

Third Biennial Western Regional IDeA Conference

Sunday 06 October 2013 - Tuesday 08 October 2013

**Waikiki Beach Marriott Resort and Spa
Programme**

Table of contents

Monday 07 October 2013	1
Welcome and NIH Updates	1
Scientific Keynote Speaker: James Collins	1
Breakout Session IA: Neuroscience	1
Breakout Session IB: Development & Reproductive Biology	1
Breakout Session IC: Infectious Diseases - Parasites & Vectors	2
Posters	2
Breakout Session IIA: Cardiovascular	2
Breakout Session IIB: Immunology & Tumor Suppression	3
Breakout Session IIC: Infectious Diseases - Bacteria & Fungi	3
Poster Session	4
Buffet Dinner - Speaker: Sidney A. McNairy, Jr. - Entertainment: Hula Show	7
Tuesday 08 October 2013	8
Scientific Keynote Speaker: Jason Moore, Bioinformatics	8
Breakout Session IIIA: Infectious Diseases - Viruses	8
Breakout Session IIIB: Cell & Molecular Biology	8
Breakout Session IIIC: Health Disparities	8
Closing Speech	9

Monday 07 October 2013

Welcome and NIH Updates - Salon A/B (08:00-09:00)

time	[id] title	presenter
08:00	[160] Welcome	Dr. HEDGES, Jerris (Dean, John A. Burns School of Medicine)
08:05	[155] NIGMS Update	Dr. CALDWELL, Sheila (NIH)
08:30	[156] Clinical and Translational Research Infrastructure Network (CTR-IN)	Dr. LANGER, Robert (University of Nevada Las Vegas)
08:45	[157] SBIR/STTP	Dr. VINSON, Robert (NIH)

Scientific Keynote Speaker: James Collins - Salon A/B (09:00-10:00)

Breakout Session IA: Neuroscience - Salon A/B (10:00-12:00)

Moderator: Dr. Robert Nichols, University of Hawaii Manoa

time	[id] title	presenter
10:00	[41] Integrated analysis of microRNAs induced by West Nile virus infection and their disease related targets in mouse brain	Dr. KUMAR, Mukesh (University of Hawaii)
10:20	[43] Development of a Human Polyomavirus JC Infection Model Using Humanized NSG Mice	Mr. LAZAGA, Nelson (University of Hawaii at Manoa)
10:40	[116] Analysis of neurotropic virus axon-to-cell spread	Dr. TAYLOR, Matthew (Dept. of Immunology and Infectious Diseases, Montana State University)
11:00	[84] Selenoprotein P in Synaptic Physiology and Neurodegenerative Disorders	Dr. BELLINGER, Frederick (University of Hawaii JABSOM)
11:20	[86] Striatal neuronal loss occurs in the R6/2 mouse model of Huntington's disease.	Ms. DODDS, Lindsay (University of Wyoming)
11:40	[88] Psychoactive Pharmaceuticals Induce Fish Gene Expression Profiles Associated with Human Idiopathic Autism	Dr. THOMAS, Michael A. (Idaho State University)

Breakout Session IB: Development & Reproductive Biology - Salon C (10:00-12:00)

Moderator: Dr. Monika Ward, University of Hawaii Manoa

time	[id] title	presenter
10:00	[10] The milder DNA damage and abnormal chromatin packaging phenotype in Sly deficient mice is partially due to the residual retention of SLY protein.	Mr. RIEL, Jonathan (Institute for Biogenesis Research)
10:20	[22] Possible Role for Origin Recognition Complex in Maintaining Origin Sites in the Zygote	Mr. ORTEGA, Michael (Institute for Biogenesis Research, John A. Burns School of Medicine)

