITING	DELAWARE, UNITED STATES	GIANG VU	HONORABLE
4322	A NOVEL STUDY OF BIOPESTICIDAL PROPERTIES OF ANNONA RETICULATA	SCIENCE	INDIA	SARVESH PRABHU	GOLD
4329	ONLY THE LIGHTS OF THE FIREFLIES	CREATIVE WRITING	RHODE ISLAND, UNITED STATES	JIHYO LEE	HONORABLE
4334	SMART: STROKE MONITORING AND REHABILITATION USING TECHNOLOGY	SCIENCE	INDIA	SIDDHANT ATTAVAR	GOLD
4337	DISSOLVED OXYGEN AUGMENTATION EFFECTS ON THE HYDROPONIC CULTIVATION OF ERUCA SATIVA IN A NFT SYSTEM	SCIENCE	FLORIDA, UNITED STATES	NICOLE STOVER	BRONZE
4339	ANALYZING GENES RELATED TO REACTIVE OXYGEN SPECIES IN STYLOPHORA PISTILLATA CORALS UNDER SHORT TERM THERMAL STRESS	SCIENCE	MISSOURI, UNITED STATES	AMELIA TRUONG	BRONZE
4340	ETHICS AND FAMILY: MORAL DEVELOPMENT OF TEENAGERS WHO HAVE BEEN THROUGH INTERPARENTAL CONFLICTS	SCIENCE	BRAZIL	MARIANA DE MORAES SARMENTO SILVA	HONORABLE
4341	AUTOMATED DENTAL CAVITY DETECTION SYSTEM USING ARTIFICIAL INTELLIGENCE	SCIENCE	NEW YORK, UNITED STATES	NIHARIKA BHATTACHARJEE	SILVER

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4342	THE EFFECTS OF BIOTIC AND ABIOTIC FACTORS ON THE HATCHING SUCCESS OF THE COMMON LOON IN NEW YORK'S ADIRONDACK PARK	SCIENCE	NEW YORK, UNITED STATES	JACOB NACHAMIE	SILVER
4344	A VISUAL CORTEX EXAMINATION: FAMILIARITY AND SELECTIVE ROI BOLD SIGNAL DIFFERENCES BETWEEN SCENES AND OBJECTS BEHAVIORALLY AND NEUROLOGICALLY	SCIENCE	NEW YORK, UNITED STATES	ALLIYAH STEELE	SILVER
4348	THE EFFECT OF POWER PLANT THERMAL EXHAUST ON THE MIGRATION OF SEA TURTLES IN THE SOUTHERN COAST OF FLORIDA	SCIENCE	NEW YORK, UNITED STATES	OLIVIA GONCALVES	HONORABLE
4359	NO_ DESERTS FROM DRINKING BOTTLES	ART	UKRAINE	ALINA LIUBAIEVA	SILVER
4360	PLASTIC TODAY_ THE BENEFIT OF LIFE OR THE SELF_ DESTRUCTION OF HUMANITY?	CREATIVE WRITING	UKRAINE	MAKSYM PUSHKAR	HONORABLE
4361	SAVE THE ENERGY FOR YOUR CHILDREN	CREATIVE WRITING	UKRAINE	MYROSLAV BUR	SILVER
4369	THE IMPACT OF THE PRESENCE OF MOUGEOTIA SCALARIS ON MACROINVERTEBRATE POLLUTION TOLERANCE IN MICROCOSMS FROM FRESHWATER SYSTEMS	SCIENCE	NEW YORK, UNITED STATES	ADARSH NAIR- MAYA KARINTHOLIL	BRONZE
4371	NO MORE WASTE	BUSINESS	NEW JERSEY, UNITED STATES	SUJAY BOYAPALLI- MOHA TRIVEDI	BRONZE
4375	CERULEAN SKY	CREATIVE WRITING	RHODE ISLAND, UNITED STATES	MIN LEE	GOLD
4376	TO LINGER	CREATIVE WRITING	RHODE ISLAND, UNITED STATES	MIN LEE	HONORABLE
4378	RAISE YOUR VOICE NOT THE SEA LEVEL	ART	SOUTH KOREA	YUCHAN NAM	BRONZE
4379	C100	CREATIVE WRITING	PENNSYLVANIA, UNITED STATES	JIHWAN SUNG	BRONZE
4382	THE FIRE BURNS BRIGHT	CREATIVE WRITING	SOUTH KOREA	ISABELLA DUNSBY	BRONZE
4385	SMART HOUSEHOLD: SECONDARY USE OF WATER AND ORGANIC WASTE AS AN EXAMPLE OF CONSERVATION OF	SCIENCE	UKRAINE	ALEXANDER BARABASH	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
	NATURAL RESOURCES AND ENVIRONMENTALLY SAFE ENVIRONMENT				
4386	HOMEMADE WATER SURFACE CLEANER FROM RUBBISH (SKIMMER) USING SOLAR ENERGY	SCIENCE	UKRAINE	VLADISLAV PETROV	BRONZE
4390	(BREATHE) MEASURING BLOOD GLUCOSE LEVEL FROM EXHALED AIR	SCIENCE	JORDAN	NOOR ALMASRI- SALMA ALAMR	BRONZE
4392	PREDICTING INFLUENZA SPREAD USING MACHINE LEARNING THROUGH OPEN SOURCE TWITTER DATA	SCIENCE	NEW YORK, UNITED STATES	CHINMAY SATPUTE	SILVER
4393	MODERN METHODS OF PHYTOREMEDIATION OF RIVERS	SCIENCE	UKRAINE	VICTORIA PANCHENKO	BRONZE
4398	THE QUALITY OF AESCULUS HIPPOCASTANUM POLLEN GROWING IN LUTSK AREAS WITH DIFFERENT DEGREES OF AIR POLLUTION	SCIENCE	UKRAINE	MARIIA KOTIUK	HONORABLE
4400	RECYCLING OF ZINC_MANGANESE BATTERIES	SCIENCE	UKRAINE	ANDREY SIMONOV	HONORABLE
4404	THE USE OF A NITROGEN_CONTAINING SORBENT AS A CATALYST FOR THE REACTION OF HYDROLYSIS OF SODIUM BOROHYDRIDE	SCIENCE	UKRAINE	VIKTORIA NEKLEHA	HONORABLE
4405	DEVELOPING A BATTERY BASED ON ALUMINUM_AIR PLATFORM	SCIENCE	UKRAINE	ARTEM MOSKOVETS	HONORABLE
4411	CURSED RESOURCES.A TIME BOMB	CREATIVE WRITING	MYANMAR	YUN HAYTHI EAIN N/A	SILVER
4413	THE PATH OF GARBAGE	SHORT FILM	VIET NAM	NGUYEN CAO MINH TRU - PHAM THANH MINH TRIET	GRAND
4414	I DON'T USE THAT MUCH PLASTIC	SHORT FILM	VIET NAM	NGUYEN HOANG MINH THU - VUONG NGOC THIEN KIM	SILVER
4415	A HUMAN WALK	ART	VIET NAM	NGUYEN BAO CHAU	SILVER
4417	WISCOM BUSINESS PLAN	BUSINESS	VIET NAM	LE HAI THY - CHU UYEN PHUONG	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4419	STUDIES ON BIOLOGICAL ACTIVITY OF LYCIUM RUTHENCIMUM	SCIENCE	VIET NAM	NGUYEN THANH BINH - DUONG HAI TRI	BRONZE
4422	THE TALES OF ANETHA	CREATIVE WRITING	MASSACHUSETTS, UNITED STATES	PATRICIA PRASATYA	SILVER
4429	EFFECTS OF POLYESTER FIBERS ON PLANTS	SCIENCE	ILLINOIS, UNITED STATES	EILEEN TSENG	BRONZE
4431	CULTIVATION OF MIKANIA LAEVIGATA IN VITRO: SEARCHING FOR HIGHER DOSES OF COUMARINS FOR ASTHMA TREATMENT	SCIENCE	BRAZIL	LARA JOHNSEN VILLAS BOAS STEFANI	BRONZE
4434	SMARTWAY	SCIENCE	UKRAINE	ANDRII VELIKHOVSKYI OLEH IVANKIV	HONORABLE
4435	INTEGRATIVE ANALYSIS OF PDAC MICROENVIRONMENT UTILIZING OMICS WITH AN EMPHASIS ON CEACAM6	SCIENCE	NEW YORK, UNITED STATES	MIHIR PATIL	BRONZE
4436	DIFFERENTIAL WEIGHT REGULATION AND STRESS SUSCEPTIBILITY IN LRRK2 G2019S MICE	SCIENCE	NEW YORK, UNITED STATES	EMILY DODD	HONORABLE
