**Conference Schedule**

**8:00 – 9:15 Check-In and Continental Breakfast**

Adirondack Hall- Northwest Bay Conference Center

**9:00 - 9:15 Welcome Address**

**Dr. Kristine Duffy, President SUNY Adirondack**

Adirondack Hall- Northwest Bay Conference Center

**9:30 – 10:50 Presentation Session I**

**Poster Session I:** Adirondack Hall- Northwest Bay Conference Center

**Oral Session Ia:** Bryan Hall- Room 146

**Oral Session Ib:** Bryan Hall- Room 148

**Oral Session Ic:** Bryan Hall- Room 151

**11:00 – 11:45 Keynote Address - Tod A. Laursen**

**Senior Vice Chancellor & Provost of the State University of New York**

Scoville Hall: Room 206

**12:00 – 1:30 Professional Development & Lunches**

**Student Group A**

12:00 – 12:40 Lunch Session A: Northwest Bay Conference Center

12:50 – 1:30 Student Session B1– Workforce Readiness: Dearlove Hall – Miller Auditorium

12:50 – 1:30 Student Session B2– Preparing for Graduate School: Bryan Hall 128

**Student Group B**

12:00 – 12:40 Student Session A1– Workforce Readiness: Dearlove Hall – Miller Auditorium

12:50 – 1:30 Student Session A2– Preparing for Graduate School: Bryan Hall 128

12:50 – 1:30 Lunch Session B: Northwest Bay Conference Center 12:50 – 1:30

**Faculty Lunch and Learning**

12:00 – 12:30 Lunch – Adirondack Hall 215

12:30 – 1:30 Dr. David Dai - Research Students: Adirondack Hall 215

**1:45 – 2:45 Poster and Oral Presentation Session II**

**Poster Session II:** Adirondack Hall- Northwest Bay Conference Center

**Oral Session IIa:** Bryan Hall- Room 146

**Oral Session IIb:** Bryan Hall- Room 148

**Oral Session IIc:** Bryan Hall- Room 151

**3:00 – 4:00 Poster and Oral Presentation Session III**

**Poster Session III:** Adirondack Hall- Northwest Bay Conference Center

**Oral Session IIIa:** Bryan Hall- Room 146

**Oral Session IIIb:** Bryan Hall- Room 148

**Oral Session IIIc:** Bryan Hall- Room 151

**4:15 – 5:00 Closing Reception**

**Dr. Stephen Danna, Dean SUNY Plattsburgh at Queensbury Branch Campus**

Adirondack Hall- Northwest Bay Conference Center

**Oral Session Ia**

Bryan Hall Room 146

Moderator: Carlisle D’Souza

Wildlife Response to Wildfire at the Altona Flat Rock Pine Barren in Northern NY

Mr. Matthew Adams1, Mr. Lloyd Staats1, Dr. Danielle Garneau1, Dr. Mark Lesser1

1SUNY Plattsburgh, Center for Earth and Environmental Science, Plattsburgh, United States

The Snowball Chamber: A Supercooled Approach to Dark Matter Detection

Mr Joshua Martin1

1State Univ Of Ny - Albany, Albany, United States

Inaugurating a US General Data Protection Regulation:

The Last Stand Against Invasive, Omnipresent Government and Corporate Surveillance

Roberto Matamoros1

1SUNY Sullivan Honors Program, Loch Sheldrake, US

Cationic Cellulose Nanocrystals: Synthesis, Characterization & Potential Biomedical Application as Vaccine Adjuvants

Ms. Beza Tuga1, Mr. Alexander Rabideau1, Mr. Christopher Smith1, Ms. Hannah Despres1, Dr. Karina Ckless1, Dr. Rajesh Sunasee1

1SUNY Plattsburgh, Plattsburgh, United States

**Oral Session Ib**

Bryan Hall Room 148

Moderator: Joyce Miller

Decline in Growth and Productivity of Sugar Maples in the Northeastern Adirondacks

