

# SCHEDULE

DAY 1	SUNDAY, June 16		
11:00am - 5:00pm	Onsite Registration - See Registration Desk		
1:00pm - 5:00pm	Exhibitor Setup - Hillsborough/Malpeque Room		
7:00pm - 9:00pm	<p align="center"><b>President's Reception</b> Complimentary for all Delegates Hillsborough/Malpeque Room</p>		
DAY 2	MONDAY, June 17		
8:00 - 5:00	Onsite Registration - See Registration Desk		
8:00 - 5:00	TRADESHOW (Hillsborough/Malpeque Room)		
8:00 - 8:30	Hot Beverage Station		
8:30 - 9:15	<p align="center"><b>O P E N I N G   C E R E M O N I E S</b> (Bedeqe Cardigan Room) Daria Gallardi, President - Aquaculture Association of Canada Honorable Cory Deagle, Minister of Fisheries, Tourism, Sport and Culture  Peter Warris, Executive Director - Prince Edward Island Aquaculture Alliance Tim Kennedy, President and CEO - Canadian Aquaculture Industry Alliance</p>		
9:15 - 9:40	<p align="center"><b>Research Award of Excellence Presentation</b> (Bedeqe Cardigan Room) Dr. Mark Fast Introduction and Award Presentation by Eric Ignatz and Sarah Cook, AAC Outreach and Recognition Committee Co-Chairs</p>		
9:40 - 10:40	<p align="center"><b>Keynote: The Challenges of Producing and Using Sterile Atlantic Salmon in Norwegian Aquaculture</b> (Bedeqe Cardigan Room) Dr. Thomas Fraser, Institute of Marine Research Introduction by Tillmann Benfey, University of New Brunswick and former AAC President</p>		
10:40 - 11:10	Nutrition Break		
ROOMS	Bedeqe Cardigan Room	Summerside Tignish Room	Montague Souris Room
	<b>AQUATIC ANIMAL NUTRITION</b>	<b>INDIGENOUS AQUACULTURE DEVELOPMENT FORUM</b>	<b>TRIPLOIDS IN AQUACULTURE</b>
11:10 - 11:30	Manriquez-Hernandez, J - EFFECT OF ASTAXANTHIN FROM THE GREEN MICROALGA <i>Haematococcus lacustris</i> ON COLOURATION AND PRODUCTION PARAMETERS OF ATLANTIC SALMON <i>Salmo salar</i>	Paul, T - INTRODUCTION TO ABEGWEIT FIRST NATION'S SALMONID BIODIVERSITY ENHANCEMENT HATCHERY	Benfey, T - AN INTRODUCTION TO TRIPLOIDS FOR THE NON-SPECIALIST

