

Student Technology and Research Symposium (STRS)					
Date	5-Nov-22				
Time	Number	Presenter	College	Advisor	Title
9:00		Dr. Farias-Eisner			Opening Remarks
9:05		Dr. Henson			Opening Remarks
9:10		Dr. Szurmant			General Speaker Rules and Guidelines
9:15	1	Alexandra Lopez de Victoria	CVM	Dominique Griffon, DVM, PhD, CVM	Antibiofilm therapy using local application of bacteriophages in a mouse model of MRSA and <i>Pseudomonas aeruginosa</i> ODRI
9:30	2	Nicolette Herbert	COMP	Anita Nelson, MD, COMP	How family structure and childhood health care access influence career choices in the medical field: A survey of osteopathic medical students
9:45	3	Nandini Varma	MSBS	Irina Vukmanovic Nosrat, PhD, CDM	The role of zinc in preventing taste dysfunction in patients undergoing chemotherapy
10:00	4	Jeremy Wood	COMP-NW	Mandilin Hudson, DO, COMP-NW	Provider attitudes towards psychedelic-assisted therapy – a meta-analysis
10:15	5	Sarah Seo and Donya Rabadi	CPM	Chandler Hubbard, DPM, CPM	Can early revascularization in diabetics with PAD mitigate risk for major amputation: Literature Review
10:30	6	Michelle Turken	COMP	Susan Mackintosh, DO, COMP	Asylum Imagery: A Comparative Analysis of Diane Arbus' Untitled and Unearthly Series
10:45		15 MINUTE BREAK			BREAK
11:00	7	Carol Lin	COP	Ying Huang, PhD, COP	The Chemopreventive Effects of Carvedilol and Nebivolol in Benzo(a)pyrene-induced Transformation of Non-tumorous Bronchial Epithelial Cell
11:15	8	Hamsat Anwar	COMP-NW	Edie Sperling, PhD, COMP-NW	Production of Motor Capsular Responses with Asleep Deep Brain Stimulation in Patients with Parkinson's
11:30	9	Joshua Littig	CPM	Rebecca Moellmer, DPM, CPM	Increased Population of CD40+ Fibroblasts is Associated with 2 Impaired Wound Healing and Chronic Inflammation in Dia-3 betic Foot Ulcers
11:45	10	Alan Hsieh	COMP	Sara Suliman, PhD, UCSF	Transcriptional Profiling of Germline-Encoded, Mycolyl-Reactive Cells in Previously <i>Mycobacterium tuberculosis</i> -Exposed Peruvians
12:00	11	Jimmy Lin	MSBS	Q. Quinn Li, PhD, CDM	The Role of Exosomes in Neurological Disorder
12:15	12	Cathleen Nguyen and Andrew Lian	COMP	Brian Kraatz, PhD, COMP	Gross and Digital Dissections of the Leporid Occipital Region
12:30		60 min LUNCH BREAK			BREAK
13:30	13	Jerry Trinh and Jennifer Shin	COMP	Vikrant Rai, PhD, COMP	Targeting Oncostatin M Receptor (OSMR) to attenuate plaque vulnerability
13:45	14	Scarlett Harrison	CVM	Rhea Hanselmann, DVM, PhD, CVM, Gillian Angliss, DVM	What is a veterinary desert? The first steps toward a definition
14:00	15	Sydney Jennings and Keely Hackett	COMP-NW	Michelle Steinauer, PhD, COMP-NW	Investigating DNA methylation patterns of newborns from a mining community in the U.S.
14:15	16	Kevin Chen	COMP	Danilo Bernardo, MD, UCSF	Nodding Syndrome: A Clinical Update
14:30	17	Bhumi Patel	CPM	Kelly Parks, DPM, CPM	Analyzing Efficacy of Topical Antifungals in the Pediatric Population: A Review
14:45	18	Kelsey Morris	COMP	Hindi Stohl, MD, UCLA	Home vs. Hospital Birth: Patient Perceptions, Attitudes, and Advice Expressed on Reddit
15:00	19	Savannah Santiago	CPM	Jonathan Labovitz, DPM, CPM	Use of 8% Capsaicin for Treatment of Pain Secondary to Neuropathy from Diabetes, HIV and Chemotherapy
15:15		15 MINUTE BREAK			BREAK
15:30	20	Leilani Lopes and Conor Davenport	COMP-NW	Glen Kisby, PhD, COMP-NW	Neuropathological Examination of Secondhand Smoke-Induced Neurocognitive Decline
15:45	21	Sharon Kim	COP	Bradley Andresen, PhD, COP	Identifying the mechanism of EGF-mediated transformation of JB6 P+ cells
16:00	22	Alexis Samples	COMP	Mohammed Elsalanty, PhD, COMP	Quantifying bone viability in the mandible after dental trauma in zoledronate-treated female rats
16:15	23	Iquo-Bella Udoh	MSBS	Miou Zhou, PhD, CDM	The Effect of Contextual Pre-Exposure on Memory Extinction
16:30	24	Belinda Jimenez and Negin Esmailzadeh	CPM	Saba Sadra, DPM, CPM	The Prevalence of Minimally Invasive Surgeries within Podiatric Medicine
16:45	25	Ali Badaoui and Arbi Abnousian	COMP	Vishwanath Venketaraman, PhD, COMP	Absorption of Glutathione given Topically using Glutaryl™
17:00		Dr. Henson and Dr. Szurmant			Closing Remarks

ABSTRACT AWARD RECIPIENTS

Student	College	Advisor	Topic
Michelle McCorkell	CVM	Rhea Hanselmann	Antibiotic resistance
Iquo-Bella Udoh	MSBS	Miou Zhou	Memory extinction
Greta Brown/Todd Hinsch	COMP-NW	Edie Sperling	Obstructive sleep apnea
Leilani Lopes/Conor Davenport	COMP-NW	Glen Kisby	Second-hand smoking
Sofia Penrose	COMP-NW	Belinda McCully	Carcinoid disease
Sarah Thomas	COMP-NW	Brian Wasko	Longevity
Armand Yazdani	COMP	Devendra Agrawal	Rotator cuff injuries
Ira Glassman	COMP	Hendrik Szurmant	Antibiotic development
Pauline Cheng	COMP	Finosh Thankam	Myocardial infarction
Alan Hsieh	COMP	Sarah Suliman	Tuberculosis immunology