Mr Patrick Bly1

1Center For Earth And Environmental Science, Plattsburgh, United States

Why Zoos Are Ethical

Ms. Krista Chilson1

1Suny Sullivan, Loch Sheldrake,

Multistep Synthesis of Lignin Model Compounds for Isomeric

Hydrolysis Rate Comparison

Ms Sneha Mohan1, Mr Dexter Criss1, Ms Devangi Patodiya1, Mr Napoleon Shand1, Ms Vanshika Patel1, Mr Barrett Waling1

1SUNY Plattsburgh, Plattsburgh, United States

Estimating Deer Populations in Northern Adirondack Forests

Jesse Pruden1, Danielle Garneau1, Mark Lesser1

1Suny Plattsburgh, Plattsburgh,

**Oral Session Ic**

Bryan Hall Room 151

Moderator: Naftali Rottenstreich

Effects of Snow Cover on Temperature and Seedling Survival

Helena Mueller1, Mark Lesser1

1SUNY Plattsburgh, Plattsburgh, United States

A “Quant” Approach to Predicting Revenue Growth

Maksim Papenkov1

1University at Albany, Albany, United States

"Life Stripped of Humanity”: The 1913 Buffalo Department Store Strike as a Case Study of Abused Female Department Store Workers

Mr. Kyle Thaine1

1University at Albany, Albany, United States

**Poster Session I**

1. A Mild and Green Esterification Method of Carboxylated Cellulose Nanocrystals

Ms Hafsa Abid1, Ms Caitrin Bodmer1, Mr Michael Keating1, Dr Rajesh Sunasee1

1SUNY Plattsburgh, Plattsburgh, United States

1. Reading Rankine's Citizen: Research to Explain the Textual Event

Melissa Astafiev1, Dylan Anderson1, Maleia Batts1, Heather Carmody1, Emily Hein1, Hannah Paciocco1

1SUNY Adirondack, Queensbury, Warren

1. Public Transportation Needs of SUNY Adirondack Students

Ms Bettina Beiersdorf1

1SUNY Adirondack, Queensbury, USA

1. The Jinx: Robert Durst on Trial

Mr. Tyler Bowman1

1SUNY Canton, Canton, USA

1. Where and When Do Turtles Cross The Road: The Case Of The NYS Threatened Blanding`S Turtle (Emydoidea Blandingii).

Mr Jase Briggs1

1SUNY Potsdam, Potsdam, United States

1. Cellulose Nanocrystals as Promising Nanoplatform for the Removal of Toxic Cationic Dye

Mr Richard Chandradat1, Mr Jeffrey K. Taylor2, Dr Alexandre H. Pinto2, Dr Rajesh Sunasee1

1Suny Plattsburgh, Plattsburgh, , 2Ithaca College, Ithaca, USA

1. Daphnia Glyphosate Proteomic Investigation

Ms Kerri Corcoran1

1SUNY Plattsburgh, Plattsburgh, United States

1. Catalase Expression and Activity in Serratia Marcescens (SM) Grown Under Static and Shaking Conditions

James Faraci1, Faith Haley1, Dr. Karina Ckless2, Dr. José de Ondarza1

1Biology Department, State University of New York at Plattsburgh, Plattsburgh , United States, 2Chemistry Department, State University of New York at Plattsburgh, Plattsburgh, United States

1. Expressionism in the Works

Ms Cassandra Flower1

1SUNY Cobleskill, Cobleskill, United States

1. Eclipses and the Power of Prediction

Brycen Franek1

1SUNY Cobleskill, Cobleskill,

1. The Effect of Beach Modification on Charadrius melodus Nesting in Cape May County.

Ms Emma Harrison1

1SUNY ESF, Syracuse, USA

1. The Effects of Estradiol on Hemoglobin Gene Expression in Daphnia dentifera

Abigail Hearns1

1SUNY Plattsburgh, Plattsburgh,

1. Taurine Stimulation? How Does it Work?

Sharif Britt1, Sophia Hutchens1

1Morrisville State College, Morrisville , United States

1. Impact of Endotoxin Contamination On the Immune Response Caused by Cellulose Nanocrystal (Cncs) Derivatives Designed for Potential Vaccine Adjuvants.