# SCHEDULE

ROOMS	Bedeque Cardigan Room	Summerside Tignish Room	Montague Souris Room
	<b>AQUATIC ANIMAL NUTRITION</b>	<b>INDIGENOUS AQUACULTURE DEVELOPMENT FORUM</b>	<b>TRIPLOIDS IN AQUACULTURE</b>
11:30 - 11:50	<u>Fenta, A</u> - PRODUCTION OF MICROALGAE AND THEIR POTENTIAL USE AS HATCHERY FEEDS IN AQUACULTURE	Randall, M - AN INTRODUCTION TO THE BIDEFORD MARINE SHELLFISH HATCHERY OWNED & OPERATED BY LENNOX ISLAND FIRST NATION	<u>Perron, F</u> - TIMING MATTERS: OPTIMIZING PRESSURE SHOCK-INDUCED TRIPLOIDY IN BLUE MUSSELS ( <i>Mytilus edulis</i> ) FOR IMPROVED LARVAL SURVIVAL AND GROWTH
11:50 - 12:10	Parrish, C - REPLACEMENT OF FISH OIL BY A HIGH-DHA MICROBIAL OIL IN SALMON DIETS: EFFECT ON LIPID MOLECULAR SPECIES AND GENE EXPRESSION	Fowlie, W - AN INTRODUCTION TO THE WE'KOQMA'Q FIRST NATION TROUT FARM	Paykan Heyrati, F - MAJOR SPERM MOTILITY PARAMETERS IN NEOMALE TETRAPLOID RAINBOW TROUT <i>Oncorhynchus mykiss</i>
12:10 - 12:30	<u>Pedron, E</u> - COMPREHENSIVE QUALITY ANALYSES OF BENTHIC DIATOM BLUE PIGMENT EXTRACT AS POSTBIOTIC IN AQUACULTURE	Colombo, S - CONSUMER PERCEPTIONS OF THE CANADIAN SALMON SECTOR AND THEIR ASSOCIATIONS WITH BEHAVIORS: A PERSPECTIVE FROM INDIGENOUS RIGHTS	<u>Tabatabaei Pozveh, H S</u> - FIRST ATTEMPT AT INDIRECT PRODUCTION OF ALL-FEMALE TRIPLOID RAINBOW TROUT <i>Oncorhynchus mykiss</i>
12:30 - 12:50	<u>Zhang, J</u> - IMPACTS OF FEEDING INSECTS AND YEAST AS FUNCTIONAL FEED ADDITIVES ON THE GROWTH, NUTRITION AND MICROBIOME OF ZEBRAFISH AS A MODEL SPECIES	Potter, C A - BEAR RIVER FIRST NATION – EXPLORING OYSTER FARMING IN “UNCHARTED” WATERS	Bardon-Albaret, A - PERFORMANCE EVALUATION OF DIPLOID AND TRIPLOID ARCTIC CHARR
12:50 - 2:00	Lunch - On Own		
2:00 - 2:20	Banskota, A - HEMP PROCESSING BY-PRODUCTS: A POTENTIAL SOURCE OF NEW AQUAFEED INGREDIENTS	Robinson, T - RECOVERY OF INNER BAY OF FUNDY ATLANTIC SALMON ( <i>Salmo salar</i> ) IN THE PETITCODIAC WATERSHED	Fraser, T - THE INFLUENCE OF INBREEDING AND ABERRANT INHERITANCE ON WELFARE IN TRIPLOID ATLANTIC SALMON <i>Salmo salar</i>
2:20 - 2:40	Colombo, S - STRATEGIES TO SUPPLY SUFFICIENT LEVELS OF N-3 LC-PUFA TO ATLANTIC SALMON THROUGH DIET AND DE NOVO BIOSYNTHESIS THROUGH SELECTIVE BREEDING AND SALMON STRAIN ENHANCEMENT	<b>CULTIVATING PROSPERITY AND EMPOWERING COMMUNITIES</b>  Carol Ann Potter, Bear River First Nation Mike Randall, Lennox Island First Nation Tyrone Paul, Abegweit First Nation Wayne Fowlie, We'koqma'q First Nation	Fraser, T - THE GROWTH AND PHYSIOLOGY OF TRIPLOID POST-SMOLTS REARED FOR 140 DAYS IN ONE OF EIGHT TEMPERATURES RANGING FROM 3.0 TO 20.5°C
2:40 - 3:00	<u>Niemann, B</u> - THE EFFECTS OF FULVIC AND HUMIC ACID DIETS FOR FOUR AQUACULTURE SPECIES ( <i>Oncorhynchus tshawytscha</i> , <i>Oncorhynchus mykiss</i> , <i>Salvelinus alpinus</i> , and <i>Anoplopoma fimbria</i> )		Concannon, A - GROWTH AND SURVIVAL OF MIXED-SEX DIPLOID AND ALL-FEMALE DIPLOID AND TRIPLOID RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> ) IN VARIABLE-TEMPERATURE SEAWATER
3:00 - 3:20	<u>Tetteh, P</u> - INTERACTION OF FEED RESTRICTION AND ZINC EXPOSURE ON LIVER AND HEART MITOCHONDRIAL BIOENERGETICS IN RAINBOW TROUT <i>Oncorhynchus mykiss</i>		MODERATOR: Adrian Desbarats, Ulnooeweg First Nation

