

session	board	Poster ID	location	Abstract submitter	Mentor	Title of Abstract
A	57	A-57	Avedisian	Chim, Peter	Abdelatti, Marwan	Essential Tremors
B	57	B-57	Avedisian	Taylor, Joshua	Abodun, Raodatullah	In Solution Characterization of Biomolecular Corona Formation on DNA-SWCNTs
A	1	A-1	FCAE - Toray	Doolittle, Matthew	Akosman, Ahmet	AI-Assisted Design and Experimental Validation of 3D-Printed Terahertz Fiber Sensors for Biomedical Sensing Toward Early Cancer Detection
B	1	B-1	FCAE - Toray	Huffman, Lukas	Akosman, Ahmet	Terahertz Spectroscopic Investigation of Biodegradable Microplastic Contaminated Liquids
A	62	A-62	Avedisian	Porricelli, Emma	Alker, Amanda	Optimizing CRISPR Associated Transposons (CASTS) to limit virulence of Vibrio pathogens within aquaculture and human microbiomes.
B	33	B-33	FCAE - Lower Level	Duong, Franny	Andreu, Irene	Synthesis and Characterization of Magnetic Nanoparticles for Utilization in Hydrogels
A	31	A-31	FCAE - Lower Level	Feikin, Yala	Andreu, Irene	The Role of Particle-Particle Collisions on the Generation of Secondary Microplastics
B	32	B-32	FCAE - Lower Level	Marchetti, Ethan	Andreu, Irene	Low-Power Valves for Robotic Planetary Exploration
B	31	B-31	FCAE - Lower Level	Olson, Whitley	Andreu, Irene	Role of Secondary Microplastics Formation on S. epidermidis Viability and Growth
A	32	A-32	FCAE - Lower Level	Valois, Connor	Andreu, Irene	Magnetically Responsive Shape Memory Composites for 4D Printing
A	34	A-34	FCAE - Lower Level	Girzadas, Susan	Banker, Roxanne	Comparison of Mya arenaria Habitat Characteristics at Two Locations in the Great Salt Pond of Block Island, RI
B	34	B-34	FCAE - Lower Level	Plante, Aiden	Banker, Roxanne	Diversity of Southern New England's Rocky Intertidal Zone
B	58	B-58	Avedisian	Muscianisi, Fabio	Bleick, Callan	Isolated Bacteriophages from the University of Rhode Island Demonstrate Antibacterial Activity Against Multidrug-Resistant Staphylococcus aureus
A	35	A-35	FCAE - Lower Level	Garies, Adam	Bonoan, Rachael	Establishing Goal-Oriented Pollinator Gardens in Southeastern New England
B	35	B-35	FCAE - Lower Level	Schneider, Cael	Bonoan, Rachael	How far can city bees travel for food?
B	36	B-36	FCAE - Lower Level	Hague, Morgan	Carnevale, David	Synthesis Analysis of Sm based Magnetic Nanoparticles
A	36	A-36	FCAE - Lower Level	Micalizzi, Diana	Carnevale, David	Microwave-Assisted Synthesis and Characterization of Multifunctional Nanomaterials
A	33	A-33	FCAE - Lower Level	Dakin, Ava	Carroll, Maria	Synthesis and Characterization of Iron α -Diimine Complexes and Exploration of Applications in Electrocatalytic Reactions
A	59	A-59	Avedisian	Boucher, Samuel	Cho, Yae In	Synthesis and Metal Complexation of Schiff Base Ligand Library for G-Quadruplex Binding Studies

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B	59	B-59	Avedisian	Hatch, Genevieve	Cho, Yae In	Synthesis and Characterization of Aldehyde-Variant Salen/Salphen Ligands for G-Quadruplex-Targeting Metal Complexes with Potential Anticancer Applications
B	60	B-60	Avedisian	Mason, Meredith	Cho, Yae In	Building the Foundation for Combinatorial Biosynthesis of Novel Catecholate Siderophores with Bioremediation Potential