10:40	[95] The Role of SYM-3 and SYM-4 in Tissue Integrity and Organogenesis	Ms. KHANAL, Pushpa (University of Wyoming)
11:00	[25] Ureteropelvic junction obstructions in mice with conditional inactivation of exocyst Sec10 in kidney and upper urinary tract epithelium.	Dr. FOGELGREN, Ben (University of Hawaii)
11:20	[125] Co-expression of Tcf21 and PDGFR α is required for Leydig cell maintenance in the adult mouse testes.	Dr. GRIFFITHS, Genevieve (JABSOM)
11:40	[129] Immune regulation during pregnancy in a model marsupial, the gray short-tailed opossum <i>Monodelphis domestica</i> .	Ms. HANSEN, Victoria (University of New Mexico)

Breakout Session IC: Infectious Diseases - Parasites & Vectors - Salon 3 (10:00-12:00)

Moderator: Dr. Sandra Chang, University of Hawaii Manoa

time	[id] title	presenter
10:00	[98] Protein Modifications Used by Parasitic Nematodes to Evade the Host's Immune Response: A New Approach by Metabolic Labeling in <i>C.elegans</i>	Prof. BERNINSONE, Patricia (University of Nevada, Reno - Biology Department)
10:20	[29] Development of pattern recognition receptor ligands as malaria vaccine adjuvants	Prof. CHANG, Sandra (John A Burns School of Medicine, University of Hawaii at Manoa)
10:40	[39] Coccidia Presence in Wild Avian Communities of the Big Horn Basin	Ms. KURNAEVA, Margarita (Northwest College)
11:00	[121] Reducing <i>Angiostrongylus cantonensis</i> infection on the Island of Hawaii through an integrated educational and research approach	Dr. JARVI, Susan (University of Hawaii Hilo, College of Pharmacy)
11:20	[24] Increasing Ambient Temperature and Susceptibility of the Mosquito <i>Aedes aegypti</i> to the Insecticide Permethrin: What's Global Warming Got to Do with It?	WHITEN, Shavonn (Montana State University)

Posters - Salon 1/2 (12:00-13:30)

Breakout Session IIA: Cardiovascular - Salon A/B (13:30-15:30)

Moderator: Dr. Ralph Shohet, University of Hawaii Manoa

time	[id] title	presenter
13:30	[106] Signaling Pathways Regulating Cardiac Fibroblast Development and Function	Dr. TALLQUIST, Michelle (University of Hawaii)
13:50	[16] Cardiomyocyte-Specific Knockout of PTEN Induces Hypertrophic Cardiomyopathy: the Role of Autophagy	Dr. XU, Xihui (University of Wyoming)
14:10	[112] Role of an mTOR-stabilizing protein Tel2 in cardiomyocytes	Ms. YORICHIKA, Naaiko (University of Hawaii at Manoa/John A. Burns School of Medicine)
14:30	[111] Hypoxia Inducible Factor regulates cardiac RNA splicing	Dr. WALTON, Chad (University of Hawaii)

14:50	[38] Physiology of cardiac hypertrophy in severely iron deficient rats using pressure-volume loops	Ms. THOMPSON, Emily (Western Wyoming Community College)
15:10	[97] Beating without oxygen: Mechanisms of bradycardia during prolonged anoxia in the anoxia-tolerant freshwater turtle (<i>Trachemys scripta</i>)	Dr. STECYK, Jonathan (University of Alaska Anchorage)

Breakout Session IIB: Immunology & Tumor Suppression - Salon C (13:30-15:30)

Moderator: Dr. Linda Connelly, University of Hawaii Hilo

time	[id] title	presenter
13:30	[59] Non-specific dsRNA-Mediated Innate Antiviral Immune Response in the Honey Bee	FLENNIKEN, Michelle (Montana State University)
13:50	[7] RNA binding proteins regulate innate immune response to influenza virus	Dr. BORTZ, Eric (University of Alaska Anchorage)
14:10	[139] The impact of conformational entropy on epitope selection by MHC class II	Dr. FERRANTE, Andrea (University of Alaska Fairbanks)
14:30	[47] Dengue immune status of host affects the binding avidity and neutralizing potency of cross-reactive anti-envelope antibodies	Dr. WANG, Wei-Kung (Dept. Tropical Medicine, Medical Microbiology and Pharmacology, John A. Burns School of Medicine, University of Hawaii at Manoa)
14:50	[140] HSF1 Drives Resistance to Hsp90 Inhibitors by Promoting Autophagic Flux	Dr. JACOBS, Aaron (University of Hawaii at Hilo)
15:10	[138] Knockdown of Osteoprotegerin reduces metastasis in breast cancer cells	Dr. CONNELLY, Linda (Department of Pharmaceutical Sciences, University of Hawaii at Hilo)