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ROOMS	Bedeque Cardigan Room	Summerside Tignish Room	Montague Souris Room
	<b>AQUATIC ANIMAL NUTRITION</b>	<b>INDIGENOUS AQUACULTURE DEVELOPMENT FORUM</b>	<b>TRIPLOIDS IN AQUACULTURE</b>
3:20 - 3:40	Zanuzzo, F - <i>Aspergillus niger</i> β-GLUCAN ENHANCES ATLANTIC SALMON RESISTANCE TO ULCERATIVE DISEASE COMPARED TO COMMERCIAL YEAST PRODUCT		Durier, G - USE OF MUSSEL GAPING BEHAVIOUR TO DETECT ENVIRONMENTAL PERTURBATIONS IN DIPLOID AND TRIPLOID MUSSELS ( <i>Mytilus edulis</i> )
3:40 - 4:00	Nutrition Break		
	<b>AQUATIC ANIMAL HEALTH</b>	<b>YOUNG PROFESSIONALS IN CANADIAN AQUACULTURE</b>	<b>TRIPLOIDS IN AQUACULTURE</b>
4:00 - 4:20	Bruce, T - ASSESSMENT OF COINFECTION WITH <i>Flavobacterium covaie</i> AND CHANNEL CATFISH VIRUS IN FINGERLING CHANNEL CATFISH <i>Ictalurus punctatus</i>	<b>LEADERSHIP IN TIMES OF CHANGE</b>  Sam Tomkinson, Grieg Seafood BC Luke Pletsch, Grieg Seafood BC Kaitlin Guitard, Mowi Canada West Katelyn Harris, Atlantic Canada Fish Farmers Association Andrew Tucker, Grieg Seafood NL  MODERATOR: Michelle Franze, British Columbia Salmon Farmers Association	Duchesne, E - METABOLOMIC RESPONSE OF TRIPLOID <i>Mytilus edulis</i> FAMILIES TO HEATWAVES
4:20 - 4:40	Sandtrø, A - VACCINATION AND CHALLENGE AGAINST <i>Yersinia ruckeri</i>		Dorafshan, S - HAEMATOLOGICAL INDICES IN DIPLOID AND TRIPLOID HYBRIDS BETWEEN FEMALE RAINBOW TROUT <i>Oncorhynchus mykiss</i> AND MALE CASPIAN TROUT <i>Salmo trutta caspius</i>
4:40 - 5:00	Ditlecadet, D - SUSCEPTIBILITY OF LUMPFISH ( <i>Cyclopterus lumpus</i> ) TO THE INFECTIOUS SALMON ANAEMIA VIRUS (ISAv)		Benfey, T - CAN THE HYPOXIA TOLERANCE OF TRIPLOID SALMONIDS BE IMPROVED?
5:00-6:00	<b>Aquaculture Association of Canada AGM</b> Members Only - Oak Room		



# SCHEDULE

DAY 3	TUESDAY, June 18		
8:00 - 5:00	Onsite Registration - See Registration Desk		
8:00 - 5:00	TRADESHOW (Hillsborough/Malpeque Room)		
8:00 - 8:30	Hot Beverage Station		
8:30 - 8:40	Morning Recap (Bedeque Cardigan Room)		
8:40 - 9:40	<p><b>Plenary: Sustainable Bivalve Farming: Threats and Opportunities</b> (Bedeque Cardigan Room)</p> <p>Ramón Filgueira</p> <p>Introduction by Tiago Hori, President-Elect - Aquaculture Association of Canada</p>		
ROOMS	Bedeque Cardigan Room	Summerside Tignish Room	Montague Souris Room
	<b>AQUATIC ANIMAL HEALTH</b>	<b>CANADIAN SEAWEED FORUM</b>	<b>CLIMATE CHANGE AND FOOD SECURITY</b>
9:50 - 10:10	Ness, M - <i>Moritella viscosa</i> IN CANADA: ISOLATE CHARACTERIZATION AND CHALLENGE STUDIES	Collins, B - ECONOMICS OF SEAWEED FARMING IN NORTH AMERICA	Reid, G - CLIMATE CHANGE VULNERABILITY ASSESSMENTS FOR NOVA SCOTIA AQUACULTURE
10:10 - 10:30	Nowlan, J - HORIZONTAL TRANSMISSION OF <i>Tenacibaculum maritimum</i> BETWEEN ATLANTIC SALMON ( <i>Salmo salar</i> L.) AND CHINOOK SALMON ( <i>Oncorhynchus tshawytscha</i> W.)	[30 minutes]	Lewis-McCrea, L - LEARNING FROM HURRICANE FIONA – WHAT CAN WE DO TO LESSEN FUTURE IMPACTS
10:30 - 10:50	Gardner, I - HYDROEPIX: A WATERBORNE TRANSMISSION MODEL FOR INFECTIOUS DISEASES OF FARMED AQUATIC ANIMALS	Chopin, T - TWENTY-FOUR YEARS OF SEAWEED FARMING THROUGH THE DEVELOPMENT OF INTEGRATED MULTI-TROPHIC AQUACULTURE (IMTA)	Torrie, N - SUPPORTING AQUACULTURE THROUGH COASTAL OCEAN MONITORING: PROGRESS, LESSONS LEARNED, AND FUTURE PLANS
10:50 - 11:10	Nutrition Break		
11:10 - 11:30	Nketiah Birikorang, H - THE IN VITRO LIFE CYCLE AND REPRODUCTION CAPACITY OF <i>Anisakis pegreffii</i>	Backman, S - NINE YEARS OF SEAWEED FARMING: SUCCESSSES, FAILURES, OPPORTUNITIES, AND ROADBLOCKS	Lucatelli, D - CLIMATE CHANGE AND THE POTENTIAL THREAT OF OsHV-1 OUTBREAKS AT OYSTER AQUACULTURE SITES IN NOVA SCOTIA
11:30 - 11:50	Sarowar, N - IMPACT OF BACTERIAL COMMUNITY AND ACCLIMATION ON MORTALITY CAUSED BY OYSTER HERPES VIRUS (OsHV-1 $\mu$ Var) INFECTION IN JUVENILE PACIFIC OYSTERS <i>Crassostrea gigas</i>	Wilson, E - COMMERCIAL SCALE ON-LAND DULSE ( <i>Palmaria palmata</i> ) CULTIVATION AT ACADIAN SEAPLANTS, NOVA SCOTIA	Okon, E - <i>Escherichia coli</i> IN COASTAL WATERS: INSIGHTS INTO GROWTH RATE, GENERATION TIME, AND LAG PHASE DURATION AMIDST ENVIRONMENTAL VARIATION

