
Zeigler Virtual Forum 2021

College of Nursing and Health Sciences

May 12, 2021

9:30AM– 1:15PM

Zoom Link: <https://uvmcom.zoom.us/j/94065694932>

Schedule of Events

Keynote Address

Student Talks with Q&A

Poster Presentations

Schedule of Events

9:30 a.m. - Welcome Address: Dean Anderson

9:40 a.m. - Keynote: Dr. Kim Bauerly

10:10 a.m. - Virtual Poster Session

10:50 a.m. - Break

11 a.m. - Student Talks with Q&A: Communication Sciences & Disorders

11:30 a.m. - Student Talks with Q&A: Biomedical & Health Sciences

12 p.m. - Break

12:10 p.m. - Student Talks with Q&A: Nursing

12:40 p.m. - Student Talks with Q&A: Rehabilitation & Movement Science

1:15 p.m. - Closing Remarks: Dean Anderson

Keynote Address

EFFECTS OF ATTENTIONAL FOCUS ON ARTICULATORY CONTROL IN ADULTS WHO STUTTER AND ITS RELATIONSHIP TO SOCIAL ANXIETY

Evidence suggests social stress has a stronger destabilizing effect on speech-motor control in adults who stutter (AWS) compared to adults who do not stutter (ANS). However, the nature of this interaction is not fully understood. One reason may be due to effects from mediating factors such as attention or consciousness in control, which have gone largely ignored. This presentation will discuss results from a project assessing changes in speech-motor control in AWS when speaking under an internal-focus, external-focus and social stress conditions.

A discussion will focus on the importance of understanding the relationship between social anxiety and the development of maladaptive social behaviors (attentional bias) in AWS and the implications this has on the development of treatment strategies aimed at reducing social anxiety and building more effective, fluency promoting communication strategies.

KEYNOTE SPEAKER: Dr. Kim Bauerly



[Dr. Bauerly](#) is assistant professor in the University of Vermont's Department of Communication Sciences and Disorders. Her research involves the effects of emotion on speech-motor control in people who stutter, with a specific interest in gaining a deeper understanding of the relationship between self-reports of anxiety and autonomic changes when under different emotional states in adults who stutter.

Dr. Bauerly is also interested in investigating the impact of emotional reactivity and regulatory processes on articulatory control, particularly when under conditions of social stress. She is an experienced speech-language pathologist with expertise treating children and adults who stutter using both individual and group treatment approaches.

Student Talks with Q&A

Communication Sciences and Disorders

- **Presenter: Claudia Abbiati**
Communication is movement: Speech and gesture control and coordination in autism
- **Presenter: Ashley Brien**
We are our memories: Evaluating the efficacy of a new caregiver-mediated intervention to support episodic memory in children with Autism Spectrum Disorders

Biomedical and Health Sciences

- **Presenter: Jenna Eaton**
Functional Characterization of Somatic STK11 Variants of Unknown Significance Identified in Lung Adenocarcinoma
Authors: Jenna Eaton, Tyler Hogan, Meagan Lebeau, Hailey Sarausky, Sean Lenahan, David Seward and Paula Deming
- **Presenter: Princess Rodriguez**
Ikaros regulates the chromatin landscape of mature B-cells and enforces the requirement for costimulatory signal
Authors: Princess Rodriguez, William Howell, Joseph Boyd, Seth Fietze, and Hilde Schjerven

Nursing

- **Presenters: Hannah Scheibner & Hannah Schirling**
Labor and Delivery Experiences of Autistic Women
- **Presenter: Jennifer Synnott**
Improving Recognition of Delirium in Elderly Patients Hospitalized for Hip Fracture

Rehabilitation and Movement Science

- **Presenter: Mariana Wingood, PT, DPT**
The Inventory of Physical Activity Barriers: Scale Refinement and Validation
- **Presenter: Michael VanNostrand**
Cognitive Motor Interference and Cortical Activation While Walking in Individuals with Multiple Sclerosis