Breakout Session IIC: Infectious Diseases - Bacteria & Fungi - Salon 3 (13:30-15:30)

Moderator: Dr. Apichai Tuanyok, University of Hawaii Manoa

time	[id] title	presenter
13:30	[103] Identification of virulence factors in the bacterium <i>Burkholderia pseudomallei</i>	Mr. NORRIS, Michael (University of Hawaii at Manoa)
13:50	[21] Structural analysis and innate immune responses of the atypical O-antigens in <i>Burkholderia pseudomallei</i> , the causative agent of melioidosis.	Dr. TUANYOK, Apichai (Northern Arizona University and University of Hawaii)
14:10	[60] Prokaryotic Single-Cell Transcriptome Reveals Novel Pathogenesis mechanisms and Intracellular Behavior of <i>Burkholderia pseudomallei</i>	Prof. HOANG, Tung (University of Hawaii at Manoa)
14:30	[57] Determining the location and function of sterols in endomembrane-containing cells of the bacterium <i>G. obscuriglobus</i>	Mrs. GOTTSALL, Ekaterina (University of Wyoming)
14:50	[115] The identification of the targets of the F-box protein Cdc4p in <i>Candida albicans</i> through proteomic analysis.	TOENJES, Kurt (Montana State University Billings)

15:10	[54] Roles of LTB ₄ , IL-1 α and IL-1 β in leukocyte recruitment and activation during <i>Aspergillus fumigatus</i> infection	CAFFREY, Alayna (Montana State University, Department of Immunology & Infectious Diseases, Bozeman MT 59718)
-------	---	--

Poster Session - Salon 1/2 (15:30-17:30)

[id]	title	presenter	board
[26]	Coordination and Step Rate During Forelimb & Hindlimb Stepping in the Neonatal Rat: Effect of Quipazine Dose	Ms. VAN ORDEN, Ashley	001
[44]	Quipazine-induced air-stepping in the perinatal rat: Is it locomotion?	SWANN, Hillary	002
[28]	Characterization of intracellular signaling in an in vitro presynaptic model expressing nicotinic receptors on prolonged exposure to beta amyloid	Dr. ARORA, Komal	003
[30]	Synaptic regulation by a N-terminal fragment of beta amyloid	Mr. LAWRENCE, James	004
[77]	Neuroprotective action of a N-terminal fragment of beta amyloid	Ms. ALFULAIJ, Naghum	005
[132]	Morphological Comparison of IKAP Deficient Mice Through Immunocytochemistry	Mr. THORNE, Julian	006
[136]	Neural Correlates of Spatiotemporal Boundary Formation	Dr. CAPLOVITZ, Gideon	007
[141]	When does frontoparietal neurostimulation benefit visual working memory in the healthy aging?	Dr. BERRYHILL, Marian	008
[149]	Mechanism of Inhibition of Recombinant GABAA Receptors by Pentylentetrazole and Potentiation by Anticonvulsants	IJIMA, Akimasa	009
[150]	Mechanism of Inhibition of $\alpha 3\beta 4$ nAChR by a Sesquiterpene Lactone	KOERNER, Jason	010
[152]	Multimodal imaging of neuropsychiatric disorders (MIND)	AINE, Cheryl	011
[128]	aquaporin3b expression in <i>Xenopus laevis</i> in early gastrula stages	Mr. LUJAN, Sean	012
[12]	Wound repair in preimplantation embryo after trophectoderm injury	Ms. MUTLUAY, Duygu	013
[133]	Positioning the Midbrain-Hindbrain Boundary (MHB) During Nervous System Development	Ms. KHIN, Phyu Pannu	014
[75]	Human Amnion Epithelial and Mesenchymal Cells Express Telomerase	Mr. JUNKER, Anthony	015
[72]	Using 3D cell culture to understand the mechanisms of fetal membrane rupture	Dr. KENDAL-WRIGHT, Claire	016
[19]	Genetic risk factors for GDM and preeclampsia in women from Hawaii	Dr. URSCHITZ, Johann	017
[107]	Dietary Analysis in Regard to Polycystic Ovarian Syndrome	Mr. DOOPER, Matthew	018
[110]	Identification of Novel Tcf21 Downstream Targets	SWONGER, Jessica	019
[118]	Inhibition of ADAM10 and 8 reduces transendothelial migration of the monocytic cell line THP1 in vitro	Dr. HESS, Franz Martin	020
[15]	Cathepsin K Deficiency Attenuates Starvation-Induced Cardiac Autophagy and Apoptosis	Dr. HUA, Yinan	021
[45]	Adiponectin deficiency accentuates second hand cigarette smoke-induced cardiac dysfunction: role of autophagy, ROS and apoptosis.	Mr. HU, Nan	022
[124]	Cholesterol crystal production by endothelial cells and its impact on early atherosclerosis development.	Dr. BAUMER, Yvonne	023