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	<b>AQUATIC ANIMAL HEALTH</b>	<b>CANADIAN SEAWEED FORUM</b>	<b>CLIMATE CHANGE AND FOOD SECURITY</b>
11:50 - 12:10	Dixon, B - DEVELOPING QUANTITATIVE ELISAs FOR ASSESSING PROTEIN-LEVEL CHANGES OF SALMONID CYTOKINES FOR FISH HEALTH STUDIES	Le Cam, S - ASSESSING LEVELS AND DISTRIBUTION OF GENETIC DIVERSITY OF WILD SUGAR KELP POPULATION IN QUEBEC AND NOVA SCOTIA: A TOOL FOR SUPPORTING THE LONG-TERM SUSTAINABILITY OF THE SEAWEED AQUACULTURE INDUSTRY OF THE CANADIAN EAST COAST	Colombo, S - ASSESSING CONSUMER IMPLICATIONS OF REDUCED SALMON SUPPLY AND ENVIRONMENTAL IMPACT IN NORTH AMERICA
12:10 - 12:30	Braceland, M - MAKING BIO-CHEMISTRY CLINICAL: APPLICATION OF SERUM BIOCHEMISTRY IN AQUACULTURE	Salvo, F - SUPPORTING SEAWEED FARMING IN CANADA AND DEVELOPMENT OF AN ATLANTIC SUGAR KELP SEED BANK	Nickerson, P - PRACTICAL OBSERVATIONS IN REFRIGERATION FOR AQUACULTURE CHILLER AND HEAT PUMP SYSTEMS USING CARBON DIOXIDE AS A REFRIGERANT IN PLACE OF REFRIGERANTS WITH HIGHER GLOBAL WARMING POTENTIAL
12:30 - 12:50	Santander, J - DUAL-SEQ TRANSCRIPTOMICS OF <i>Aeromonas salmonicida</i> INFECTION IN <i>Salmo salar</i> PRIMARY MACROPHAGES.	Sabioni, R - SEED DEVELOPMENT IN THE NORTH - STARTING SEAWEED AQUACULTURE IN NEWFOUNDLAND	
12:50 - 2:00	Lunch - On Own		
	<b>AQUATIC ANIMAL HEALTH</b>	<b>CANADIAN SEAWEED FORUM</b>	<b>SHELLFISH PRODUCTION</b>
2:00 - 2:20	Douglas, S - COMPARISON OF EARLY INFECTION AND EARLY IMMUNE RESPONSE OF ATLANTIC SALMON PRIMARY MACROPHAGES AGAINST <i>VIBRIO ANGUILLARUM</i> O1 & O2 SEROVARS.	Teasdale, M - AI AND SEAWEED DEVELOPMENTS IN ST MARY'S BAY AND CONCEPTION BAY SOUTH, NL	Bridier, G - OVERWINTERING SURVIVAL IN JUVENILE OYSTERS: UNDERSTANDING THE ROLE OF ENERGETIC PHYSIOLOGY FOR <i>Crassostrea virginica</i> SEED
2:20 - 2:40	Trudel, M - MODELLING THE DISPERSION OF THE INFECTIOUS SALMON ANEMIA VIRUS (ISAV) FROM ATLANTIC SALMON FARMS IN THE QUODDY REGIONS OF NEW BRUNSWICK, CANADA, AND MAINE, USA	Cornish, M L - INTERNATIONAL COLLABORATIONS IN THE SEAWEED INDUSTRY	Cordero, R - COMPARATIVE ANALYSIS OF ZOOPLANKTON SIZE FRACTION DISTRIBUTIONS AMONG VARIOUS SHELLFISH AQUACULTURE EMBAYMENTS IN ATLANTIC AND PACIFIC CANADIAN COASTAL REGIONS.
2:40 - 3:00	Semple, S - HARNESSING IMMUNE DEFENSES FOR PROTECTION AGAINST TENACIBACULUM INFECTIONS IN SALMONID SPECIES	Arnold, S - KELP FARMING IN ATLANTIC CANADA: MARKET OPPORTUNITIES, GAPS, AND THE NEED TO 'RIGHT-SIZE' REGULATIONS	Stewart-Clark, S - THE COST OF IGNORING FEED CONVERSION RATES IN SHELLFISH AQUACULTURE