Ms Saejuti Kanungo1, Ms Jennifer Crain1, Mr Barrett Waling1, Mr Jason Nguyen1, Mr Christopher Smith1

1SUNY Plattsburgh, Plattsburgh, United States

1. IGEN and the Future of Entrepreneurship

Ms. Hannah LaPlante1

1SUNY Plattsburgh, Plattsburgh, United States

1. Attitudes and Behaviors Related to Illicit Drug Use and Alcohol Consumption in a SUNY Undergraduate Sample

**Aubrey LaRonde1**, Charlene Becker1, Justin Blanchard1, Sarah Culver1, Stacey Fish1, Veronica Giblin1, Brad James1, Loretta Lafferty1, Francesca (Randy) Parillo1, Brianne Pepper1, Taylor Ryerson1, Kaylin Scott1, Kimberly Taylor1, Sarah White1

1SUNY Plattsburgh Branch Campus, Queensbury, US

1. The Effect of the Proteinase Inhibitor Aprotinin on Planarian Tumorigenesis

Yu-cheng Lin1

1SUNY Morrisville, Morrisville, U.S.

1. Exposure and Loss of Environmental Enrichment Mediates Ethanol Consumption in Adolescent Female Rats

Ms Natalie Lipari1

1SUNY Cortland, Cortland , United States

1. Investigation of Nonpoint Source Contamination on a Small Residential Lake

Zachary Miller1

1SUNY Adirondack, Hudson Falls, United States

1. Meta Spider Species Identification Using CO1 Gene

Ms Rokhiya Ngom1

1SUNY Plattsburgh, Plattsburgh, USA

1. Comparison of Different Methods of Sterilization On the Cytotoxicity of Cellulose Nanocrystal (Cncs) Derivatives Designed for Biomedical Applications

Mr Jason Nguyen1, Mr Barrett Waling1, Ms Jennifer Crain1, Ms Saejuti Kanungo1, Mr Christopher Smith1, Dr. Karina Ckless1, Dr. Rajesh Sunasee1

1SUNY Plattsburgh, Plattsburgh, USA

1. The Migration Route of the Maya People to the Americas

Ms. Milagro Peters1

1SUNY Plattsburgh, Plattsburgh,

1. Operational Code Analysis: Assessing Leadership Behavior in International Relations

Ms Hayley Peterson1

1University at Albany, Albany, USA

1. Synthesis of Mechanically Interlocked Molecules

Dr. Vijaykumar Ramalingam1, Ms Maja Bajic1

1SUNY Polytechnic Instutite, Utica, USA

1. Feasibility of Affordable and User Friendly Prosthetic Hand

Nathaniel Rose1, Jena Freese1, Ryan McCarthy1, Kenneth Greco1, Douglas Armstead1

1SUNY Cortland/Physics and Engineering Club, Cortland, United States

1. Investigation of Preparation and Storage Methods on the Antioxidant Content of Fresh and Frozen Berries

Samuel Sears1

1SUNY Adirondack, Granville, United States

1. Maternal Depression Effects on Toddler’s Sleep

Ms Peri Sosensky1

1SUNY Albany, Albany, United States

1. Serial Killer Typology: A Multi-National Approach to Understanding the World’s Worst Offenders

Jamie Vogt1

1SUNY Canton, Canton, United States

1. A Student's Perspective of Program Redesign

Ryan Wright1

1SUNY Cobleskill, Cobleskill, United States

**Oral Session IIa**

Bryan Hall Room 146

Moderator: Amy Macaluso

Normalizing Sustainable Entrepreneurship

William Ang1

1SUNY Plattsburgh, PLATTSBURGH, United States

Design and Prototyping of Electroporators for Transgenic Mice Production.