A	60	A-60	Avedisian	Eldridge, Teagan	Cho, Yae In	Biochemical Protein Workflow for Future Combinatorial Biosynthesis of Novel Siderophores
A	61	A-61	Avedisian	Kerber, Anela	Dailey, Dr. Kaitlin	Reproducible Fluorescent Labeling of Clostridium novyi-NonToxic Spores with Preserved Spore Viability
B	61	B-61	Avedisian	Starace, Maddie	Dailey, Kaitlin	Staining of Clostridium novyi-NonToxic Spores to Indicate Surface Composition and In Vivo Tracking Longevity
B	62	B-62	Avedisian	Way, Amanda	Dailey, Kaitlin	Optimizing Calcium Competency Conditions for Plasmid Uptake in Clostridium novyi-NT
B	2	B-2	FCAE - Toray	Hepworth, Sienna	D'Angelo, Alessandra	Validating Methods for Assessing Microplastic Ingestion in Arctic Zooplankton
A	2	A-2	FCAE - Toray	DiNovi, Sabrina	Davis, Sarah	Characterizing Plastic and Non-Plastic Litter on Rhode Island, USA Beaches
A	3	A-3	FCAE - Toray	Goldzweig, Lily	Davis, Sarah	Ingestion and accumulation of microplastics in the Ribbed Mussel (<i>Geukensia demissa</i>)
B	3	B-3	FCAE - Toray	Ruddy, Corinne	Davis, Sarah	Microplastics in Narragansett Bay food webs: variation across trophic positions as observed in ribbed mussels (<i>Geukensia demissa</i>) and bufflehead ducks (<i>Bucephala albeola</i>)
B	5	B-5	FCAE - Toray	Anderson, Kéa	Diamond, Emily	Public Perceptions of Microplastic Pollution in Narragansett Bay: Everyday Relevance, Information Sources, and Consumer Behavior
B	4	B-4	FCAE - Toray	Fernandes, Nathan	Espinosa, Avelina	Development of an Electrochemical Genosensor for the Detection of <i>Pseudo-nitzschia delicatissima</i>
A	4	A-4	FCAE - Toray	Wangari, Racheal	Espinosa, Avelina	Designing Molecular Gene Probes Using Bioinformatics and Molecular Tools to Detect the 'Presence' of <i>Pseudo-nitzschia delicatissima</i>
B	63	B-63	Avedisian	Jegede, Temidayo	Fallini, Claudia	Investigating the Effects of TDP-43 and SYNE1 Knockdown on Nuclear Homeostasis in ALS
B	37	B-37	FCAE - Lower Level	Harrington, Shelagh	Ford, Emily	<i>Tetrahymena pyriformis</i> Does Not Exhibit Dose Response to Combinations of Common Heavy Metal Pollutants
A	37	A-37	FCAE - Lower Level	Kelly, Jacob	Ford, Emily	Hypoxia Plus Heavy Metals Alters Growth in <i>Tetrahymena pyriformis</i>
A	38	A-38	FCAE - Lower Level	Makasha, Hevelina	Ford, Emily	Phagocytosis of Microplastics in <i>Tetrahymena pyriformis</i>
B	38	B-38	FCAE - Lower Level	Rizzo, Rocio	Ford, Emily	Temperature Stress Alters Heavy Metal Response in <i>Tetrahymena pyriformis</i>
B	39	B-39	FCAE - Lower Level	Cararini, Brynn	Geana, Andra	Predicting the impact of early and midlife lifestyle factors on dementia risk using retrospective study and machine learning approaches

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A	39	A-39	FCAE - Lower Level	Moore, Zaire	Geana, Andra	Feedback structure may impact link between Performance and Metacognitive Confidence differently in ADHD and no-ADHD groups
A	40	A-40	FCAE - Lower Level	Smith, Veronica	Geana, Andra	Using AI assistants changes cognitive problem-solving profile and physiological responses to stress.
A	5	A-5	FCAE - Toray	Turbi, Elizabeth	Hewins, Daniel	Gaining insight into perspectives on microplastics pollution through summer camp curriculum at Camp Woonasquatucket.