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	<b>AQUATIC ANIMAL HEALTH</b>	<b>CANADIAN SEAWEED FORUM</b>	<b>SHELLFISH PRODUCTION</b>
3:00 - 3:20	Leadbeater, S - POTENTIAL FOR THE USE OF PROBIOTICS TO SUPPORT THE HEALTH OF ATLANTIC SALMON IN AQUACULTURE.	<b>FUTURE PROSPECTS FOR SEAWEED FARMING IN CANADA</b>  Bill Collins, Cascadia Seaweed Corp. Thierry Chopin, Chopin Coastal Health Solutions Inc. & Turquoise Revolution Inc. Steve Backman, Magellen Aqua Farms Inc. Shannon Arnold, Ecology Action Centre  MODERATOR: Cyr Couturier, Fisheries and Marine Institute	Cunningham, J - EXPLORING LARVAL SETTLEMENT OF THE EASTERN OYSTER <i>Crassostrea virginica</i> IN ATLANTIC CANADA
3:20 - 3:40	Kalvani, Z - NAPHTHENIC ACIDS INFLUENCE SITE-SPECIFIC H <sub>2</sub> O <sub>2</sub> EMISSION DIFFERENTLY IN RAINBOW TROUT LIVER MITOCHONDRIA		Eslamloo, K - CHALLENGES POSED BY <i>Vibrio parahaemolyticus</i> TO CANADIAN OYSTER AQUACULTURE
3:40 - 4:10	Nutrition Break		
	<b>AQUATIC ANIMAL HEALTH</b>	<b>DIVERSITY IN AQUACULTURE FORUM</b>	<b>SHELLFISH PRODUCTION</b>
4:10 - 4:30	Booman, L - PIVOTAL STUDY TO DETERMINE THE BIOEQUIVALENCE OF PAQ Flor® (FLORFENICOL PREMIX) TO THE REFERENCE LABELED PRODUCT (FLOFENICOL PREMIX) WHEN ADMINISTERED IN MEDICATED FEED TO ATLANTIC SALMON <i>Salmo salar</i> L.	Fu, T - FEED FOR THOUGHT - NOURISHING DIVERSITY IN SKRETTING CULTURE	Fréchette, M - THE DUCKSHIELD: A PASSIVE ANTI-PREDATION DEVICE FOR LONG-LINE-GROWN MUSSELS
4:30 - 4:50	Heese, B - ANTIMICROBIAL RESISTANCE MONITORING OF FLORFENICOL ON BC <i>Tenacibaculum</i> ISOLATES	Farquharson, S - GENDER-BASED OPPORTUNITIES AND CHALLENGES IN SALMONID FARMING IN ATLANTIC CANADA	Ramsay, A - THE VASE TUNICATE: CHALLENGES FOR THE CULTURED SHELLFISH INDUSTRY AND RECENT RESEARCH TO MITIGATE ITS IMPACT
4:50 - 5:10	Dixon, B - IMMUNOMODULATORY AND ANTIBACTERIAL EFFECTS OF PACAP IN WHITE SHRIMP AND FISHES	Frenette, C-L - FACILITATING GLOBAL TALENT ACCESS: THE ROLE OF CANADA'S GLOBAL SKILLS STRATEGY	Dunlop, M - TOWARDS THE UTILIZATION OF INVASIVE TUNICATES AS A RESOURCE
5:10 - 5:30	Aquatic Animal Health continues on Wednesday in the Summerside Tignish Room	Gillis, M - CULTIVATING INCLUSIVE WORK ENVIRONMENTS IN AQUACULTURE: PRIORITIZING SAFETY AND ACCEPTANCE FOR DIVERSE TEAMS	Shellfish Production continues on Wednesday in the Montague Souris Room