[119] The role of macrophage-expressed IL-37 in atherosclerosis	MCCURDY, Sara	024
[148] Chitinase Inhibition Promotes Atherosclerosis in Hyperlipidemic Mice	Mr. YAP, Jonathan	025
[108] Requirement for PDGFR α in hepatic fibroblasts	Ms. IVEY, Malina	026
[126] Vascular Dependence on Cardiac Fibroblasts	MOORE, Richard	027
[109] Cardiac fibroblasts regulate the endothelium	Mr. MOORE, Richard	028
[76] The Use of MALDI Imaging to Validate Tissue Markers of Pressure Overload-Induced Cardiac Hypertrophy and Heart Failure in Mice	Mr. BAUTISTA, Jeffrey	029
[117] Effects of Iron Accumulation in a Model of Ischemic Myocardial Injury	Dr. HIGA, Jason Kenji	030
[58] RAW264.7 Macrophage as a Model of Foreign Body Inflammatory Response to Electrospun Biomaterials	Mr. TROUT, Kevin	031
[69] Interferon-gamma Production and Bactericidal Activity of Human Polymorphonuclear Leukocytes Exposed to <i>S. aureus</i>	Mr. GUERRA, Fermin	032
[131] Impacts of Antigen Structure on the Geometric Properties of Antibody Aggregation	Mr. MANAVI, Kasra	033
[73] Formation of Dynamic Membrane Structures in Activating Mast Cells	Dr. UMEMOTO, Eric	034
[122] The identification and characterization of a potential target of the F-box protein Cdc4p in <i>Candida albicans</i> .	Mrs. MULLINS, Elizabeth	035
[114] Structural basis of RNA-guided target recognition and degradation by a bacterial surveillance complex	JACKSON, Ryan	036
[153] Microwave-assisted organic synthesis of macrocyclic engelhardione as potential antituberculosis agent	Ms. BUTTS, Ciara	037
[144] Synthesis and evaluation of flavonoid and related phytochemicals as nature-inspired treatments for <i>Clostridium difficile</i> infection	Dr. SUN, Dianqing	038
[20] Contribution of the Intestinal Microbiome to the Development of Hirschsprung's-Associated Enterocolitis	HUTCHISON, Tetiana	039
[127] A map of the rainbow trout (<i>Oncorhynchus mykiss</i>)	Dr. SALINAS, Irene	040
[18] Human apolipoprotein A-I is associated with dengue virus and enhances virus infection through SR-BI	Mr. LI, yujia	041
[35] A real-time PCR method to study relative dengue virus replication using oligo-dT primed cDNA	Ms. KAKINAMI, Cherie	042
[61] Comparison of a New Commercially Available Enzyme Immunoassay and In-house MAC-ELISA for Detection of Anti-Dengue Virus IgM Antibodies	Ms. NAMEKAR, Madhuri	043
[100] Mechanisms underlying dengue virus-induced vascular leakage and mononuclear cells migration across human endothelial cells transwell permeability model	Dr. KELLEY, James F.	044
[96] CHARACTERIZATION OF WEST NILE VIRUS-INDUCED MEMBRANE STRUCTURES REVEALS A NOVEL ROLE FOR NS1 PROTEIN IN INDUCTION OF VESICLE PACKETS FOR VIRAL RNA SYNTHESIS	Dr. KAUFUSI, Pakieli H	045
[56] West Nile virus infection-induced expression of TREM-1 modulates innate immune responses	ROE, Kelsey	046