A	6	A-6	FCAE - Toray	Pamias-Nieves, Paola	Jeznach, Lillian	Effects of wind speed and direction on microplastic deposition in Narragansett Bay
B	6	B-6	FCAE - Toray	Szenda, Logan	Jeznach, Lillian	Anthropogenic and Environmental Factors Influencing Microplastic Concentrations in Rhode Island Rivers
B	41	B-41	FCAE - Lower Level	Frieswick, Amanda	Jimenez, Yordano	CritterBender: multi-axial tool for comparative biometrics and physiology
A	41	A-41	FCAE - Lower Level	Salina, Olivia	Jimenez, Yordano	Three passive mechanisms allow the caudofemoralis longus to serve terrestrial and aquatic locomotion in the American alligator
A	42	A-42	FCAE - Lower Level	Donnelly, Ryan	Kausch, Albert	Do Genome Editing Tools Effect Transformation Efficiency in Sorghum Bicolor?
B	42	B-42	FCAE - Lower Level	Donnelly, Ryan	Kausch, Albert	Analysis of Parameters for Improved Morphogenic-Regulator-Meditated-Transformation Using Immature Embryo Explants in Sorghum bicolor
A	63	A-63	Avedisian	Howard, Maryam	Kiesewetter, Matthew	Amidated Tung Oil for Sustainable Wood Coatings
A	64	A-64	Avedisian	Gira, Earth	Lavoie, Thomas	Evaluating the Antimicrobial Activity of Durlobactam Against Carbapenem-resistant Enterobacterales
B	9	B-9	FCAE - Toray	Perez, Sandra	Lin, Yang	AI-Driven Spectroscopy of Microplastic Aging: A Standardized Pipeline
B	64	B-64	Avedisian	Santiago, Michaelangelo	Liu, Pengyu	Quantum Mechanical Analysis of The Thermodynamic Stability of Secondary RNA Structure
A	65	A-65	Avedisian	Tomosieski, Luke	Ma, Jian	Mechanism of O6-Methylguanine Oxidative Demethylation by FTO-Mediated Repair and its Implications for Disease
B	7	B-7	FCAE - Toray	Lesiak, Ava	Maia, Anabela	Beaches in your Backyard - Mapping our Coastal Communities' Flooding
A	7	A-7	FCAE - Toray	Lopes, Amber	Maia, Anabela	Ready for Recovery: Preparing Coastal Communities for Extreme Weather Through Education and Outreach
A	8	A-8	FCAE - Toray	Shepard, Elizabeth	Maia, Anabela	Fishing Through Microplastics: The Impact of Microplastics on Black Sea Bass
B	8	B-8	FCAE - Toray	Sotomayor, Melany	Maia, Anabela	Investigating Microplastics in Scup from Narragansett Bay
A	9	A-9	FCAE - Toray	Seitkarim, Suleimen	Maia, Anabela Maria	Skates have microplastics too!

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B	11	B-11	FCAE - Toray	Victoria Ortiz, Victoria	Mannino, Abrielle	Mapping Sea Level Induced Inundation of At Risk Health Care Facilities in Vanuatu Using Geospatial Analysis and Digital Surface Modelling
B	65	B-65	Avedisian	Moeda, Mariana	Manuel, Marin	Optimizing fictive locomotion conditions for the study of locomotor spinal networks
A	10	A-10	FCAE - Toray	Aldana Mendez, Anthony	Markert, Jeffrey	Exploring Aerial Environmental DNA Methods for Invasive Species Detection.