Mr Ali Khan1

1SUNY Oswego, Oswego, USA

Asian Influence in New Spain: The Biombo as a Representative of Cultural and Artistic Blending

Ms Emily Maicus1

1SUNY Plattsburgh, Plattsburgh, United States

**Oral Session IIb**

Bryan Hall Room 148

Moderator: Robert Faivre

"I found myself within a forest dark": La Divina Commedia as a Psychological Odyssey

Freeman Eckles1

1SUNY Ulster, Stone Ridge, United States

Sustainability in the Everyday: Exploring Everyday Practices of Sustainability in Rural India

Taylor Held1

1SUNY Oneonta, Oneonta, United States

Strategies Best Suited for Working Within a Dual-Processing Model of Cognition

Mr Nicolas Kiroy1

1SUNY Plattsburgh, Morrisonville, United States

**Oral Session IIc**

Bryan Hall Room 151

Moderator: Rajush Sunasee

Influence of Environmental Variation on Epiphytic Bryophyte Assemblages on Acer saccarum Marsh. (Sugar Maple) in Northern and Central New York

Mr Steven Grunwald1

1SUNY ESF, Greenville, United States

Oligomers of MORE: Molecular Organometallic Resists for EUV

Ms. Shaheen Hasan1

1SUNY Polytechnic Institute CNSE, Albany, US

Making New Discoveries: Service Dog Teams and Handlers Participating in Science Research Laboratories at Colleges/Universities

Ms Nian Wan1

1SUNY Plattsburgh, Plattsburgh, USA

**Poster Session II**

1. The High Impact Practice in Agriculture: Biosecurity

Jennifer Anderson1

1SUNY Cobleskill, Cobleskill, United States

1. “The Story of the Sea-Divided Gaels. One in Name, And One in Fame…”: How Atlantic Newspapers Impacted the Irish

Ms Alanna Belanger1

1University at Albany, Albany, USA

1. Stream Water Toxicity Monitoring by Using Immobilized Bioluminescent Bacteria Photobacterium Phosphoreum as a Biosensor

Ms. Samatha Bowker1, Dr. Kathleen Gillespie1

1SUNY Cobleskill, Cobleskill, United States

1. Examining the Relationship between Self-Esteem and Social Conformity

Altaira Calen1, Imani Maitland1, Barbara Shaffer1

1Columbia-Greene Community College, Hudson, USA

1. Are Highly Religious Individuals Less Intellectual?

Christine Dempsey1, Samantha Roggio1, Barbara Shaffer1

1Columbia-Greene Community College, Hudson, United States

1. Examining the Relationship between Food Choice and Perceived Stress

Amanda Dudley1, Nicole Ramirez1, Barbara Shaffer1

1Columbia-Greene Community College, Hudson, United States

1. Genetically Development of Drought-Tolerant Switchgrass Cultivar

by Agrobacterium-mediated Transformation

Ms Xin Fang1, Ms Zian Wang1, Mr Mingjie Yang1, Mr Zitao Zheng1, Mr Tianran Pan1, Dr Lynda McMaster-Schuyler1, Dr Peiyu Zeng1

1suny cobleskill, Cobleskill, US

1. Determining Donor’s Age Through Blood Analysis Using ATR FT-IR Spectroscopy

Ms. Samantha Giuliano1

1University at Albany, Albany,

1. Physiological Differences in Tuxedo Plumage Variant of Excalfactoria chinensis

Camille Holmes1

1SUNY Potsdam, Potsdam, USA

1. Exploring Employee Motivation: An Analysis of Work Experiences that Fuel Employee Satisfaction

Robert Kochis

1Schenectady County Community College, Schenectady, United States

1. Reading the Signs: Conflicting Perceptions of Sexual Consent Among College Students

Emily Lancia1, Emily Mendelson1, Kimberly Lenchner1, Lillian Fok1

1Binghamton University/Human Sexualities Lab, ,

1. Improving the Resolution of ATLAS Detector Images

Ms. Chris Li1

1University at Albany, Albany, USA

1. Isolation and Genotyping of Dormant Yeast Retrieved from Beer off of the SS Oregon Shipwreck

Sabrina Long1, Zachary Taylor1, Nino Gagliardi1

1SUNY Cobleskill, ,

1. Establishment of Tissue Culture System for Hop Genetic Engineering

Ms Xinya Lu1, Mr Ruikang Zhang1, Mr Tianran Pan1, Mr Kyle Lentz1, Ms Alexandra Smith1, Mr Junpeng Xu1, Mr Zhizhong Yan1, Ms Peiyu Zeng1, Ms Lynda McMaster-Schuyler1