4437	AN ASSESSMENT OF KNOWLEDGE OPINIONS AND ACCESS TO GENETICALLY MODIFIED FOODS IN A SUBURBAN COMMUNITY	SCIENCE	NEW YORK, UNITED STATES	RYAN HADI	BRONZE
4438	THE RELATIONSHIP BETWEEN THE MEANING OF POPULARITY AND HIGH SCHOOLERS	SCIENCE	NEW YORK, UNITED STATES	ALESSANDRA PAPPALARDI	HONORABLE
4439	IRRADIATION METHOD IMPACTS THE SEVERITY OF THE SWITCHING GENE EXPRESSION IN MURINE MODELS OF INTERNAL AND PROTRACTED EXPOSURES TO RADIOISOTOPE 137CS	SCIENCE	NEW YORK, UNITED STATES	MARY FORD	GOLD
4440	PROJECT SCANVAN: MOBILE MAMMOGRAPHY SERVICES TO DECREASE SOCIOECONOMIC BARRIERS AND RACIAL DISPARITIES AMONG MEDICALLY UNDERSERVED WOMEN IN NYC	SCIENCE	NEW YORK, UNITED STATES	AVA TSAPATSARIS	GOLD
4444	DESIGN OF A LOW RESOURCE SCREENING TECHNOLOGY FOR HIV1 DRUG RESISTANCE USING SHERLOCK	SCIENCE	NEW YORK, UNITED STATES	ARMAAN AHMED	SILVER

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4445	QUANTIFICATION OF SSTR2 EXPRESSION IN MENINGIOMAS STRATIFIED BY AGE AND SEX	SCIENCE	NEW YORK, UNITED STATES	CAROLINE GARUFI	BRONZE
4447	EVALUATING THE EFFICACY OF ELASTIN ALGINATE CRYOELECTROSPUN SCAFFOLDS ON VIMENTIN AND CD140 ALPHA BETA PRODUCTION	SCIENCE	NEW YORK, UNITED STATES	SRISHTI TANDON	SILVER
4448	IMPACT OF BETAMETHASONE ON THE EXPRESSION OF TYROSINE HYDROXYLASE POSITIVE NEURONS IN THE ARCUATE NUCLEUS	SCIENCE	NEW YORK, UNITED STATES	KAITLYN TOMENY-ANISHA KUMAR	GOLD
4449	INVESTIGATING A STRATEGY FOR RETINAL REGENERATION IN MAMMALS USING SINGLE CELL RNA SEQUENCING	SCIENCE	NEW YORK, UNITED STATES	ANN LIU	SILVER
4450	THE IDENTIFICATION AND VALIDATION OF NOVEL TARGETS AND PATHWAYS OF ALZHEIMER'S DISEASE THROUGH INTEGRATED SYSTEM APPROACHES	SCIENCE	NEW YORK, UNITED STATES	MICHAEL ZHONG	SILVER
4451	SYNAPTIC CONNECTION SPECIFICITY OF HPSC DERIVED CINS	SCIENCE	NEW YORK, UNITED STATES	JOY PARK	SILVER
4452	A NOVEL REAL TIME POACHER DETECTION SOLUTION FOR WILDLIFE CONSERVATION USING TIME WARPING CLUSTERING OF SPATIO TEMPORAL INFRARED VIDEO DATA	SCIENCE	NEW YORK, UNITED STATES	ANIKA PURI	GOLD
4453	A NOVEL REHABILITATIVE DEVICE THAT AIDS IN STROKE RECOVERY	SCIENCE	NEW YORK, UNITED STATES	BROOKE DUNEFSKY	SILVER
4455	LILY PAD	ART	SOUTH KOREA	SOO JUNG YOU	HONORABLE
4456	SELECTIVE ATTENTION	ART	SOUTH KOREA	SEUNG WOO YOU	HONORABLE
4457	PHYTOCHEMICAL SCREENING AND MOLLUSCICIDAL EFFECT OF TRIDAX PROCUMBENS (WILD DAISY) CRUDE LEAF EXTRACT AGAINST POMACEA CANALICULATA (GOLDEN APPLE SNAIL)	SCIENCE	PHILIPPINES	KENJIE FORTALEZA- JOHN RAZONADO	BRONZE
4458	WHAT WE DRINK IS THEIR WATER	ART	SOUTH KOREA	AUDREY LEE	SILVER
4461	RESEARCH ON ANTIOXIDANT AND ANTICANCER ACTIVITY OF VIETNAMESE GINSENG (CURCULIGO ORCHIOIDES CODONOPSIS PILOSULA ELEUTHERINE BULBOSA)	SCIENCE	VIET NAM	TRAN DINH NHAN- TRAN THANH NHA TRUC	HONORABLE
4466	DANDORA	ART	KENYA	ANITA NASEER	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4469	GIRL'S RED FLOWER	SHORT FILM	KENYA	AHMET SAMI OZSAHIN- SAID AKIN	SILVER
4470	A DEEP LEARNING POWERED SYSTEM TO PREVENT ILLEGAL LOGGERS	SCIENCE	VIET NAM	MINH NGUYEN HOANG- VIET ANH NGUYEN DINH	BRONZE
4473	A GLIMPSE OF THE MODERN WORLD	CREATIVE WRITING	VIET NAM	NGUYEN PHUC MINH CHAU	HONORABLE
4480	INHIBITION OF ZAR1 ENHANCES CANCER CELL PROLIFERATION ON NONSMOKING LUNG CANCER PATIENTS	SCIENCE	MASSACHUSETTS, UNITED STATES	JANA CHOE	BRONZE
4481	A NOVEL METHOD OF PLANT LEAF DISEASE DETECTION HELPING TO PREVENT PESTICIDE ABUSE	SCIENCE	NEBRASKA, UNITED STATES	XULANG GUAN	HONORABLE
4486	FLAMES OF DESPAIR	CREATIVE WRITING	VIET NAM	NGUYEN NGOC MINH PHUONG	BRONZE
4487	THE LAST: BURLESQUE	MUSIC	SOUTH KOREA	LAUREN CHO	GOLD
4488	OUR FANCIES SUFFOCATE FISHES	ART	SOUTH KOREA	SOOHYUN KIM	BRONZE
4489	A NEW HOPE FOR GREEN ENERGY: A MORE EFFICIENT COST EFFECTIVE AND SAFER METHOD TO SYNTHESIZE BIODIESEL	SCIENCE	TAIWAN	WESLEY LIN	HONORABLE
4492	ENHANCING THE EFFICIENCY OF A PLANT MICROBIAL FUEL CELL THROUGH THE USE OF METHANE OXIDIZING BACTERIA	SCIENCE	SOUTH KOREA	SEUNGHAN HA- DANIEL LEE	GOLD
4494	USE OF SELF OSCILLATIONS IN PASSIVE SAFETY SYSTEMS OF NUCLEAR POWER PLANTS	SCIENCE	UKRAINE	VIKTOR ULANOV	SILVER
4497	YEAR 3127	ART	SOUTH KOREA	JASMINE KIM	SILVER
4498	THE OCEAN WOULD BE BETTER	CREATIVE WRITING	TAIWAN	JASPER WANG	BRONZE
4499	POWER GENERATION USING THERMOELECTRIC PELTIERS AND SOLAR ENERGY	SCIENCE	BANGLADESH	S.M AHNAF HAQUE- RAIATK HAN MAHI	HONORABLE
4501	MODIFYING THE ACTIVITY OF HYDROGENASE AND CARBONIC ANHYDRASE ENZYMES IN CHAETOMORPHA TO MITIGATE OCEAN ACIDIFICATION	SCIENCE	CALIFORNIA, UNITED STATES	CHRISTOPHER KWOK- NICHOLAS KWOK	SILVER
4505	GHOST	SHORT FILM	AZERBAIJAN	RUFAT MIRIYEV	SILVER

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4508	BOOMERANG	SHORT FILM	AZERBAIJAN	RUSTAM NAGIZADE	GOLD
4509	FERROFLUID MAGIC MICROPLASTIC PURIFIER	SCIENCE	BOSNIA AND HERZEGOWINA	NEILA MUMINOVIC-EMINA CERO	HONORABLE
4510	MICROORGANISMS FOR MACRO SOLUTIONS	SCIENCE	BOSNIA AND HERZEGOWINA	AJDIN TARIC- BERIN TARIC	BRONZE
4514	ORANGE NIGHT	ART	CALIFORNIA, UNITED STATES	RACHAEL DING	GOLD
4518	HABITATS FROM HABITS	ART	CALIFORNIA, UNITED STATES	ISHANVI KOMMULA	GOLD