B	10	B-10	FCAE - Toray	Sullivan, Matthew	Markert, Jeffrey	Evaluating the Detection of Allelic Variation in Atlantic Killifish with Environmental DNA
B	40	B-40	FCAE - Lower Level	Marn, Allison	Marn, Allison	Terahertz Fourier Ptychographic Imaging for Biomedical Samples
A	66	A-66	Avedisian	Jorge, Reynaldo	McEachern, Emily	Investigation of Possible Synthetic Pathways of Boron-Based Metal Catalysts
A	11	A-11	FCAE - Toray	Ramos, Anthony	Medina, Vincent	Mortality Saliency, Delay Discounting, and Environmental Risk Perceptions
A	67	A-67	Avedisian	Pereira, Thalyta	Meschwitz, Susan	Targeting Quiescent and E. coli for Preventing Recurrent Urinary Tract Infections
B	67	B-67	Avedisian	Torres, Emma	Meschwitz, Susan	HPLC Purification of Synthesized Peptides for Investigation of Quiescent Uropathogenic E. Coli
A	68	A-68	Avedisian	Winters, Chloe	Meschwitz, Susan	Synthesis of Peptides to Combat Quiescent E. coli for the Prevention of Recurrent Urinary Tract Infections
B	69	B-69	Avedisian	Kenelak, Fandra	Miller, Bailey	HPLC-Guided Isolation of a Natural Product from a Rhode Island Marine Shipworm.
A	69	A-69	Avedisian	Lilly, Ash	Miller, Bailey	Medicines From The Sea: Antimicrobial Potential of a Rhode Island Shipworm Symbiont
B	70	B-70	Avedisian	Doliscar, Gloria	Munge, Bernard	Nanostructured Bio- barcode Immunosensor based on Ferrocene and Copper ions Polymer bead bioconjugate for Multiplex Electrochemical Detection of Cancer biomarker proteins
A	70	A-70	Avedisian	kabat, isabella	Munge, Bernard	Nanostructured Immunosensor Array based on Poly-Horseradish peroxidase (HRP) for Rapid Simultaneous Electrochemical detection of Cancer biomarker Proteins
A	71	A-71	Avedisian	Carbuccia, Amelia	Murdoch, Caitlin	Investigating the Role of Intracellular Zinc Mobilization on Neurogenesis
B	71	B-71	Avedisian	MacLennan, Skyelar	Murdoch, Caitlin	Identification of Novel Microbial Factors that Regulate Vertebrate Metal Sensing
B	12	B-12	FCAE - Toray	da Silva, Alexander	Narvaez Diaz, Carla	Microplastic contamination in Rhode Island coastal waters and flounders Paralichthys dentatus and Pseudopleuronectes americanus
A	13	A-13	FCAE - Toray	Furtado, Noah	Narvaez Diaz, Carla	Spatial distribution of adhesive granules in sea urchin Strongylocentrotus purpuratus tube feet discs
B	13	B-13	FCAE - Toray	Rosario, Susan	Narvaez Diaz, Carla	Arbacia punctulata immunological response to thermal stress

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A	12	A-12	FCAE - Toray	Tanjong, Shakina	Narvaez Diaz, Carla	Effects of energetic stress on the development of gonads in the Purple Sea Urchin (Strongylocentrotus purpuratus)
A	22	A-22	FCAE - Toray	Dyehouse, Chloe	Nicholson, Charlie	Pollinators of maleberry (Lyonia ligustrina) in the Rhode Island Great Swamp
B	68	B-68	Avedisian	Jun, Michelle	Onacea, Elena	The Human Epidermal Melanocyte non-visual opsin 5 (OPN5) is activated by physiological doses of solar UVA and leads to Ca2+-mediated increase in melanin
A	16	A-16	FCAE - Toray	Cabral, Gale	O'Neill, Dan	Sea Urchin!