[42] Type 2 diabetes in mice impairs immune cell infiltration and neuroinflammation after West Nile virus infection	Dr. KUMAR, Mukesh	047
[53] Luminex-based Microsphere Immunoassay for Rapid and Sensitive Detection of Acute and Recent Dengue Virus Infection during Hawaii 2011 Dengue Outbreak	Ms. NAMEKAR, Madhuri	048
[105] Detecting the prevalence of Taro bacilliform virus in Pacific Taro varieties	Ms. FISHER, Michellei	049
[120] Increased detection of Sin Nombre hantavirus RNA in antibody-positive deer mice from Montana, USA: Evidence of male bias in RNA detection	Dr. KUENZI, Amy	050
[68] Phylogenetically divergent hantaviruses harbored by insectivorous bats in Côte d'Ivoire and Vietnam	Dr. GU, Se Hun	051
[17] Detection and Characterization of Human Polyomavirus JC in the People of Hawaii	Ms. FISHER, Michellei	052
[63] The Apàake Project at Little Big Horn College (West Nile Virus) on the Apsaalooke Reservation in MT.	Ms. OTHER MEDICINE, Elizabeth	053
[83] Lipid body dynamics in live mast cells	Ms. LINARES, Christina	054
[104] Chronic Insulin Exposure Induces Ectopic Lipid Accumulation and ER-reprogramming in Mast Cells	Dr. TURNER, Helen	055
[8] Impact of the K24N mutation on the transactivation domain of p53 and its binding to MDM2	ZHAN, Yingqian	056
[27] Cloning the carboxy-domain of the PDI9 cDNA from Arabidopsis thaliana and over-expression of the fusion protein in E. coli	Ms. KOMATA, Jamie	057
[91] Physiological function of the TMC protein family	Dr. STOKES, Alexander	058
[23] Protein tyrosine phosphatase 1B and insulin resistance: Role of endoplasmic reticulum stress/reactive oxygen species/nuclear factor kappa B axis	Dr. NAIR, Sreejayan	059
[99] Multiple proteins with essential mitochondrial functions have glycosylated isoforms	Prof. BERNINSONE, Patricia	060
[123] Ultrasound Targeted Microbubble Destruction and Nonviral DNA Vectors for Hepatic Gene Therapy	ANDERSON, Cynthia	061
[93] Structural-Functional Studies of TSPO	SHARPE, Josh	062
[85] Investigation of Infrared Vibrational Frequency as a Molecular Descriptor for the Lead Optimization of PKB/Akt Inhibitors	Ms. HARRISON, Kristin	063
[134] Boolean Network Model for Transcriptional Cell-cycle in Yeast	FAN, Gaoyang	064
[62] The Effects of Radon on the Apsaalooke (Crow) Reservation in Montana	Ms. PASSES, StellJo	065
[82] Determining Coliform and E. coli Levels in Pryor Creek	Dr. HUNNES, Cristi	066
[46] Stone Child College Rural Health Initiative	Ms. JOHNSTONE, Ann	067
[52] The impact of Adverse Childhood Experiences (ACEs) on behavioral health outcomes among female juvenile offenders	Dr. CLEMENTS-NOLLE, Kristen	068
[11] Assessing barriers and enhancers to increasing physical activity during the school day in children on an American Indian Reservation: A qualitative research study	Mr. GRANT, Vernon	069
[90] Nanotoxicity: An interdisciplinary problem	Prof. PAK, Joshua	070