4523	TESTING WHEY PROTEIN AS A POTENTIAL ALTERNATIVE TO CHEMICAL FERTILIZERS USING A BRASSICA NIGRA MODEL.	SCIENCE	CALIFORNIA, UNITED STATES	ANUSHA SAINARAYANAN	HONORABLE
4532	JUST ONCE	SHORT FILM	VIET NAM	KHANH DAN TRUONG NGUYEN- DUY KHANG NGUYEN PHAM	SILVER
4537	IVORY BLOOD	CREATIVE WRITING	VIET NAM	LE NGUYEN MINH ANH	SILVER
4539	THINGS THAT CAN BE THROWN AWAY // THINGS THAT CANNOT BE THROWN AWAY	CREATIVE WRITING	GEORGIA, UNITED STATES	KAYLA KIM	BRONZE
4541	RESEARCH ON BIOLOGICAL ACTIVITY OF KAEMPFERIA PARVIFLORA	SCIENCE	VIET NAM	DANG KIM SON - DUONG THI QUYNH NHU	BRONZE
4543	OPTIMIZING NANNOCHLOROPSIS GROWING CONDITIONS FOR BIODIESEL PRODUCTION THROUGH ANALYSIS OF LIPID CONTENT	SCIENCE	PENNSYLVANIA, UNITED STATES	STEVEN LIU	GOLD
4548	FINDING EDEN	CREATIVE WRITING	SOUTH KOREA	YAEWON WOO	SILVER
4549	SEEBECK WATCH: SYSTEMS FOR WRISTWATCHES BASED ON TEMPERATURE DIFFERENCE AND THERMOELECTRIC THIN FILMS	SCIENCE	BRAZIL	VINICIUS MORAES	SILVER
4553	INVESTIGATING THE APPLICATIONS OF BIODEGRADABLE BANANA PLASTICS	SCIENCE	SOUTH KOREA	SAHNG WON LEE	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4554	THE INFLUENCE OF BACTERIOPHAGES ON BIOFILM FORMATION AND DEGRADATION IN ESCHERICHIA COLI STRAINS	SCIENCE	SLOVAKIA	MATUS LITVIN	SILVER
4559	SUBMERGED	ART	SOUTH KOREA	JIYU LEE	HONORABLE
4563	(SFAD) SPOILED FOOD AND ALLERGY DETECTOR	SCIENCE	JORDAN	SALMA ALSHAGHNOBI- JANA ALALAWEEEN	SILVER
4569	INTRAPROCEDURAL PROSTATE MRI REGISTRATION: A DATA EFFICIENT SIAMESE NEURAL NETWORK (SNN) DESIGN	SCIENCE	NEW YORK, UNITED STATES	ALEXANDER LYONS	SILVER
4570	FARMLAND ENVIRONMENTAL PROTECTOR INTELLIGENT WEEDING ROBOT BASED ON VISION	SCIENCE	CHINA	YI PAN	HONORABLE
4572	DEVELOPMENT OF BIOMIMICRY DRAG CLOTHS FOR ROBOTIC TICK COLLECTION	SCIENCE	NEW YORK, UNITED STATES	NICHOLAS CIRILLO	HONORABLE
4575	VISUS SEE WITH ME	BUSINESS	SLOVENIA	NIK STANOJEVIC- VAL VIDMAR	SILVER
4576	SPECULAR REFLECTION REMOVAL AND POLYP SEGMENTATION IN COLONOSCOPIC IMAGES USING CONVOLUTIONAL NEURAL NETWORKS	SCIENCE	MASSACHUSETTS, UNITED STATES	WOOJU LIM	SILVER
4580	DROWNING OCEAN	CREATIVE WRITING	CALIFORNIA, UNITED STATES	DYLAN DO	BRONZE
4583	UTILIZING THE BLACK WALNUT TREE TO PREVENT ALGAL BLOOMS	SCIENCE	NEW YORK, UNITED STATES	MATTHEW FINNERTY	HONORABLE
4584	A MOBILE APPLICATION THAT FACILITATES THE USE OF MOBILE PHONES FOR DYSLEXIC AND COLORBLIND USERS	SCIENCE	JORDAN	NAI ALZIYADAT- HALA HABBOUB	GOLD
4587	INVESTIGATING PERFORMANCE ENHANCING EFFECTS OF ENERGY DRINKS USING THE PHOTOTACTIC PROPERTY OF DAPHNIA MAGNA	SCIENCE	NEW HAMPSHIRE, UNITED STATES	JUNHO MOON	BRONZE
4589	SYNTHESIS DATA COLLECTION AND ANALYSIS OF GRAPHENE NOBLE METAL AEROGELS FOR FUTURE APPLICATIONS IN NOVEL ENERGY STORAGE DEVICES	SCIENCE	NEW YORK, UNITED STATES	FRANCESCA MANGIONE	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4590	THE EFFECTS OF TEMPERATURE ON THE DISTRIBUTION AND CONTINUOUS NUCLEATION OF PBS NANOCRYSTALS	SCIENCE	NEW YORK, UNITED STATES	ANDREW KELLY	GOLD
4591	CARBON DIOXIDE SCRUBBING ELECTRICITY GENERATOR	SCIENCE	JORDAN	DINA DWAIRI	GOLD
4593	THE LADY THE FISH & THE HUMAN	CREATIVE WRITING	CANADA	SHIRUI CHEN	GOLD
4595	INVESTIGATION OF SURFACE BOUND RADICALS IN SMOKE USING ELECTRON PARAMAGNETIC RESONANCE (EPR)	SCIENCE	ARIZONA, UNITED STATES	KATHERINE WEI	HONORABLE
4596	AN ANALYSIS OF AIR QUALITY PREDICTIONS THROUGH MACHINE LEARNING	SCIENCE	UTAH, UNITED STATES	WENTAO ZHANG- WENRAY ZHANG	BRONZE
4599	ADSORPTION EFFECTS OF HEAVY METALS AND FINE DUST ACCORDING TO PLANT PIGMENTS	SCIENCE	SOUTH KOREA	JUNE HUE KOO	HONORABLE
4600	MAKING FILTERS WITH COFFEE WASTES USING BACTERIA THAT MAKE CELLULOSE	SCIENCE	SOUTH KOREA	SEUNGJAE KIM	SILVER
4601	ENVIRONMENT FRIENDLY MASKS DERIVED FROM BACTERIAL CELLULOSE	SCIENCE	SOUTH KOREA	NAHYUN PARK- GARYEONG KO	BRONZE
4604	AWARENESS: A TOOL FOR ENVIRONMENTAL STEWARDSHIP	CREATIVE WRITING	NEW JERSEY, UNITED STATES	HYUNWOO RO	SILVER
4606	A STUDY ON THE IMPROVEMENT OF DISASTER CONTAMINATED AREAS USING SELF CONTROL TECHNOLOGY OF HEAVY EQUIPMENT	SCIENCE	SOUTH KOREA	HYUNWOO PARK	HONORABLE
4607	ANTIBACTERIAL ACTIVITY AND HEAVY METAL REMOVAL EFFICIENCY OF KERATIN EXTRACTED FROM NAILS	SCIENCE	SOUTH KOREA	JI WON SHIN- CHRISTINE SEOJIN YI	HONORABLE
4611	SOIL BACTERIA TO BIOPLASTIC: EFFICIENT PRODUCTION OF BIOPOLYMER PHA USING COFFEE GROUND WASTE	SCIENCE	SOUTH KOREA	JIYOON RHEE	BRONZE
4612	ALERTX DANGEROUS DRIVING DETECTION USING REAL TIME ALERTS	SCIENCE	TEXAS, UNITED STATES	ANANYA SRIDHAR	SILVER
4613	ALLOFERON IMPROVED THE GROWTH PERFORMANCE AND SURVIVAL RATE OF MEALWORMS (TENEbrio MOLITOR)	SCIENCE	RHODE ISLAND, UNITED STATES	DAVID SHON	SILVER
4615	COLLAGEN NEOGENESIS AND ANTI INFLAMMATORY EFFECT OF FRACTIONS FROM SASA BOREALIS LEAVES AND	SCIENCE	SOUTH KOREA	YUNA JANG	SILVER

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
	QUANTITIVE ANALYSIS OF THEIR TRITERPENOIDS AND FLAVONOIDS				
4616	SMART HYDROPONIC URBAN FARMING SYSTEM (SHRUBS): IOT BASED HYDROPONIC INDOOR FARMING WITH LED GROW LIGHT	SCIENCE	INDONESIA	LAURA FAWZIA SAMBOWO- NAUFAL AHMAD SANAYA	BRONZE
4617	A STUDY ON THE EFFECT OF BOWEL FUNCTION OF THE LARGE INTESTINE ON THE INTESTINAL IMMUNE CELL ACTIVITY IN MICE	SCIENCE	SOUTH KOREA	SEIN KANG- JIMIN JUNG	GOLD