B	16	B-16	FCAE - Toray	Bautista Dygert, Grace	O'Neill, Dan	Return to the Universe
B	17	B-17	FCAE - Toray	Guilmette, Bradyn	O'Neill, Dan	Cartwheel
B	18	B-18	FCAE - Toray	Porter, Avery	O'Neill, Dan	Hidden Perspectives
A	15	A-15	FCAE - Toray	ames, aaron	O'Neill, Dan	51 summers
A	17	A-17	FCAE - Toray	Crosby, Elwood	O'Neill, Dan	Poem of the Common Dandelion
B	15	B-15	FCAE - Toray	Houle, Emily	O'Neill, Dan	Many Hands
A	18	A-18	FCAE - Toray	Kukulka, Samantha	O'Neill, Dan	Hidden Beauties
B	19	B-19	FCAE - Toray	Walsh, Zoe	O'Neill, Dan	The Resilience of Fiber Art Through Human Evolution
A	19	A-19	FCAE - Toray	Zoglio, Rook	O'Neill, Dan	Little Hidden Things
A	20	A-20	FCAE - Toray	Bratsos, Abigail	O'Shea, Stephen	Sunburned Plastic: The Effect of UV Radiation on Plastics
B	20	B-20	FCAE - Toray	Falcon, Christian	O'Shea, Stephen	Metals Meeting Microplastics - A Fatal Attraction
A	21	A-21	FCAE - Toray	Raposo, Marcus	O'Shea, Stephen	A Wrack of Our Own Making: The Characteristics and Impacts of Plastics Entangled in Macroalgae
B	21	B-21	FCAE - Toray	Riley, Kayla	O'Shea, Stephen	Influence of Sediment Adhesion and Surface Weathering on the Spectroscopic Characterization of Microplastics
B	25	B-25	FCAE - Toray	Heller, Grace	Oyanedel-Craver, Vinka	Standardizing Small-Scale PLA Bioplastic Composting
B	23	B-23	FCAE - Toray	Narvaez, Korryn	Oyanedel-Craver, Vinka	Characterizing Particles Emitted During Stages of a Plastic Paver Recycling Process

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B	24	B-24	FCAE - Toray	Zhang, Tianyu	Oyanedel-Craver, Vinka	Recycle HDPE Plastic Paver Design
A	72	A-72	Avedisian	DiBiase, Sunshine	Patterson, Larissa	Spot the Difference: Temperature-Sensitive Melanophore Phenotypes in Adult oberon Mutant Zebrafish
B	72	B-72	Avedisian	Dion, Benjamin	Patterson, Larissa	Making Mutants: CRISPR Knockouts to Test the Specificity of Temperature-Sensitive Pigmentation in Zebrafish
B	73	B-73	Avedisian	Prata, Jacquelyn	Patterson, Larissa	Detecting early larval phenotypes of temperature-sensitive oberon mutants
B	22	B-22	FCAE - Toray	Saunders, Lilah	Peck, Erin	Changes in Rhode Island Salt Marsh accretion rates and organic matter contents relative to sea level rise over a forty year period
A	73	A-73	Avedisian	Lindo, Ashley	Philbrook, Alison	Investigating molecular mechanisms of cilia regrowth in C. elegans
A	23	A-23	FCAE - Toray	Gitelman, Naomi	Phillips, Brennan	Design and development of a deep-sea hydrophone with tethered fiber-optic communication to an UAV
B	74	B-74	Avedisian	Diluro, Lana	Pickett, C. J.	Comparing HA-3, HA-4, and HA-5 Cell Development During Inflammatory Challenge in Ciona intestinalis
A	74	A-74	Avedisian	Hally, Veronica	Pickett, C.J	Effects of Inflammatory Challenge on HA-1 and HA-2 Innate Immune Cell Development in Ciona intestinalis
B	75	B-75	Avedisian	Tenaglia, Angela	Pickett, C.J.	Investigating the Effects of Early Inflammatory Signals on Innate Immune Cell Lineage Specification in Ciona intestinalis
A	24	A-24	FCAE - Toray	Georgeou, Paige	Poling-Skutvik, Ryan	Developing an Optical Microscopy Method to Detect Microplastics in Environmental Samples
B	76	B-76	Avedisian	Ashley, Alonie	Post, Ryan	Exploring hypothalamic hunger circuits capable of suppressing competing needs
A	77	A-77	Avedisian	Botelho, Lily	Post, Ryan	Hypothalamic hunger neurons drive food consumption in the presence of visual and olfactory threat