1SUNY Cobleskill, cobleskill, USA

1. Analysis of Ceramics at the Stephen and Harriet Myers Residence, A Hub of Albany’s Abolitionist Activities in the Mid-1800’s

Daniel Madigan1

1Albany/Department of Anthropology, Albany, United States

1. Maria van Rensselaer and the Power of Dutch Widowhood

Ms. Shannon Mattice1

1Suny Potsdam , Potsdam, United States

1. Policy vs Reality: Consent Discrepancies in University Policy and Actual College Hookup Encounters

Emily Mendelson1

1Binghamton University, Binghamton,

1. Examining the Phase Transition Between Garnet and Spinel and Assessing its Impact on Seismic Velocities

Ms Sarah Nolan

1SUNY New Paltz, New Paltz, United States

1. Genetically Engineering Stress-Tolerant Switchgrass Cultivars by Agrobacterium-Mediated Transformation

Mr Tianran Pan1, Ms Zian Wang1, Ms Mingjie Yang1, Ms Xin Fang1, Mr Zitao Zheng1, Ms Lynda Schuyler1, Ms Peiyu Zeng1

1Suny Cobleskill, cobleskill, United State

1. Influence of Cultural Variables on the Performance in the EMBRACED Matrices Task

Ms Erica Ruchlicki1, Ms Alys Quattrocchi1, Ms Ebunoluwa Smith1, Mr Dante Denardis1

1SUNY Plattsburgh, Plattsburgh, United States

1. The Relationship between Sport and Exercise Participation and Perceptions of Social Isolation

Anne Schaffer1, Barbara Shaffer1

1Columbia-Greene Community College, Hudson, United States

1. Human Behavioral Risk of Exposure to the Eastern Blacklegged (Deer) Tick, Ixodes scapularis

Ms Holly Smith1, Ms Sofia Jordan1, Mr Daniel Lyford1, Ms Gabrielle Matolka1, Mr Ethan Willis1, Dr Tracy Curtis1

1SUNY Broome Community College, Binghamton, United States

1. Beer Recipes: Yeast Identification

Melissa Snare1

1SUNY Cobleskill, Cobleskill, United States

1. Comparative Quantification of Pseudomonas Quinolone Signal (PQS) and Outer Membrane Vesicles (OMVs) during PAO1 and PA14 Pseudomonas aeruginosa Biofilm Development

Maria Carlucci1, Nadia Mirza1, Kayla Principe1, Michelle Terry1, Antonio Torlentino1

1Binghamton University, Binghamton, United States

1. Reconstructing African American Household Activities through Container Glass Analysis at the mid-1800's “Stephen and Harriet Meyers” Archaeological Site in Albany

Ms. Kathryn Ting1

1University at Albany, Albany, USA

1. Development of Drought and Salt Tolerant Switchgrass Cultivar by Over-expressing CodA Gene via Agrobacterium-Mediated Transformation Method

Mr Mingjie Yang1, Ms Xin Fang1, Ms Zian Wang1, Mr Tianran Pan1, Mr Zitiao Zheng1, Dr. Lynda McMaster-Schuyle1, Dr. Peiyu Zeng1

1SUNY cobleskill, Cobleskill, United state

1. Identification, Sequencing and Modeling of the 16S and 23S Secondary Structure rRNA Gene of Indigenous Microbes from Schenectady

Ms Hafsah Zorqane1, Ms Elizabeth Rivera1

1SUNY Schenectady County Community College, Schenectady, United State of America

**Oral Session IIIa**

Bryan Hall Room 146

Moderator: Naftali Rottenstreich

The Effects of Estradiol and Parasitism on Daphnia dentifera.