4618	DEVELOPMENT OF PLACE SPECIFIC AUGMENTATIVE AND ALTERNATIVE COMMUNICATION SOFTWARE	SCIENCE	SOUTH KOREA	UNKYUNG HARRY JO	HONORABLE
4622	BROAD SPECTRUM ANTIVIRAL AGENT USING NOVEL IMMUNOMODULATORY PEPTIDES DISCOVERED IN INSECT EMERGENCE MECHANISM: A STUDY ON THE IMMUNOMODULATORY ACTIVITY OF SILK FIBROIN C2735 PEPTIDE	SCIENCE	SOUTH KOREA	JEAN CHOI	SILVER
4624	MOTHER NATURE DIGESTS	ART	GEORGIA, UNITED STATES	TEDD JUNG	SILVER
4626	MY PLASTIC FRIEND	ART	GEORGIA, UNITED STATES	TEDD JUNG	GOLD
4634	SAVE OUR RICE ANYWHERE	SCIENCE	SOUTH KOREA	SARAH YIM- TAEJOO LEE	HONORABLE
4640	NEIGHBORS IN MORTALITY	CREATIVE WRITING	SOUTH KOREA	CHAE WON LEE	BRONZE
4643	RECYCLE?	ART	SOUTH KOREA	SU JEONG PARK	GOLD
4644	POLAR BEAR	ART	SOUTH KOREA	SU JEONG PARK	BRONZE
4649	THE THREE HAND	ART	SOUTH KOREA	SEUNGHWAN LEE	HONORABLE
4650	MORE YOU GET MORE YOU LOSE	ART	SOUTH KOREA	SEUNGHWAN LEE	SILVER
4651	DECALCOMANIE	ART	SOUTH KOREA	SEUNGHWAN LEE	BRONZE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4653	ENHANCEMENT OF ARABIDOPSIS GROWTH WITH INOCULATION OF PHOSPHATE SOLUBILIZING BACTERIA AND NITROGEN FIXING BACTERIA	SCIENCE	SOUTH KOREA	YURI LEE	BRONZE
4656	THE USE OF FLOCCULANT DISINFECTANT TO PURIFY WATER	SCIENCE	SAUDI ARABIA	LEMAR ALGHABRA, GEHAD GAD	HONORABLE
4657	SURGERY IN A PANDEMIC EPICENTER	SCIENCE	NEW YORK, UNITED STATES	LULEJETA LATIFI	HONORABLE
4658	ASSESSING THE CORRELATION BETWEEN MOST AFFECTED DEMOGRAPHICS OF THE NOVEL CORONAVIRUS (COVID19) AND VACCINES ADMINISTERED IN THE UNITED STATES FROM 1920 TO 2020	SCIENCE	NEW YORK, UNITED STATES	PEYTON DISIENA	HONORABLE
4662	SOIL COATING AGENT USING SILICA GLUTEN BEAN PROTEIN AND AGAR MIXTURE AS A SUBSTITUTE FOR MULCHING VINYL	SCIENCE	SOUTH KOREA	JIWON PARK	BRONZE
4669	AMPM SMART MUG ECO FRIENDLY 3D PRINTED MUG WITH SOLAR POWERED WIRELESS CHARGER	SCIENCE	MACEDONIA	ANDREJA POPOVIKJ- MATEJ MILOSIEVSKI	HONORABLE
4670	DUBLO	BUSINESS	CANADA	KEVIN ZHANG	SILVER
4672	PRECISE GEOGRAPHICAL AREA WEATHER FORECASTING SYSTEM BASED ON A NOVEL COMPUTER AIDED CLOUD TYPE CLASSIFICATION METHOD	SCIENCE	CONNECTICUT, UNITED STATES	GUANSHEN LI	HONORABLE
4676	DEVELOPING A WATER SOLUBLE BIOPLASTIC FROM A BASE OF POLYVINYL ALCOHOL AND OTHER ORGANIC MATERIALS	SCIENCE	NEW YORK, UNITED STATES	OLIVIA POLLOCK	SILVER
4680	MY STORY WITH LEAH	CREATIVE WRITING	CHINA	YIJUN CHEN	SILVER
4685	MANUFACTURING ENVIRONMENT FRIENDLY WOOD PAINT WITH SOLVENT EXEMPTION	SCIENCE	CHINA	QINGYUAN ZHU	BRONZE
4686	IF I HAD ASKED WOULD THINGS BE ANY DIFFERENT?	CREATIVE WRITING	MINNESOTA, UNITED STATES	RITA LI	SILVER
4687	STUDY ON USING TENEBRIO MOLITOR INTESTINAL BACTERIA TO REDUCE THE STRESS EFFECT OF MICROPLASTICS ON PLANTS	SCIENCE	CHINA	YUJIA JI	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4688	ISOLATION IDENTIFICATION AND APPLICATION OF SYNERGISTIC ACTINOMYCETES DERIVED FROM MESSOR ORIENTALIS	SCIENCE	CHINA	YIYANG WU	HONORABLE
4692	TELESCOPIC SUBWAY HANDLE BASED ON LOCKING STRUCTURE	SCIENCE	CHINA	SHUAISHUAI LIU	SILVER
4695	RAPID NONINVASIVE FLUORESCENCE BASED DETECTION FOR ELEVATED LEVELS OF NITRIC OXIDE IN EXHALED BREATH AS A MARKER FOR HAZARDOUS PM2.5 EXPOSURE	SCIENCE	CONNECTICUT, UNITED STATES	AMBIKA GROVER	GOLD
4699	LDAID	SCIENCE	JORDAN	SUHAIB ALFAWARA - MOHAMMAD GHANEM	GOLD
4702	TRIOPS CANCRIFORMIS. HOW TO SURVIVE AT CLIMATE CHANGE	SCIENCE	SPAIN	PATRICIA MARCO GAYA-ALBA SERRANO GARCIA	BRONZE
4703	THE INVESTIGATION OF THE EFFECTS OF EXCESS BORON ON THE ROOT GROWTH OF ARABIDOPSIS THALIANA AND SCHRENKIELLA PARVULA	SCIENCE	LOUISIANA, UNITED STATES	KATHERINE WINCHESTER	HONORABLE
4705	WATER THICKER THAN BLOOD	CREATIVE WRITING	SOUTH AFRICA	YUTANG SHAN	GOLD
4706	CHARACTERIZATION OF A GRAVITY DRIVEN FLOW SYSTEM TO SUPPORT 3D TUMOR SPHEROIDS IN A NOVEL MICROFLUIDIC DEVICE	SCIENCE	LOUISIANA, UNITED STATES	MARGARET MOE	SILVER
4712	BATH	ART	COLOMBIA	SANTIAGO CALIXTO DUARTE	HONORABLE
4719	ANALOG RICE MADE FROM SEAGRASS SEEDS	SCIENCE	INDONESIA	INDRA FAIZATUN NISA-NOVILLA DWI CHANDRA	SILVER
4720	PRODUCTION AND EVALUATION OF CORBICULA FLUMINEA (CLAM) AND CRASSOSTREA IREDALEI (SLIPPERS OYSTERS) TO VEHICLE AS AIR FILTERS	SCIENCE	PHILIPPINES	CHRISTIAN NORIEL PELOLA- NOREEN DYAN ARACHEA	SILVER
4721	GHOST FISHING	ART	SOUTH KOREA	ALISON HAMIN KIM	GOLD
4722	WHAT A WONDERFUL WORLD	MUSIC	THAILAND	NUTTAMON CHANDAVIMOL	GRAND

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4724	COMPARISON OF RESISTANT STARCH CONTENT AND PHYSICOCHEMICAL CONDITIONS IN FRIED RICE UDUK RICE AND YELLOW RICE	SCIENCE	INDONESIA	NASYWA AZMI CHANDRAKANTI- AGHITS ROYYAN ROHMANNOV	HONORABLE
4732	EXPRESSION CHANGE OF TMPRSS2 AND ACE2 GENES CAUSED BY AGING AGENTS AND PERIODONTITIS BACTERIA STREPTOCOCCUS MUTANS AND SUPPRESSING SUCH EXPRESSION USING CINNAMON EXTRACT	SCIENCE	CANADA	JAEWON CHOI	SILVER
4733	EFFECTS OF FENUGREEK SEEDS AS A FEED ADDITIVE ON THE GROWTH PERFORMANCE OF BROILER CHICKENS	SCIENCE	ARKANSAS, UNITED STATES	GAUTAMI LOHAKARE	HONORABLE
4734	AN EMOTION AWARE ROBOT RESEARCH ON BERT BASED EMOTION RECOGNITION FROM LYRICS	SCIENCE	CHINA	YUAN LU	HONORABLE