A	76	A-76	Avedisian	Rohr, Madison	Post, Ryan	Medial prefrontal cortex ensembles bias action selection during motivational conflict
B	77	B-77	Avedisian	Theodorou, Christopher	Post, Ryan	Medial prefrontal cortical ensemble activation alters behavior in presence of competing motivations
A	75	A-75	Avedisian	masoka, claudine	Price, Kathryn	Childhood Trauma as a Moderator of the Relationship Between Ethnic Identity and Perceived Everyday Discrimination in Adults with PTSD and Alcohol Use Disorder
B	80	B-80	Avedisian	Samayoa, Shayla	Quinlan, Katharina	Retrograde Motor Neuron Labeling in the Rabbit Model of Cerebral Palsy
A	25	A-25	FCAE - Toray	Burns, Isabelle	Rahmani, Maryam	Investigation of DNA-SWCNTs as a Near-Infrared Fluorescence Sensor for HDPE Microplastic Detection
B	79	B-79	Avedisian	Akdemir, Fatma	Ramsay, Jason	Habitat-Associated Differences in Relative Neural Investment Between Two Coastal Shark Species: A Preliminary Comparative Neuroanatomical Study

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A	78	A-78	Avedisian	Brierley, Leah	Ramsay, Jason	Comparative morphology and mechanics of the coracomandibularis muscle, and its effects on jaw opening
B	78	B-78	Avedisian	Del Vicairo, Marie	Ramsay, Jason	Comparative Analysis of Hyoid Depression Mechanics in High-powered Suction, and Low- powered Suction-bite Feeding Sharks
A	79	A-79	Avedisian	Johnson, Nikolai	Ramsay, Jason	The complexly divided jaw muscles of cartilaginous fishes lift mechanical constraints associated with large joint angle changes.
A	80	A-80	Avedisian	Adediran, Aleemat	Remy, Kate	Investigating the role of uropathogenic Escherichia coli hemolysin genes in quiescence
B	81	B-81	Avedisian	Quinteros, Victoria	Reshetnyak, Yana	Targeting Acidic Environments with e-pHLIP
A	26	A-26	FCAE - Toray	Harvey, Cara	Rhyne, Andrew	Microfluidic Particles as Larval Diet: Development of Alginate Hydrogel Spheres
B	82	B-82	Avedisian	Bruno, Samantha	Rosenthal, Samantha	Occupational Participation After Brain Injury In Young Adults
A	82	A-82	Avedisian	Liz Villa, Miriam	Rosenthal, Samantha	Joint Associations of Psychosocial Resources with Mental Health Outcomes in Young Adults
A	81	A-81	Avedisian	Aquino, Lisbeth	Rosenthal, Samantha R.	Student Status Moderates the Association Between Employment Status and Annual Healthcare Checkups Among Young Adults
B	66	B-66	Avedisian	Le, Khanh	Rowley, David	Investigating Antibacterial Secondary Metabolites Produced By Streptomyces Strains Through OSMAC
B	26	B-26	FCAE - Toray	Kuester-Ha, Ellis	Rynearson, Tatiana	Using metabarcoding to build planktonic foodwebs on the Northeast Shelf
A	44	A-44	FCAE - Lower Level	Atay, Zehra	Scaplen, Kristin	Characterizing Serotonin Levels in the Brain of the Drosophila Serotonin Transporter Mutant (dSERT)
B	43	B-43	FCAE - Lower Level	Butler, Cyrus	Scaplen, Kristin	The Effects of Chronic Stress on Alcohol Tolerance in Drosophila
A	43	A-43	FCAE - Lower Level	Planchet, Isabelle	Scaplen, Kristin	Serotonin transport and ethanol-associated feeding in Drosophila melanogaster
B	44	B-44	FCAE - Lower Level	Ritchotte, Grace	Scaplen, Kristin	I See Dead Flies: Effects of Chronic Stress in Drinking in Drosophila
A	83	A-83	Avedisian	Hoffman, Vivian	Schrader, Joseph	Contributions of Extracellular Traps to Vascular Pathologies in CAA Model rTg-DI
B	27	B-27	FCAE - Toray	Perry, Charlie	Selby, John	Growth Response of Newly Described Suspected DDA Involving Leptocyldrus hargravesii to Light, Temperature, and Added Nitrogen Conditions