[49] Diet-Induced Obesity Leads To Excess Lung Inflammation After Asbestos Exposure	Ms. BROWN, Traci	071
[89] LINE-1 hypomethylation and radiation-induced genomic instability in industrial radiographers	Prof. CHO, Yoon Hee	072
[94] The Partial Genome Structure of Star Jasmine Mosaic Virus in Hawaii	Mrs. STUBBLEFIELD, Stephanie	073
[146] Reductive Biotransformation of PBDE-99 in Staghorn Sculpin and Starry Flounder Derived Hepatic Microsomes	Dr. HOFERKAMP, L. A.	074
[145] Assembly by Reduced Complexity	Mr. HUNTER, Samuel	075
[78] SirX: a fast, memory-efficient reference based de novo transcriptome assembly pipeline	Mr. BELCAID, Mahdi	076
[130] The PyroSNP package: SNP discovery from Roche454 whole genome sequencing	Dr. OSWALD, Benjamin	077
[65] Creation of Leeward Community College's plant database and interface	Ms. EULALIO, Tiffany	078
[55] Advancing collaborative biomedical research and promoting core research facilities through an open source laboratory informatics solution and semantic search application	Dr. LE PAPE, Marc	079
[151] IBEST Genomics Resource Core Facility	Dr. SETTLES, Matt	080
[147] The Nevada Bioinformatics Core	Prof. SCHLAUCH, Karen	081
[31] The New Mexico (NM) INBRE Sequencing and Bioinformatics Core	Ms. SCHILKEY, Faye	082
[135] IBEST Computational Resources Core	Mr. CHELDELIN, Brian	083
[50] Molecular and Cellular Immunology Core at the Pacific Center for Emerging Infectious Diseases Research	Ms. GURARY, Alexandra	084
[40] Nevada's COBRE in Cell Biology: Establishing a Center with Focus on Signaling across Membranes	Dr. VON BARTHELD, Christopher	085
[37] Wyoming IDeA Networks for Biomedical Research Excellence (INBRE)	Prof. SEVILLE, Robert	086
[137] TMCC Biomedical Pipeline Program	Dr. ELLSWORTH, Julie	087
[66] Think Graduation: Chaminade's Curriculum Revitalization	Dr. NAEOLE, Chrystie	088
[71] Think Research: Chaminade's Undergraduate Pipeline	Dr. COGBILL, Jolene	089
[74] I Am A Scientist	Mrs. SHIMODA, Lori	090
[154] Aggregation and Interaction of Two Hormones that Regulate Food Intake	Mr. KAKUGAWA, Joshua	091
[159] Hawaii INBRE III, a Statewide Research & Education Partnership	NICHOLS, Robert	092
[158] A Collaborative Model of Biostatistical Support at UH JABSOM	Dr. CHEN, John	093
[161] Regulation of JNK activity by JIP1 scaffold protein mediates NMDA-dependent hippocampal learning and memory	Dr. TODOROVIC, Cedomir	094

Buffet Dinner - Speaker: Sidney A. McNairy, Jr. - Entertainment: Hula Show - Leahi Ballroom
(18:00-20:00)

Tuesday 08 October 2013

Scientific Keynote Speaker: Jason Moore, Bioinformatics - Salon A/B (08:00-09:00)

Breakout Session IIIA: Infectious Diseases - Viruses - Salon A/B (09:00-11:00)