4735	EARTH SONG	MUSIC	CHINA	YI LU	HONORABLE
4739	LOVE SONG TO THE EARTH	MUSIC	CALIFORNIA, UNITED STATES	SAURAV GANDHI - SERENA GANDHI	BRONZE
4740	A NOVEL DEEP LEARNING SYSTEM FOR SCOLIOSIS ASSESSMENT: AUTOMATIC EXTRACTION OF SKELETAL MATURITY USING REGION PROPOSAL AND COMPOUND SCALING CONVOLUTIONAL NEURAL NETWORKS	SCIENCE	CALIFORNIA, UNITED STATES	AUDREY HA	GOLD
4741	MY GARDEN OF EDEN UNGUARDED TIMELINE OF MY DREAMS CORAL BLEACHING	CREATIVE WRITING	ARIZONA, UNITED STATES	KATHERINE WEI	HONORABLE
4742	LIMITING GLUCOSE AND SERUM INTAKES INCREASES THE CYTOTOXIC AND ANTI PROLIFERATIVE EFFECTS OF CHEMOTHERAPY AND HCG HORMONE ON BREAST CANCER	SCIENCE	NEW JERSEY, UNITED STATES	INES LEE	SILVER
4748	SELECTION OF WATER PURIFYING BACTERIA AND DEVELOPMENT OF A DISSEMINATION SYSTEM USING VESSELS TO IMPROVE WATER QUALITY OF RIVERS	SCIENCE	UNITED KINGDOM	JUNGHONG HUH	HONORABLE
4751	LESSONS UNLEARNED	SHORT FILM	SOUTH KOREA	DAVID KIM- JOSEPH KIM	HONORABLE
4752	ANTITUMORIGENIC EFFECTS OF FENBENDAZOLE ON CHEMORESISTANT PANCREATIC CANCER AND ITS SYNERGISTIC EFFECTS WITH CURCUMIN OR VITAMIN E	SCIENCE	NEW HAMPSHIRE, UNITED STATES	SOOBIN LIM	BRONZE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4756	ENVIRONMENTAL MONITORING THROUGH PORTABLE DEVICES: A CASE STUDY OF URBAN ECOLOGICAL RESEARCH	SCIENCE	MACAU	JIAYU LIANG- CHICHENG WONG	BRONZE
4770	THE INFLUENCE OF THE USE OF CO2 ENRICHED WATER IN THE DEVELOPMENT OF ERUCA VESICARIA SUBSP. SATIVA	SCIENCE	BRAZIL	ISABELLE ALBERTONE WEISS- GIOVANNA CRISTOVAO CARNEIRO	HONORABLE
4771	THE HOPE	CREATIVE WRITING	INDONESIA	AIDYN BURAK ZARIPBEKOV	BRONZE
4773	ADSORBING HEAVY METALS IN WATER WITH TEMPO OXIDIZED SUGARCANE BAGASSE AEROGEL	SCIENCE	VIET NAM	HA NGUYEN - HA PHAM	BRONZE
4774	EARTH'S ANTHOLOGY	CREATIVE WRITING	CYPRUS	EVA DAVYDOVA	GOLD
4775	GLOBAL CLIMATE CHANGE CAUSED BY INCREASED LEVELS OF CO2 ON EARTH	ART	INDONESIA	SALSABILA SALSABILA	SILVER
4778	IS ENVIRONMENTALISM A TREND?	CREATIVE WRITING	BRAZIL	ISABELLA KOBAYASHI VELASCO	HONORABLE
4780	WARNING FEVER AND OUR TIME ON EARTH	CREATIVE WRITING	CHINA	SUNNY ROH	SILVER
4786	AVOCADO AND CHESTNUT PEELS FOR A BETTER ENVIRONMENT	SCIENCE	MACEDONIA	MARIJA SHUKULOVSKA- MIHAELA ZANEVA	HONORABLE
4791	IDENTIFYING GENETIC MARKERS OF RESPONSE FROM CAR T CELL PREINFUSION PRODUCTS IN RESPONDING/NONRESPONDING CLL PATIENTS TO DETERMINE METHODS OF MODULATING EXPRESSION OF THESE GENES	SCIENCE	NEW YORK, UNITED STATES	GABRIELLA SUSCA	SILVER
4797	REUSABLE ECO NAIL PEN	BUSINESS	SOUTH KOREA	CHAERIN PARK- JISUN HWANG	HONORABLE
4799	ICE PACK BUSINESS SOLUTION MODEL	BUSINESS	SOUTH KOREA	CHAERIN PARK- JISUN HWANG	GOLD
4800	THE POTENTIAL IN BIODEGRADABLE FILM OBTAINED FROM WHEY PROTEIN	SCIENCE	MACEDONIA	ELENA POPOVSKA- EMA GAJDOVA	GOLD

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4801	TWO BOYS. A BRIDGE WITH NO END. A SLEEPING GREEN DRAGON.	CREATIVE WRITING	CALIFORNIA, UNITED STATES	JITAE KIM	SILVER
4802	CLEANING WATER WITH SEEDS AND SHELLS	SCIENCE	MACEDONIA	SENIHA ESLEM AYDOGDU- MIHAELA NASTOVA	HONORABLE
4803	PRIORITIZATION OF SUBSTANCE USE DISORDER THERAPEUTIC TARGETS FROM THE UNDERSTUDIED DRUGGABLE GENOME	SCIENCE	NEW YORK, UNITED STATES	ULYSSES CONRAD	HONORABLE
4804	THE EFFECTS OF LIGHT POLLUTION ON DIEL VERTICAL MIGRATION IN DAPHNIA MAGNA	SCIENCE	OHIO, UNITED STATES	CARSYN HAGANS	GOLD
4808	LET'S CHANGE ENVIRONMENT'S NIGHTMARE	CREATIVE WRITING	EQUADOR	KAREN SANDOVAL	HONORABLE
4816	LET US READ ONE MORE TIME	CREATIVE WRITING	VIET NAM	PHUONG VU TRAN NAM	SILVER
4820	ZEPHYR	CREATIVE WRITING	JORDAN	JOOD ZAIDALKILANI	GOLD
4821	FADING DREAMS	CREATIVE WRITING	SAUDI ARABIA	SUNDUS BUKHARI	SILVER
4824	UNDER THE STARS	CREATIVE WRITING	CALIFORNIA, UNITED STATES	QINGCI MENG	HONORABLE
4825	CREATING A SARS COV 2 FAQ COLLECTION DATASET FOR USE ON A USE QA BASED CHATBOT	SCIENCE	NEW YORK, UNITED STATES	DYLLAN HOFFLICH	BRONZE
4826	THE SYSTEM OF RECLAMATION OF AIRBORNE WATER THAT IS FORMED THANKS TO MACHINES WHO CONTROL THE HEAT OF ENVIRONMENT LIKE AIR CONDITIONER AND THE TRACKING CONTENTS OF THIS SYSTEM	SCIENCE	TURKEY	VEHBI FATIH AKYAR- SEDAT HUSEYIN AKYAR	HONORABLE
4827	IS THIS THE WORLD WE CREATED	MUSIC	MACEDONIA	ANGELA MADJIROVA	BRONZE
4828	WATER PURIFICATION USING ZEA MAYS COB (CORN COB): FINDING THE EASIEST AND MOST USER FRIENDLY WAY TO PURIFY CONTAMINATED WATER	SCIENCE	MACEDONIA	ALBA DEARI- ERBLIN JAKUPI	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4831	EXPLORING DYNAMIC BRAIN STATES IN ACUTE ISCHEMIC STROKE	SCIENCE	NEW YORK, UNITED STATES	GEORGIA RUSSELLO	BRONZE
4832	DEVELOPMENT OF A POSITION & ORIENTATION SENSOR FOR ROBOTICS	SCIENCE	SOUTH AFRICA	LUKE ANDREWS	SILVER
4833	GREEN ENERGY HUB	SCIENCE	ROMANIA	BRIANNA ALEXANDRA STAN	BRONZE
4838	DO WE HAVE TO?	CREATIVE WRITING	CONNECTICUT, UNITED STATES	BRANDON KIM	HONORABLE
4840	FALLWATCH: A NOVEL APPROACH FOR THROUGH WALL FALL DETECTION IN REAL TIME FOR THE ELDERLY USING ARTIFICIAL INTELLIGENCE	SCIENCE	TEXAS, UNITED STATES	ADITYA CHEBROLU	SILVER
4845	DESIGN AND FABRICATION OF A PROGRAMMABLE SHUTTER TO ENSURE REPRODUCIBILITY OF NOVEL SINGLET OXYGEN PERIODONTITIS TREATMENT	SCIENCE	NEW YORK, UNITED STATES	JEFFREY LIN- JAKE LI	SILVER