A	27	A-27	FCAE - Toray	Phelps, Collin	Sharon, Galit	Reproductive Development of M. mercenaria populations across Rhode Island
B	28	B-28	FCAE - Toray	Frey, Gillian	Sharp, Koty	Investigation of the Probiotic Potential of Pseudoalteromonas rubra in Aquaculture: Copepod Systems

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A	28	A-28	FCAE - Toray	Sarris, Mia	Sharp, Koty	Microbiome dynamics of reduced winter dormancy in the temperate coral <i>Astrangia poculata</i>
A	58	A-58	Avedisian	Willard, Elizabeth	shen, Chi	Developing Physics-Informed Machine Learning Models to Identify Microplastic Chemistry from Optical Microscopy
B	84	B-84	Avedisian	Bouchard, Kaylee	Shih, Ting-Yu	Development of Alginate Cryogels for Delivery of Immuno-Modulatory Proteins
A	84	A-84	Avedisian	Van Nostrand, Waela	Shih, Ting-Yu	Self-Amplifying RNA for Cerebral Amyloid Angiopathy Treatment
B	83	B-83	Avedisian	Thrasher-Kinsella, Isabella	Simione, Meg	Barriers and Facilitators to Family-Centered Care Across Pediatric Feeding Disorder Practice Settings
B	85	B-85	Avedisian	Guliye, Halima	Slitt, Angela	Evaluation of PFAS redistribution in serum and tissue following cholestyramine intervention
A	45	A-45	FCAE - Lower Level	Bridges, Campbell	Snodgrass-Belt, Pamela	Studying the Relationship Between Cellular Respiration and Mutated Clock Gene Expression Patterns
B	45	B-45	FCAE - Lower Level	Bridges, Campbell	Snodgrass-Belt, Pamela	Wheel-Running as a Window into the PTEN-KO Neurological Clock
A	46	A-46	FCAE - Lower Level	Kenfack, Annick	Stack, Tyler	Investigating the Substrate Specificity of Azo Bond Reduction in the Human Gut Microbiome
B	46	B-46	FCAE - Lower Level	Krizan, Zoe	Stack, Tyler	Screening Azobenzene Derivatives to Determine Effects of Electronics on Azoreductase Mechanism
A	47	A-47	FCAE - Lower Level	McCrillis, Molly	Stack, Tyler	Abundant and Ubiquitous Drug- and Dye-modifying Azoreductase Activity in the Human Gut Microbiome
A	85	A-85	Avedisian	Ranz Regalado, Ervin	Stegagno, Paolo	Virtual Reality Environment for Experimental Drone-Human Robot Interaction
B	29	B-29	FCAE - Toray	McCann, Meghan	Stilwell, Geoff	Desiccation Sensitivity in Mutated <i>sod1</i> <i>D. melanogaster</i> is Driven by Dysregulated Fatty Acid Metabolism
B	30	B-30	FCAE - Toray	Baldwin, Grace	Taylor, David	Spatial and temporal patterns in elasmobranch abundance around Block Island, RI
A	29	A-29	FCAE - Toray	Kasper, Adele	Taylor, David	Resident and Transitory Behavior in Juvenile Sand Tiger Sharks Using Acoustic Telemetry
A	30	A-30	FCAE - Toray	Natoli, Michael	Taylor, David	Mercury Contamination in Stocked Rainbow Trout Relative to Species in Upper Melville Pond, Portsmouth, Rhode Island
A	48	A-48	FCAE - Lower Level	Caffrey, Emma	Thibeault, Jane	Influence of fluctuating salinity on marine bacteria from Mt. Hope Bay
B	48	B-48	FCAE - Lower Level	Fleming, Maggie	Thibeault, Jane	Comparison of the Kinetic Stability and Structure of Superoxide Dismutase Variants
A	49	A-49	FCAE - Lower Level	Mark, Taylor	Thibeault, Jane	Screening Oxidative Stress Proteins for Hyper Kinetic Stability

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B	49	B-49	FCAE - Lower Level	Marshall, Mackenzie	Thibeault, Jane	Building LC/MS Workflows for Protein Stability Measurements
B	47	B-47	FCAE - Lower Level	Yacovelli, Gabriella	Tighe, Dr. Caitlan	How is savoring related to multidimensional sleep health and does the correlation differ among varying ages?