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ROOMS	Bedeque Cardigan Room	Summerside Tignish Room	Montague Souris Room
	<b>AQUATIC ANIMAL HEALTH</b>	<b>DIVERSITY IN AQUACULTURE FORUM</b>	<b>SHELLFISH PRODUCTION</b>
5:30 - 5:50	View Poster Presentations, Visit with Exhibitors or Join in on the Diversity in Aquaculture Forum!	<b>CULTIVATING AN INCLUSIVE LABOUR FORCE</b>  Myrna Gillis, ONDA Sue Farquharson, Atlantic Canada Fish Farmers Association Cindy-Lynn Frenette, Immigration, Refugees and Citizenship Canada Amber Garber, Huntsman Marine Science Centre Tahi Fu, Skretting Canada  MODERATOR: Sarah Cook, Impact Microbiology Services	View Poster Presentations, Visit with Exhibitors or Join in on the Diversity in Aquaculture Forum!
5:50 - 6:10			
5:00 - 6:30	Poster Presentations (Hillsborough/Malpeque Room) < Refer to Poster Presentations List > Cash Bar		
7:00-10:30	Dr. Joe Brown Social Event Included in Full Registration Rustico Tracadie Room		
<b>DAY 4</b>	<b>WEDNESDAY, June 19</b>		
8:15 - 12:00	Onsite Registration - See Registration Desk		
8:15 - 12:00	<b>TRADESHOW</b> (Hillsborough/Malpeque Room)		
8:15 - 8:45	Hot Beverage Station		
8:45 - 8:50	Morning Recap (Bedeque Cardigan Room)		
ROOMS	Bedeque Cardigan Room	Summerside Tignish Room	Montague Souris Room
	<b>INNOVATION AND TECHNOLOGY</b>	<b>AQUATIC ANIMAL HEALTH</b>	<b>SHELLFISH PRODUCTION</b>
8:50 - 9:10	Burr, G - CHARACTERIZING GENETIC X ENVIRONMENT INTERACTIONS OF ATLANTIC SALMON SELECTED FOR GROWTH IN NETPENS THROUGH EVALUATIONS IN RECIRCULATING AQUACULTURE SYSTEMS	Soto-Dávila, M - mRNA VACCINE TO PREVENT INFECTIOUS SALMON ANEMIA IN ATLANTIC SALMON	Blanchet, A - EFFECT OF CARGO SHIP NOISE ON THE SHELL STRUCTURE OF BLUE MUSSELS POST-LARVAE <i>Mytilus Edulis</i>