4852	UNFOLD THE REALITY: MAKE A DIFFERENCE	ART	PHILIPPINES	NISREEN PARADJI ABUBAKAR	BRONZE
4855	IMPROVING OUR UNDERSTANDING OF NEW YORK CITY'S MICROCLIMATES USING A NOVEL OBSERVATIONAL NETWORK	SCIENCE	NEW YORK, UNITED STATES	ALEXANDER SIDORSKY	HONORABLE
4856	WASTE OF TIME OR NO?	CREATIVE WRITING	NORTH CAROLINA, UNITED STATES	RYAN KIM	SILVER
4864	GEMS: GAME ENGINE MOLECULAR SIMULATIONS	SCIENCE	NEW YORK, UNITED STATES	JACK ANDERSON- DYLAN LEE	BRONZE
4865	SINKING MEMORIES	CREATIVE WRITING	MASSACHUSETTS, UNITED STATES	RITIKA SINHA	SILVER
4869	VEGETATION	ART	JAPAN	KYEONGMIN BAEK	HONORABLE
4872	PRODUCTION OF QUALITY ENSURED AND LOW COST CASHEW NUTSHELL ACTIVATED CARBON FILTERS	SCIENCE	NEW HAMPSHIRE, UNITED STATES	JINGCHEN WANG	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4882	CREATION OF A NEW ATRAUMATIC SILICONE IRIS EXPANSION DEVICE	SCIENCE	NEW YORK, UNITED STATES	LUKE MACKOOL	BRONZE
4884	O=C=O	CREATIVE WRITING	KANSAS, UNITED STATES	JIMIN KIM	HONORABLE
4885	WHERE DID IT GO / ACTION	CREATIVE WRITING	NORTH CAROLINA, UNITED STATES	HAILEY KIM	HONORABLE
4887	EVASIVE GAZE	ART	SOUTH KOREA	GYURI KIM	HONORABLE
4892	AN INNOVATIVE SOLUTION TO ENVIRONMENT PROTECTION: BIODEGRADABLE AND SUSTAINABLE MYCELIUM MATERIAL	SCIENCE	CALIFORNIA, UNITED STATES	ALICE FENG	HONORABLE
4893	MEMORIES CONTAMINATED TOGETHER	ART	SOUTH KOREA	SOOBIN AHN	SILVER
4894	CAMOUFLAGE	ART	SOUTH KOREA	ESTHER YEON	SILVER
4897	OUR HOME	ART	SOUTH KOREA	DAYOUNG KOO	SILVER
4900	PAPER OR PLASTIC	ART	SOUTH KOREA	JAEOUNG CHOI	SILVER
4902	SEWING ON	ART	SOUTH KOREA	YOONA LEE	BRONZE
4916	PUTTING PECTIN IN ITS PLACE: THE EFFECT OF EXTRACTED PECTIN PLACEMENT ON A SHALLOW ROOTED SEED IN A SAND GROWTH MEDIUM IN RELATION TO SOIL MOISTURE RETENTION AND PLANT GROWTH	SCIENCE	TEXAS, UNITED STATES	RACHEL MAMMEN	SILVER
4917	BARCODE TAGGING	ART	SOUTH KOREA	RACHEL JOOHYUN LEE	BRONZE
4920	NO WATER NO LIFE	ART	SOUTH KOREA	RYAN SEUN WOO KWON	SILVER
4922	THE BACTERIA GEOBACTER AS A PERSPECTIVE SOURCE OF GREEN ELECTRICITY	SCIENCE	LATVIA	ERIKA PLOPA-ANASTASIJA PASKEVICA	HONORABLE
4928	SMALL ACTS IN OUR LIVES	CREATIVE WRITING	CANADA	JUNGMIN SHINN	HONORABLE
4929	NEURAL AND CYTOGENETIC DAMAGE CAUSED BY SPREAD OF ENDOCRINE DISRUPTING POPS THROUGH TOBACCO FILTER MICROPLASTICS	SCIENCE	VIRGINIA, UNITED STATES	HEA NYUNG SON	GOLD
4931	OCEAN AWARENESS	ART	SOUTH KOREA	AILEEN RYU	GOLD

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4932	BEWARE WHAT YOU WEAR	ART	SOUTH KOREA	EUGENIA KANG	SILVER
4933	ADSORBENT PHOTOCATALYST COMPOSITES BASED FROM COMBINATIONS OF COCONUT SHELL ACTIVATED CARBON AND ACTIVATED KAOLINITE CLAY THAT INTEGRATED WITH TITANIUM DIOXIDE AND ITS APPLICATION AS ANTI GAS POLLUTANT MASK	SCIENCE	INDONESIA	GISHELLA WILSON- ANGELICA CLEMENTINE HARUN RASJID	BRONZE
4934	IMPROVING THE EFFICIENCY OF COAGULATIVE WATER TREATMENT OF SURFACE SOURCES	SCIENCE	UKRAINE	DANIIL KIRYCHENKO	HONORABLE
4936	DEVELOPMENT OF SEAWEED BASED NONTOXIC BIOPLASTICS WITH LOW METHANE PRODUCTION DURING BIODEGRADATION	SCIENCE	MARYLAND, UNITED STATES	HANNAH LEE	GOLD
4937	DEVELOPMENT OF A DIAGNOSTIC TECHNIQUE USING THE SPECIFIC AMPLIFICATION OF SHIGELLA FLEXNERI MARKER GENE	SCIENCE	MASSACHUSETTS, UNITED STATES	SEOYOUNG LEE	BRONZE
4939	UTILIZATION OF MICROALGAE PHOTOBIOREACTORS IN HOUSING	SCIENCE	TURKEY	MUGE BERBER- VANESSA FRANKO	HONORABLE
4941	CALCULATION OF MICROPLASTICS EMITTED FROM VEHICLE TYPES IN TURKEY AND THEIR COLLECTION OF USING THE PRINCIPLE OF STATIC ELECTRICITY	SCIENCE	TURKEY	LEYLA RANA COPTY- TUANA BASER	BRONZE
4945	THE TRAGEDY OF VENUS	ART	SOUTH KOREA	EILEEN KIM	GOLD
4947	A BIRD'S SAD TRUTH	ART	SOUTH KOREA	EILEEN KIM	GRAND
4949	DEVELOPMENT OF MIRNA TYPES AND EXOSOMES INTO PROTECTIVE AGENTS AGAINST HUNTINGTONS DISEASE	SCIENCE	SOUTH KOREA	YEJIN KONG	SILVER
4951	COMPARISON OF PECTIN BASED FILMS FROM AUSTRALIAN INDIGENOUS AND NON INDIGENOUS FRUIT FOR ECO FRIENDLY EDIBLE ENCAPSULATION APPLICATIONS	SCIENCE	AUSTRALIA	TOOBA IRFAN	SILVER
4955	MODIFIED PHOTOBIOREACTOR TO PURIFY CARBON DIOXIDE RICH AIR INTO OXYGEN RICH AIR	SCIENCE	INDONESIA	SABILA YASIRA- SASI KIRANA FADIYA	GOLD
4956	SAVING PRECIOUS PLANT	ART	SOUTH KOREA	SOYEON KIM	BRONZE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
4957	ADOPT DON'T SHOP	SHORT FILM	MACAU	PUI WA HONG- KAILOK CHEONG	HONORABLE
4960	ECO FRIENDLY WASTAFEL AS A SOLUTION FOR WASTE HANDWASHING WATER IN PANDEMIC	SCIENCE	INDONESIA	DHAFIN RAZIQ ADNAN- DIMAS RADITYA NUGRAHA	HONORABLE
4961	ENDING ELECTRICITY SHORTAGES IN ZIMBABWE BY TURNING A CLAY BRICK INTO A SUPERCAPACITOR	SCIENCE	ZIMBABWE	RUVARASHE MOYO	BRONZE
4965	DEVELOPMENT OF HYDROGEL BASED WOUND HEALING PATCH WITH 6 GINGEROL FOR ANIMALS	SCIENCE	SOUTH KOREA	JENNIFER YU	GOLD
4969	WE ARE THE ROOTS	SHORT FILM	SOUTH AFRICA	SYEDA AMINA MOHIUDEEN	BRONZE
4971	COVID 19 MY STORY	SHORT FILM	VIET NAM	NGUYEN ANH KHOA - COOK QUANG BENJAMIN	BRONZE
4976	BOOSTING SOLAR PANELS USING BIOSYNTHESIZED CUO/ZNO NANOPARTICLES AND CHANGING THEIR DESIGN	SCIENCE	JORDAN	ZADE MANSI	BRONZE
4981	BACKPACK MOUNTED GENERATOR	BUSINESS	SOUTH KOREA	ALFRED YOON	BRONZE