Shekina Moise1

1SUNY Plattsburgh, Plattsburgh, USA

An Autoethnographic Response to Death

**Mr. James Stamos1**

1SUNY Oneonta, HICKSVILLE, United States

Oneonta Voices: Investigating Identities through Podcast Media

Ms. Brianna Supensky1, Ms. Miranda Cagliano1

1Oneonta Voices, Oneonta, United States

**Oral Session IIIb**

Bryan Hall Room 148

Moderator: Tim Scherbatskoy

A Tale of Two Trees: Climate Effects On Growth Trends of Pinus Banksiana and Pinus Rigida at Opposing Range Margins

Linh Le1, Michael Hurban1, Mark Lesser1

1SUNY Plattsburgh, Plattsburgh, United States

The Role of DNA Repair Factors in Regulating mRNA Maturation

Morgan Skidders1

1SUNY Potsdam, Potsdam, United States

Human Presence and Their Activities Do Not Influence Behavioral Responses in Harbor Seals (Phoca vitulina) Under Human Care

Lauren Trifone1,3, Kevin Woo1,3, Kristy Biolsi2,3, Nicole Izzo-McDonald3,4, Candyce Paparo

1SUNY Empire State College, New York, USA, 2St. Francis College, Brooklyn Heights, USA, 3Center for the Study of Pinniped Ecology & Cognition , Brooklyn Heights, USA, 4Long Island Aquarium and Exhibition Center, Riverhead, USA

**Oral Session IIIc**

Bryan Hall Room 151

Moderator: Lale Davidson

Design of Cellulose Nanocrystal Based Antibacterial Agents

Mr Yusha Imtiaz1, Ms Beza Tuga1, Dr Rajesh Sunasee1, Dr Jose de Ondarza1

1SUNY Plattsburgh, Plattsburgh, United States

Assessing and Implementing Sustainability Related Policies Using Survey Data: Main findings of the Ecological Footprint Assessment Survey at SUNY Oneonta.

Ms Joanna Sosiewicz1, Mr Rahul Rastogi1

1SUNY Oneonta, Oneonta, United States

Effective Silences: A Theme-Analysis of Agrarian Distress and Farmer Suicides in India

Madison Young1

1SUNY Oneonta, Oneonta, United States

**Poster Session III**

1. Are You a Morning Glory or Night Owl?

Ms Christina Bastien1, Mr Eric Acosta1

1SUNY Plattsburgh, Plattsburgh, United States

1. Origins and Dispersal of Ixodes scapularis in the Southern Tier Region: A Mitochondrial DNA Perspective

Ms Lindsay T Blank1, Ms Jessica Kellam1, Ms Alivia Ruiz1

1Binghamton University, Binghamton, USA

1. Are Shopping Preferences Related to Social Isolation?

Kristin Brazie1, Mackenzie Finck1, Barbara Shaffer1

1Columbia-Greene Community College, Hudson, United States

1. Do Girls Still Just Wanna Have Fun? A Comparison of College Student Hookups over Eight Years at a Mid-sized University

Evan Connolly1, Alicia Clum1

1Binghamton Human Sexuality Lab, Binghamton, United States

1. mTOR Signaling Contributes to SASP Regulation by Promoting AU-Rich mRNA Stabilization in Senescent IMR-90 Fibroblasts

Habben Desta1

1SUNY Polytechnic Institute Colleges of Nanoscale Science and Engineering, Albany, United States of America