A	50	A-50	FCAE - Lower Level	Anjoorian, Katherine	Tobiansky, Daniel	Comparative Characterization of Markers Brain Injury in Woodpeckers and Songbirds
B	50	B-50	FCAE - Lower Level	Bowling, Gian Patrice	Towle-Weicksel, Jamie	Breast Cancer-Derived POLQ Variant E2370K Bypasses DNA Damage Induced by Chemotherapeutics
A	51	A-51	FCAE - Lower Level	Deary, Drew	Towle-Weicksel, Jamie	Characteristics of Deleted Loop Regions in zPol θ to Confirm Critical Functional Homology between zPol θ and hPol θ
B	51	B-51	FCAE - Lower Level	Parker, Isabella	Towle-Weicksel, Jamie	Generation of Y239C Full-Length DNA Polymerase Theta to Understand Possible Linkages to Melanoma Cancer Development
A	14	A-14	FCAE - Toray	Hill, Sara	Trandafir, Simona	Linking Rhode Island Local Food Supply and Consumer Demand: Integrating Spatial Food Flow Mapping with Consumers Demand Survey
B	86	B-86	Avedisian	Enos, Zoe	Van Nostrand, William	Investigation of Potential Detrimental Effects of Administration of Anti-A β Monoclonal Antibody in a Transgenic Rat Model of Cerebral Amyloid Angiopathy
A	86	A-86	Avedisian	Gutierrez, Zorayda	Varghese, Merina	Characterizing Microglial Distribution Around Tau Pathology in Alzheimer's Disease
B	52	B-52	FCAE - Lower Level	Juarez, Astrid	Vila Bolano, Camila	A Role for FA Proteins in Reproductive Aging and Serotonin-Dependent Egg Laying in <i>C. elegans</i>
A	52	A-52	FCAE - Lower Level	York, Chris	Wang, Fang	Building a Library of Platinum Anticancer Agents to Overcome Chemoresistance
A	53	A-53	FCAE - Lower Level	Svantesson, Sophie	Waters, Jane	Myrror of Öland: Natural history and environmental biology of ants from Sweden to New England
A	54	A-54	FCAE - Lower Level	DeBoer, Kate	Wen, Xuerong	Association Between Sodium-Glucose Cotransporter-2 Inhibitor Use and Gout Prevalence Among U.S. Adults with Diabetes: A Population-Based Cross-Sectional Study
B	54	B-54	FCAE - Lower Level	Otoo, Marianne	Wen, Xuerong	Early-Life Antibiotic Exposure and Risk of Neurodevelopmental Disorders: A Systematic Review and Meta-Analysis
B	53	B-53	FCAE - Lower Level	Yusuf, Hafizan	Wen, Xuerong	Association of Glucagon-Like Peptide-1 Receptor Agonists Use with Psychological Outcomes among Type 2 Diabetes Patients: A Target Trial Emulation
B	14	B-14	FCAE - Toray	Lin, Ellie	West-Puckett, Stephanie	North Woods Field Guide: Illustrating Ecology Through Deep Mapping
A	55	A-55	FCAE - Lower Level	Barboza, Jenna	Wise, Jillian	Benchmarking Computational Deconvolution Methods for Rare Cell Detection
B	55	B-55	FCAE - Lower Level	Perry, Mason	Wise, Jillian	Benchmarking Deconvolution Tools: BisqueRNA, CIBERSORT, CIBERSORTx, and DeconRNASeq to Identify the Optimal Predictor of Circulating Tumor Cells in Medulloblastoma Patients
B	56	B-56	FCAE - Lower Level	Viri, Kenia	Wise, Jillian	Development of Gene Signature Matrices for Deconvolution of Heterogeneous Cell Populations

session	board	Poster ID	location	Abstract submitter	Mentor	Title of Abstract
A	56	A-56	FCAE - Lower Level	Callahan, Alex	Yajima, Mamiko	Investigating the Role of STIM1 in Sea Urchin Embryonic Development