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ROOMS	Bedeque Cardigan Room	Summerside Tignish Room	Montague Souris Room
	<b>INNOVATION AND TECHNOLOGY</b>	<b>AQUATIC ANIMAL HEALTH</b>	<b>SHELLFISH PRODUCTION</b>
9:10 - 9:30	Gilbert, D - WATER PHYSICO-CHEMICAL PARAMETERS FOLLOWING OZONE DOSING FOR RECIRCULATING AQUATIC SYSTEM OF LAND BASED TROUT FARM	Hetlelid Olsen, R - EFFECT OF AN ATTENUATED LIVE VACCINE AGAINST SALMONID RICKETTSIAL SEPTICAEMIA IN ATLANTIC SALMON ( <i>Salmo salar</i> ) IS HIGHLY DEPENDENT ON TEMPERATURE DURING IMMUNISATION.	Veillard, D - MOLECULAR EVIDENCE OF SHIPPING NOISE IMPACT ON THE ONTOGENY OF THE BLUE MUSSEL, <i>Mytilus edulis</i>
9:30 - 9:50	Okon, E - TRENDS AND TRANSITIONS OF AQUACULTURE AND FISHERIES RESEARCH IN CANADA (2010 - 2023)	Paquet, M - EXPLORING THE POTENTIAL ROLE OF OUTER MEMBRANE VESICLES AS A DEFENSE MECHANISM AGAINST BACTERIOPHAGES IN THE FISH PATHOGEN <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i>	<b>GENOMICS IN AQUACULTURE</b> Stewart-Clark, S - WHAT DO YOU DO WHEN A BLOB FOULS YOU? TRANSCRIPTOMIC ANALYSIS OF IMPACTS OF <i>Ciona intestinalis</i> FOULING ON BLUE MUSSELS
9:50 - 10:20	Nutrition Break		
	<b>INNOVATION AND TECHNOLOGY</b>	<b>ENVIRONMENTAL MANAGEMENT AND CARRYING CAPACITY</b>	<b>GENOMICS IN AQUACULTURE</b>
10:20 - 10:40	Nargis, L - ACCESS TO COMPLEX SPATIAL DATA IN SUPPORT OF PRAGMATIC AQUACULTURE DEVELOPMENT	Byrro Gauthier, N - UNVEILING THE IMPACT OF ANTHROPOGENIC NOISE ON BIVALVE EARLY RECRUITMENT IN TWO DISTINCT SITES	Tabatabaei Pozveh, H S - SEX IDENTIFICATION IN SHORTNOSE STURGEON <i>Acipenser brevirostrum</i> BY MULTIPLEX PCR
10:40 - 11:00	Normandeau, M - THE LATEST ADVANCEMENTS IN WORK-CAPABLE UNDERWATER ROBOTICS FOR AQUACULTURE SITES	Filgueira, R - ADVANCING KNOWLEDGE ON FACTORS AFFECTING SOCIETALLY-ENDORSED SUSTAINABLE AQUACULTURE	Cao, T - EFFECT OF IRON LEVEL ON GENE EXPRESSION AND PROTEOME OF <i>Moritella viscosa</i> , IMPLICATIONS FOR PATHOGENESIS
11:00 - 11:20	Korus, J - UTILIZING BIOLOGGERS FOR INSIGHTS INTO THERMAL FISH STRESS: APPLICATION OF HEART RATE AND ACTIVITY DATA IN PRECISION FISH FARMING	Reid, G - OPERATIONALIZING AQUACULTURE CARRYING CAPACITY MODELS: THE FARMING IN NATURAL SYSTEMS (FINS) MODELING PLATFORM FOR NOVA SCOTIA	Ignatz, E - GENETIC POPULATION STRUCTURES OF BLUE MUSSELS ( <i>Mytilus spp.</i> ) ACROSS THE EAST COAST OF CANADA
11:20 - 11:40	Wilson, T - IS THERE OPPORTUNITY FOR THE DEVELOPMENT OF COMBINED OFFSHORE WIND AND AQUACULTURE IN NOVA SCOTIA, CANADA?	Weitzman, J - DEVELOPING A COASTAL CLASSIFICATION SYSTEM FOR AQUACULTURE IN NOVA SCOTIA: A SUITABILITY ASSESSMENT	Misk, E - THERMAL MODULATION OF GENETIC RESISTANCE TO INFECTIOUS SALMON ANEMIA VIRUS: DIFFERENTIAL GENE EXPRESSION ANALYSES IN ATLANTIC SALMON FAMILIES ( <i>Salmo salar</i> ) AT 10°C AND 20°C
11:40 - 12:00	Maitland, D - AQUAPONICS LITERATURE REVIEW & TABULATION PROJECT	Gallardi, D - BLUE MUSSEL ECOLOGICAL CARRYING CAPACITY IN NEWFOUNDLAND: UPDATES ON MODEL DEVELOPMENT AND DATA USE	Langille, B - NORTH AMERICAN ATLANTIC SALMON ( <i>Salmo salar</i> ) FILLET COLOUR: TIMING RELATED FACTORS AND GENOME-WIDE ASSOCIATIONS



# SCHEDULE

12:00 - 12:20	<b>Best Student Presentation</b> (Oral and Poster) Awards Bedeque Cardigan Room Award Presentation by Eric Ignatz and Sarah Cook, AAC Outreach and Recognition Committee Co-Chairs
12:30	DEADLINE TO PICKUP AND PAY FOR STUDENT ENDOWMENT FUND AUCTION ITEMS - CASH OR CREDIT
2:00	EXHIBITOR SHUTDOWN - ROOMS CLEARED