4983	ENVIRONMENTALLY SAFE REMOVAL OF ZEBRA MUSSELS	SCIENCE	WISCONSIN, UNITED STATES	REBECCA HEBERT- SEAN BRUCH	SILVER
4986	ASSOCIATION BETWEEN PREFERENCES FOR MUSICAL ATTRIBUTES AND EMOTIONAL INTELLIGENCE	SCIENCE	NEW YORK, UNITED STATES	MARTIN MASHALOV	HONORABLE
4989	USING AN IMAGE CLASSIFIER FOR QUALITY ASSESSMENT OF DERMOSCOPY IMAGES	SCIENCE	NEW YORK, UNITED STATES	JACOB SELLITTI	HONORABLE
4990	INVISIBLES ISSUES TO BE ADDRESSED TO ATTEND TO THE SOCIAL AND HUMAN DIMENSIONS IN THE CITY OF SAO PAULO A CASE STUDY	SCIENCE	BRAZIL	ISABELA HUTZLER	HONORABLE
4992	IDENTIFYING TARGETABLE KINASES IN ENDOMETRIAL CANCER	SCIENCE	NEW YORK, UNITED STATES	STELLA SCHLUMBOM	GOLD
4993	IMPROVING MASK CONVENIENCE WITH THE DEHUMIDIFYING EFFECT OF PINECONES	SCIENCE	SOUTH KOREA	MINSEO KIM- KIMMY LEE	BRONZE
4999	OCEAN PRESERVATION POSTER	ART	SOUTH KOREA	RACHEL LEE	SILVER

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
5004	THE BLINDS SHINE	SCIENCE	TUNISIA	NESSRINE KARMANI- TESNIM BEN BRAHIM	BRONZE
5005	THE USE OF PEANUT SHELLS FOR HEAVY METAL ADSORPTION IN WASTEWATER TREATMENT	SCIENCE	VIET NAM	MY PHUNG- NGUYEN TRAN	SILVER
5007	ECO FRIENDLY OIL ABSORBENT BUSINESS OIL CATCHER	BUSINESS	SOUTH KOREA	SUNMIN LEE- SARAH KIM	GRAND
5009	THE FADING GOAN TREASURE	CREATIVE WRITING	INDIA	NYSA ADURKAR	GOLD
5010	INVESTIGATION OF THE PHOTOELECTROCHEMICAL PROPERTIES OF BLACK ANODIC TITANIA	SCIENCE	LATVIA	OTOMARS GULBIS	BRONZE
5012	CAN WE USE FISH WATER AS A FERTILIZER IN A HYDROPONIC SYSTEM?	SCIENCE	KOSOVO	DIELL DEVAJA- HANA CAKAJ	HONORABLE
5018	ENHANCING HYDROGEN GENERATION FROM WATER ELECTROLYSIS BY OPTIMIZING ELECTRODE GEOMETRY AND METALLIC FABRIC ELECTRODES	SCIENCE	NEW JERSEY, UNITED STATES	TIMOTHY KIM	HONORABLE
5020	HDPE VAWT	SCIENCE	JORDAN	OMAR ABUQAYYAS- ABDELRAHMAN ALHINTI	HONORABLE
5021	(SIMON)SMART INSTRUMENT FOR MUTE DEAF AND OTO RHINO LARYNGOLOGY NON SPEAKERS	SCIENCE	EGYPT	SANDY SALEM ANWAR	SILVER
5025	NITROGEN POLLUTION ENVIRONMENTAL PLAN	BUSINESS	CALIFORNIA, UNITED STATES	BILL SUN	HONORABLE
5028	INVESTIGATING A NOVEL EXOSOME BASED STRATEGY TO INCREASE BIOAVAILABILTY OF CURCUMIN FOR TREATMENT OF FORMALDEHYDE INDUCED NEUROTOXICITY	SCIENCE	UNITED KINGDOM	SASHA FULTON	HONORABLE
5029	A NOVEL 3D PRINTED VENTILATOR FOR COVID 19	SCIENCE	CALIFORNIA, UNITED STATES	HARJAISAL BRAR	SILVER
5033	EVERYDAY INERTIA	SHORT FILM	TANZANIA	AGA MRAWIRA	HONORABLE
5034	DESIGNING A FLEX SENSOR BASED POSTURE TRAINER AND DETERMINING ITS EFFECT ON SEDENTARY POSTURE	SCIENCE	LOUISIANA, UNITED STATES	GRACE CRIFASI	SILVER
5035	ENVIRONMATES: WASTE CLASSIFICATION VIA MACHINE LEARNING	BUSINESS	TEXAS, UNITED STATES	SAI BOMMINENI- ROHIT CHAKKA	SILVER

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5040	THE WAVES FISH CONTROLLER	SCIENCE	TUNISIA	FEDI NABLI- FAYEZ ZOUARI	HONORABLE
5045	SEARCHING FOR OBLIQUITY PLANETARY CHAOS DURING THE DAWN OF THE DINOSAURS	SCIENCE	NEW YORK, UNITED STATES	JOSEPH KLEINMAN	HONORABLE
5049	HORIZONTAL FLOW RATE RESEMBLING NATURAL HABITAT: THE SEARCH FOR FACTORS FOR THE GROWTH OF POLYPTERUS SENEGALUS	SCIENCE	SOUTH KOREA	SEUNG JUN SHIN-HYUNMIN LEE	BRONZE
5051	SELECTION AND UTILIZATION OF SOIL MATERIALS TO ELIMINATE RESIDUAL ANTIBIOTIC CONTAMINATION OF SOIL	SCIENCE	SOUTH KOREA	ABIGAIL KIM- SEOJIN LEE	SILVER
5053	THE PHYTOREMEDIATION OF BRINE CONTAMINATED SOILS	SCIENCE	NORTH DAKOTA, UNITED STATES	EVAN KNOLL	BRONZE
5058	HUMAN EFFECTS ON GRAY WOLF (CANIS LUPUS) DEN RELOCATION DISTANCE IN NORTHEASTERN MINNESOTA	SCIENCE	MINNESOTA, UNITED STATES	GRACE LAVAN	HONORABLE
5059	INVESTIGATING THE USE OF PACKAGED STERICALLY STABILIZED OOBLECK TO FILL POTHOLES AND REDUCE THEIR DANGEROUS EFFECTS IN AN ECONOMICAL AND ENVIRONMENTALLY FRIENDLY MANNER	SCIENCE	INDIA	MIHIR SARIPALLI	BRONZE
5061	CREATING A MULTILINGUAL PARKINSON'S DISEASE DETECTION TOOL WITH MACHINE LEARNING	SCIENCE	VIRGINIA, UNITED STATES	YASH SAXENA	HONORABLE
5065	THE BIOREMEDIATION OF TETRACYCLINE POLLUTED SOILS AND HOW ANTIBIOTIC RESISTANCE CAN REDUCE ANTIBIOTIC POLLUTION IN THE ENVIRONMENT WITH A SOLUTION TO GROUNDWATER ANTIBIOTIC POLLUTION	SCIENCE	TEXAS, UNITED STATES	SANJANA HIREMATH-SRIYA TEERDHALA	HONORABLE
5068	THE EFFECTIVE REMOVAL METHOD OF FORMALDEHYDE BY APPLYING THE COUNTERFLOW PRINCIPLE TO FERRATE SOLUTION	SCIENCE	SOUTH KOREA	SEUNGBEE PARK-MICHELLE BOK	HONORABLE
5072	PILE	ART	MASSACHUSETTS, UNITED STATES	JUNGSUK LEE	BRONZE
5075	THE END OF US	ART	MASSACHUSETTS, UNITED STATES	JUNGSUK LEE	BRONZE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
5076	CERVICAL TISSUE ENGINEERING WITH 3D BIOPRINTING OF MESENCHYMAL STEM CELLS	SCIENCE	TURKEY	KIVANC NESANIR- EFE NESANIR	BRONZE
5098	INVESTIGATING DIFFERENTIAL GENE EXPRESSION IN COVID 19 PATIENTS WITH MILD VERSUS SEVERE SYMPTOMS	SCIENCE	MASSACHUSETTS, UNITED STATES	JOONHYOUNG BEN KIM- MELISSA KIM	BRONZE
5100	ECOBX	BUSINESS	NEW YORK, UNITED STATES	YU SUNG HONG	HONORABLE
5101	DETECTION OF ARSENIC CONTAMINATION USING SATELLITE IMAGERY AND DEEP LEARNING	SCIENCE	CALIFORNIA, UNITED STATES	AYUSH AGRAWAL	BRONZE
5112	EXSTRAW	BUSINESS	SOUTH KOREA	JEONGJIN LEE- MIN CHOI	HONORABLE