1. An Examination of the Relationship between Pet Attachment and General Well-being

Randy Dunham1, Teanna Hedgepeth1, Barbara Shaffer1

1Columbia-Greene Community College, Hudson, USA

1. The Wolfe Park Mapping Project: A Student Led Research Initiative

Monique Gee1, Alex Mozes1, Daniel Lyford1, Tyler Dovin1, Zachary Malyszek1

1SUNY Broome Community College, Binghamton, United States

1. 3D Plastics Mechanical Testing

Mr Nicholas Hayko1, Mr Tyler Mucci1

1SUNY Broome Community College, Binghamton, United States

1. The Role of a Protein Degradation Factor in the DNA Damage Response

Alex Hofler1

1SUNY Potsdam, Potsdam,

1. Examining the Relationship between Music and Social Isolation

Eliza Hope1, Robert Mancuso1, Barbara Shaffer1

1Columbia-Greene Community College, Hudson, United States

1. Trends in levels of Deoxynivalenol (DON/Vomitoxin) in Wheat in Varying Weather Conditions over time.

Ms. Charlotte Labrie-Cleary1, Ms. Hanna Greulich1, Dr. Cleane Medeiros1

1Agricultural Testing And Analysis Laboratory, Oswego, United States

1. Parasitology of Adirondack Fish

Jacob LaVarnway1, Adelena Sackett1

1SUNY Plattsburgh, Plattsburgh, 12981

1. Controlling Calcite Rhombohedrons in a Polarized Optical Trap

Ms Johanna Levey1

1SUNY New Paltz, New Paltz, United States

1. How Flexible Seating Impacts Student Movement and Behavior

Lauren Lionetti1

1SUNY Plattsburgh, Plattsburgh, United States

1. The Effect of Age on Bovine Macular Degeneration

Samantha Lowy1

1SUNY Cobleskill, Cobleskill, United States of America

1. Large Scale Purification of a Protein Complex Involved in Protein Degradation from Yeast

Ms Monica Mack1

1SUNY Potsdam , Potsdam,

1. Population Genetics of Southern Anatolia According to Mitochondrial DNA

Ms Nicole Martini1, Ms Amelia Chuisano1, Mr Kai Higuchi1, Mr Alex Montoya1, Ms Catherine Ayiku1

1SUNY Binghamton University , Binghamton, United States of America

1. Pro- Vaccine versus Anti- Vaccine language: How Media Affects Healthcare

Ms Annie McDowell1

1Cayuga Community College, Mexico, United States

1. Skeletal Adaptations for an Aquatic Lifestyle in the Tail of Reptiles

Ms Kyra Moosmueller1

1SUNY Cobleskill, Cobleskill, United States

1. Improving Student Engagement Opportunities on a Community College Campus

Carlene Palmer-Palmateer1, Samantha Mizener1, Sarah Juzapavicus1, Barbara Shaffer1

1Columbia-Greene Community College, Hudson, United States

1. Optimization of a Culture Method for Borrelia from Blood

Cameron Rogers1, Holly Ahern1

1SUNY Adirondack, Queensbury, United States

1. Development of a novel quantification method for cyclic di-GMP using bis (p-nitrophenyl) phosphate

Mr. Peter Russo1, Ms. Talia Cheifetz1, Mr. Christopher Farrell1

1Binghamton University, Binghamton, US

1. Mental Health Education in Elementary School

Kaitlyn Small1

1SUNY Plattsburgh, Plattsburgh, United States

1. Influence of Cultural Factors on Auditory Perception: The EMBRACED Melodies Task

Ms Erica Ruchlicki1, Ms Alys Quattrocchi1, Ms Ebunoluwa Smith1, Mr Dante Denardis1

1State University of New York at Plattsburgh, Plattsburgh, United States

1. Dendrochronology: An Exercise in Practical Application and Historical Exhibition

Mr Wayne Stokes1, Mr Mark Lesser1

1SUNY Plattsburgh, Plattsburgh, United States of America

1. Establishment and growth of trees encroaching into a boreal peatland in the central Adirondacks, New York State

Mr Troy Tetreault1, Steve Langdon2

1SUNY Plattsburgh, Plattsburgh, United States, 2Shingle Shanty Preserve and Research Station, ,

1. Engineering Drought and Salt Tolerant Switchgrass Cultivars by Overexpressing AVP1, the vacuole Proton Pump (in progress…)

Ms Zian Wang1, Mr Mingjie Yang1, Ms Xin Fang1, Mr Tianran Pan1, Mr Zitao Zheng1, Ms Lynda McMaster-Schuyler1, Ms Peiyu Zeng1

1suny cobleskill, Cobleskill, united states

1. Establishment of Tissue Culture System for Hemp Genetic Transformation

Mr Ruikang Zhang1, Ms Xinya Lu1, Mr Tianran Pan1, Mr Zhizhong Yan1, Mr Junpeng Xu1, Ms Alexandra Smith1, Mr Lentz Kyle1, Dr Peiyu Zeng1, Dr Lynda McMaster-Schuyler1

1SUNY Cobleskill, Cobleskill