## POSTER PRESENTATIONS

Presenter	Author(s)	Title
<u>Anderson, C</u>	Cody Anderson*, Sarah Vancuren, Junyu Zhang, Marcia Chiasson, Julang Li, Emma Allen-Vercoe, and David Huyben	EFFECTS OF BLACK SOLDIER FLY AND YEAST ON THE GROWTH PERFORMANCE AND GUT MICROBIOME OF RAINBOW TROUT USING IN VIVO AND IN VITRO TRIALS
Beaudreau, N	Nicholas Beaudreau*, Bernard-Antonin Dupont-Cyr	IMPLEMENTING AN EFFECTIVE STRATEGY FOR AMERICAN EEL <i>Anguilla rostrata</i> AQUACULTURE IN QUEBEC: INNOVATIVE BREEDING PROTOCOLS AND DEVELOPMENT
<u>Concannon, A</u>	Abigail V. Concannon*, Amber F. Garber, William D. Robertson, and Tillmann J. Benfey	OSMORESPIRATORY COMPROMISE IN TRIPLOID RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )
<u>Fajei, E</u>	Eyesun Fajei*, Shone K Whyte, Laura Rivera, Janet Velazquez, Patricio Dantagnan, Manuel Soto Davila, Tania Rodríguez-Ramos, Brian Dixon, Yamila Carpio, Mario Estrada, and Mark D. Fast	EXAMINING TWO FEEDS SUPPLEMENTED WITH PACAP-38 (PITUITARY ADENYLATE CYCLASE-ACTIVATING POLYPEPTIDE) ON ATLANTIC SALMON ( <i>Salmo salar</i> ) RESPONSES TO ENTERIC RED MOUTH DISEASE ( <i>Yersinia ruckeri</i> )
<u>Fournier, K</u>	Kim C. Fournier*, Valérie E. Paquet, Catherine Tardif, Ariane Gosselin, Gabrielle R. Leduc, Antony T. Vincent and Steve J. Charette	STUDY OF THERMOADAPTATION IN THE PATHOGENIC BACTERIA <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i>
Ghanei-Motlagh, R	Reza Ghanei-Motlagh*, Yang Feng, Sara L. Purcell, Shona K. Whyte, Amber F. Garber, and Mark D. Fast	GENE EXPRESSION RESPONSES IN THE INTESTINE OF ATLANTIC SALMON INFECTED WITH THE SALMON LOUCE ( <i>Lepeophtheirus salmonis</i> )
Ghanei-Motlagh, R	Reza Ghanei-Motlagh*, Wenlong Cai, Shona K. Whyte, Amber F. Garber, and Mark D. Fast	THE EFFECTS OF INFECTION WITH SEA LICE ON TRANSCRIPTOME PROFILE OF SKIN AND HEAD KIDNEY OF ATLANTIC SALMON UNDER NORMAL AND INCREMENTAL TEMPERATURE
<u>Issa, Z</u>	Zeenat A. Issa*, Mohsen Abdel-Tawwab, and Ibrahim Adeshina	ENHANCING GROWTH, ANTIOXIDANT RESPONSE, AND <i>Aspergillus flavus</i> RESISTANCE IN NILE TILAPIA <i>Oreochromis niloticus</i> THROUGH YEAST <i>Saccharomyces cerevisiae</i> SUPPLEMENTED DIETS
Joshua, F	Felicia Oluwatoyin Joshua* Victor Kuri, Mike Berry, Brad Saville, and Daniel L. Merrifield	MANNAN OLIGOSACCHARIDE FROM COCONUT WASTE IMPROVES INTESTINAL HEALTH OF ATLANTIC SALMON ( <i>Salmo salar</i> ) PARR
<u>Kwabiah, R</u>	Rebecca R. Kwabiah*, Javier Santander, and Robert L. Gendron	EXPRESSION OF IMMUNE LINEAGE CELLS IN THE EYES OF LUMP-FISH <i>Cyclopterus lumpus</i> L. INFECTED WITH <i>Myxobolus albi</i>
<u>Nowlan, J</u>	Joseph Nowlan*, Brianna Heese, Scott Britney, Emma Toulouse-Makay, and Spencer Russell	PREDICTORS OF CHINOOK SALMON ( <i>Oncorhynchus tshawytscha</i> W.) SMOLTIFICATION IN BRITISH COLUMBIA (CANADA) AQUACULTURE
<u>Okon, E</u>	Ekemini M. Okon*, Reuben Okocha, Mashood Arinola, and Nelson Matekwe	GLOBAL PERSPECTIVES ON CARP EDEMA DISEASE: INSIGHTS FROM RESEARCH

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Salvo, F	Flora Salvo*, Colin Gauthier-Barrette, Merinov's Technical Team, and Éloïse Lemaire	A SEMI-AUTONOMOUS MOBILE SEAWEED HATCHERY FOR KELP
Tibbetts, S	Sean M. Tibbetts*, Marta J. Piercey, Shane J.J. Patelakis, and Brianna Stratton	NUTRITIONAL EVALUATIONS OF 'MADE-IN-CANADA' MICROBIAL SINGLE-CELL PROTEIN (SCP) MEALS FOR ATLANTIC SALMON <i>Salmo salar</i> L. PRE-SMOLTS.
Wilson, T	Therese Wilson*, Jenny Weitzman, and Leah Lewis-McCrea	SEA AND SOCIETY: EXPLORING NOVA SCOTIAN'S AESTHETIC VALUES AND PREFERENCES FOR OCEAN AND COASTAL SPACES

## Notes

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