5118	MODELING OF THE SARS COV 2 SPIKE PROTEIN FOR DEVELOPMENT OF MONOCLONAL ANTIBODIES	SCIENCE	NEW YORK, UNITED STATES	MATTHEW MCCORMICK	BRONZE
5123	TALES OF NATURE	CREATIVE WRITING	GEORGIA, UNITED STATES	ASHIKA SRIVASTAVA	GRAND
5126	TIREHOOD BUSINESS PLAN	BUSINESS	NEW JERSEY, UNITED STATES	ANDRIC LU	BRONZE
5139	TARGETING METASTATIC CANCER WITH SIRNA MEDIATED INHIBITION OF CEP192	SCIENCE	NEW YORK, UNITED STATES	AVA SOLIS	SILVER
5144	CONCERTO IN G MAJOR	MUSIC	ILLINOIS, UNITED STATES	JEANNIE KIM	BRONZE
5146	SWIFTLY	BUSINESS	MASSACHUSETTS, UNITED STATES	RAAHIM SYED- SAI CHANDA	HONORABLE
5151	BITTER SUNSETS THE WORLD THE YOUTH INHABIT	CREATIVE WRITING	NEW JERSEY, UNITED STATES	MOHO GOSWAMI	SILVER
5155	A NOVEL MOBILE APP TO FOSTER A SUSTAINABLE ENVIRONMENT FOR TEEN MENTAL HEALTH	BUSINESS	ARIZONA, UNITED STATES	AKSHAYA VENKATESH	BRONZE
5157	ECOAI: AN ECOLOGICAL SIMULATOR USING A RULE BASED ALGORITHM AND REINFORCEMENT LEARNING	SCIENCE	TEXAS, UNITED STATES	ARYAN VEMURI	HONORABLE
5160	ELEPHONIC : A NOVEL APPROACH TOWARDS THE DETECTION OF ELEPHANT RUMBLES AND THE PREVENTION OF POACHING USING MACHINE LEARNING	SCIENCE	TEXAS, UNITED STATES	SHANTIKIRAN CHANAL	SILVER

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
5161	REUNITED LOVE	CREATIVE WRITING	INDIA	GOBINDBIR SINGH BAVEJA	HONORABLE
5164	IN SILICO ANNOTATION OF PHENOLAMIDES IN PLANTS IN TANDEM MASS SPECTRA	SCIENCE	PENNSYLVANIA, UNITED STATES	ANKER ZHAO	HONORABLE
5165	TODUE	BUSINESS	NEW YORK, UNITED STATES	CARSON COHEN	BRONZE
5167	ONE PICTURE AT A TIME	CREATIVE WRITING	MARYLAND, UNITED STATES	YURI LEE	HONORABLE
5173	DOES MAN DESERVE A SECOND CHANCE?	CREATIVE WRITING	EGYPT	AHMED MAHMOUD	HONORABLE
5174	BATTLE OF THE BIOPLASTICS DEVELOPING HOME BASED ORGANIC BIODEGRADABLE PLASTICS AS AN ALTERNATIVE TO COMMERCIAL BIOPLASTIC	SCIENCE	MISSOURI, UNITED STATES	KAREENA KANUMURY	HONORABLE
5176	THE TRUE BLUE SKY	CREATIVE WRITING	TEXAS, UNITED STATES	KYULEE KIM	BRONZE
5179	VARIATION SERIOUS	MUSIC	UTAH, UNITED STATES	MEGAN TANDAR	GOLD
5181	GENE THERAPY: THE ANTITUMORAL EFFECTS OF TELOMERASE INHIBITION COUPLED WITH SUPPRESSED KRAS EXPRESSION FACILITATED BY A NOVEL CRISPR/CAS9 INNOVATION	SCIENCE	PENNSYLVANIA, UNITED STATES	VISHRUTH HANUMAIHGARI	SILVER
5183	POLLUED SNOW AND HAZE SKY	ART	PENNSYLVANIA, UNITED STATES	ANKER ZHAO	HONORABLE
5184	A NOVEL 3D PRINTED VENTILATOR FOR COVID 19	SCIENCE	CALIFORNIA, UNITED STATES	HARJAISAL BRAR	GOLD
5185	TENTS	ART	PENNSYLVANIA, UNITED STATES	ANKER ZHAO	HONORABLE
5187	A NON ELECTRIC INFANT WARMER WITH HEARTBEAT MODULE	BUSINESS	CALIFORNIA, UNITED STATES	NEAL PRAKASH	BRONZE
5188	WHERE WILL YOU GO	MUSIC	CANADA	TIFFANY SU	HONORABLE

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5190	CULTURALMUNCH	BUSINESS	MASSACHUSETTS, UNITED STATES	AKARSH AURORA- ARUSH SHARMA	HONORABLE
5191	ANALYZING THE EFFECTS OF ECIGARETTE VAPOR INHALATION ON PULMONARY BLOOD VESSELS	SCIENCE	NEW JERSEY, UNITED STATES	MADELINE DAVIS	HONORABLE
5192	A SYSTEMATIC SOLUTION TO REVEAL THE MECHANISM OF KELP FOREST RESILIENCE AND SUSTAINABILITY ALONG CALIFORNIA CENTRAL COAST THROUGH MACHINE LEARNING AND PREDICTIVE MODELING	SCIENCE	CALIFORNIA, UNITED STATES	ALICE FENG	SILVER
5201	ARSENIC POISONING	SCIENCE	MOZAMBIQUE	AFRA TRAS- ZEYNEP DEDE	HONORABLE
5203	MAINTAINING WATER LEVEL IN THE SOIL	SCIENCE	MOZAMBIQUE	NIKSHY JATIN SACARLAL- KHENSANI LOUSADA MULATE	GOLD
5204	ENVIRONAMENT IS NOT ONLY YOURS	ART	MOZAMBIQUE	PARMIS SOLTANI	HONORABLE
5205	SAVE NATURE TO SAVE YOUR FUTURE	ART	MOZAMBIQUE	ZEYNEP EFETURK	BRONZE
5207	TRANSFORMING STYROFOAM TO FILTER WATER	SCIENCE	MOZAMBIQUE	LUWAYA NAHARA MOMADE VAZ MOAMBA- JESSICA CASIMIRO TRIGO	HONORABLE
5209	BIOCAPS FOR WINE AND BEER PRODUCED IN OUR SCHOOL	SCIENCE	ITALY	MADDALENA MACELLI, JACOPO ROVATI	HONORABLE
5214	FIRE ON OUR HANDS	ART	SOUTH KOREA	RACHEL AHN	SILVER
5221	WHERE WILL THE CHILDREN PLAY?	MUSIC	MEXICO	WHERE WILL YOU GO	HONORABLE
5233	ECO FRIENDLY REMEDIATION OF ARSENIC FROM CONTAMINATED WATER RESOURCES USING IRON FORTIFIED SPINACH ROOTS AND BIOCHAR	SCIENCE	CONNECTICUT, UNITED STATES	ELIZABETH WALLACE	SILVER
5234	INNOVATION IN PRODUCT PACKAGING	BUSINESS	INDIA	HITARTH KHURANA- ANSH TALWAR	SILVER
5254	YEAST FOR ENDING HUNGER	SCIENCE	ZIMBABWE	TAIDAI SHE MBIZVO	HONORABLE

P-ID#	PROJECT TITLE	Discipline	COUNTRY	STUDENTS	AWARD
5265	PREDICTING THE EXTENT OF LATE SEASONAL WILDFIRES IN WASHINGTON USING THE CORRELATION BETWEEN THE STANDARDIZED PRECIPITATION INDEX AND BURNED AREA DATA	SCIENCE	WASHINGTON, UNITED STATES	SAKETH DHULIPALLA	HONORABLE
5266	SEPARATING MICROPLASTICS FROM SAND USING TERMINAL VELOCITY AND DENSITY DIFFERENCES	SCIENCE	WASHINGTON, UNITED STATES	HANNAH CHEN	SILVER
5267	FACILE AND GREEN ASSEMBLY OF A NOVEL PHOTOVOLTAIC ARRAY COOLING MECHANISM: A STUDY PREVENTING HOT SPOT DAMAGE USING A SEALED LIQUID COOLING UNIT WITHIN A HYDROPHOBIC ENCASEMENT	SCIENCE	ARKANSAS, UNITED STATES	LANDON RUNION DRISKEL	BRONZE
5270	SELF SUFFICIENT EARLY WARNING FIRE SYSTEM	SCIENCE	NEW YORK, UNITED STATES	ALEXIA SAVAGE	HONORABLE
5284	OCEAN FRIENDLY FERTILIZER	SCIENCE	NEW YORK, UNITED STATES	SYDNEY HAAS	HONORABLE