Moderator: Dr. Axel Lehrer, University of Hawaii Manoa

time	[id] title	presenter
09:00	[51] A CRISPR immune response to viruses that infect bacteria	WIEDENHEFT, Blake (Montana State University)
09:20	[48] Influenza A virus activates mast cells to enhance viral-induced pathology	GRAHAM, Amy (Montana State University)
09:40	[113] Type I IFN-regulated IL-13 signaling alters susceptibility to post-influenza superinfection with MRSA	Dr. RYNDA-APPLE, Agnieszka (Montana State University)
10:00	[34] West Nile virus-induced cell adhesion molecules on the brain microvascular endothelial cells are critical for the transmigration of peripheral leukocytes into the brain	Dr. VERMA, Saguna (University of Hawaii)
10:20	[14] HCMV Replication in ATM Deficient Cell Lines is Dependent Upon Virus Strain and Host Cellular Environment	Dr. ZAVALA, Anamaria (University of Idaho)
10:40	[101] Recombinant Filovirus Antigens are Safe and Potent Immunogens for Inducing Cellular and Humoral Immunity in Rodents and Non-human Primates and Provide Protection against Lethal Live Virus Challenge	Dr. LEHRER, Axel (University of Hawaii at Manoa, JABSOM, Department of Tropical Medicine)

Breakout Session IIIB: Cell & Molecular Biology - Salon C (09:00-11:00)

Moderator: Dr. Pratibha Nerurkar, University of Hawaii Manoa

time	[id] title	presenter
09:00	[70] RecN stimulates RecA-mediated recombinational DNA repair of DNA double-strand breaks	Dr. LUSETTI, Shelley (New Mexico State University)
09:20	[67] Helper Independent Self-inactivating Chimeric piggyBac Transposases for Genomic Targeting in Human Cells	Dr. MOISYADI, Stefan (University of Hawaii)
09:40	[143] Multimodal mechanism of action for the Cdc34 acidic loop: a case study for why ubiquitin conjugating enzymes have loops and tails	Dr. KLEIGER, Gary (University of Nevada, Las Vegas)
10:00	[102] Differential expression profile of microRNA and neuroinflammatory target mRNA in diabetic mouse brain	Dr. NERURKAR, Pratibha (College of Tropical Agriculture and Human Resources, University of Hawaii)
10:20	[92] Evolution of G-matrix of stress tolerance in yeast	Dr. DELCOURT, Matthieu (University of Idaho)
10:40	[64] Identification of Microbial Isolates for Culturing a Euglenid Protozoan	Ms. DEOBALD, Kelly (Idaho INBRE)

Breakout Session IIIC: Health Disparities - Salon 3 (09:00-11:00)

Moderator: Dr. Frank A von Hippel, University of Alaska Anchorage

time	[id] title	presenter
09:00	[142] Disparities and priorities for cancer in Nevada	Prof. PINHEIRO, Paulo (University of Nevada Las Vegas)
09:20	[80] Evolution of a Community-Based Participatory Research COBRE at the University of Alaska Fairbanks	Prof. BOYER, Bert (Center for Alaska Native Health Research; University of Alaska Fairbanks)
09:40	[87] Gender Differences in the Prevalence of Obesity and Associated Cardiometabolic Factors among Western Alaska Native People: The Western Alaska Tribal Collaborative for Health (WATCH) Study	Ms. HOPKINS, Scarlett (Center for Alaska Native Health Research, University of Alaska Fairbanks)
10:00	[81] Understanding and Addressing Disparities in Safe Drinking Water Access on the Crow Reservation	Mr. DOYLE, John (Crow Environmental Health Steering Committee; Little Big Horn College)
10:20	[36] Short and long term effectiveness of exercise, and mindfulness education in stress reduction in an American Indian population	Dr. HOLLER-DINSMORE, Christine (Fort Peck Community College)
10:40	[13] Community-based ecotoxicology with indigenous peoples	Prof. VON HIPPEL, Frank (University of Alaska Anchorage)

Closing Speech - Salon A/B (11:00-12:00)