Poster Presentations

Student poster presentations accessible via
VoiceThread by department

Biomedical and Health Sciences

<https://voicethread.com/myvoice/browse/threadbox/5375>

Communication Sciences and Disorders

<https://voicethread.com/myvoice/browse/threadbox/5376>

Nursing

<https://voicethread.com/myvoice/browse/threadbox/5377>

Rehabilitation and Movement Science

<https://voicethread.com/myvoice/browse/threadbox/5378>

Biomedical and Health Sciences

VoiceThread Link: <https://voicethread.com/myvoice/browse/threadbox/5375>

Author(s)	Title
Theresa Montgomery, Korin Eckstrom, Axel Kunstner, Josephine J. Kennedy, Hauke Busch, Matthew J. Wargo, Dimitry N. Krementsov	Gut commensal Lactobacillus reuteri exacerbates CNS autoimmunity in a dietary tryptophan-dependent manner
Marianna Tomanelli, Paula Deming	Assessment of Barriers to Interoperability in Medical Image Exchange: A Mixed Methods Approach
Lorrie Blais, Theresa L. Montgomery, Eyal Amiel, Paula B. Deming, Dimitry N. Krementsov	Probiotic and commensal gut microbial therapies in multiple sclerosis and its animal models: A systematic literature review
Shannon Murphy	Guiding Expansion and Diversification in the Midwifery Workforce
Liam du Preez, Adam Ulano, Emily Azalone, Andrew Solomon	The Utility of Gadolinium Contrast Agents in Older Multiple Sclerosis Patients not on Disease Modifying Therapy
Dylan Koundakjian, Bradley J. Thompkins, Allen B. Repp	Effects of a new hospital building on patient outcomes

Biomedical and Health Sciences, Continued

Author(s)	Title
Alexa Golden, Alia Aunchman, Gary An	Assessment Strategy for Implementation of Evidence-Based Protocol for Antibiotics in Appendicitis
Abby Goldman, Laura Lewis	Pediatric Primary Care Provider Survey: Autism Spectrum Disorder (ASD) and Mental Health Disorders
Nicole Bellhorn	Cooking intervention and Perceived Stress Levels Among College Students
Bristy Sabikunnahar	A novel lncRNA U90926 increases susceptibility to endotoxic shock
Stella Varnum, Bristy Sabikunnahar, Sydney Caldwell, Dimitry N. Krementsov	Investigating the Functional Potential of lncRNA and Protein Encoded by U90926, a Negative Regulator of Adipogenesis
Sydney Caldwell, Bristy Sabikunnahar, Stella Varnum, Dimitry N. Krementsov	The determination of protein coding potential of lncRNA U90926 and its effect on adipogenesis
Alyssa Richman, Seth Frieze	Epigenetic analysis of Ikaros tumor suppressor function in acute lymphoblastic leukemia
Jenna Eaton, Tyler Hogan, Meagan Lebeau, Hailey Sarausky, Sean Lenahan, David Seward, Paula Deming	Functional Characterization of Somatic STK11 Variants of Unknown Significance Identified in Lung Adenocarcinoma
Eric Coughlin	Cycle Cycle Dynamics of Bromodomain Proteins ATAD2 and ATAD2B

Communication Sciences and Disorders

VoiceThread Link: <https://voicethread.com/myvoice/browse/threadbox/5376>

Author(s)	Title
Kassidy Walkowiak, Shelley Velleman, Claudia Abbiati	Spontaneous vs. Elicited Speech Performance of Preschool-aged Children with Williams Syndrome
Sindhu Donepudi, Patricia Prelock	Theory of Mind Differences Between Children with and without Autism Spectrum Disorder Following Social Story Intervention
Emily Moran, Patricia Prelock	The Influence of Social Story Interventions on Children with and without Autism Spectrum Disorder (ASD) Based on Maternal Education
Emily Moran	Children's Book: The Adventure of Cordelia and Dibbles
Gwyn Gauthier, Tiffany L. Hutchins	Adverse Childhood Experiences and Theory of Mind: A Literature Review
Sophie Knox, Ashley Brien, Tiffany Hutchins	The Social Validity of a Novel Caregiver Intervention to Support Episodic Memory in Autism: A Single Case Study

Communication Sciences and Disorders, Continued

Author(s)	Title
Annie Culter, Shunjiro Kida, Alexa Medd, Faith Pease	Efficacy of Augmentative and Alternative Communication (AAC) Intervention in Communication Outcomes in the Intensive Care Unit: A Systematic Review
Kayla Allard, Kelsey Bullock, Emma Kutscher	A Parent Training Model to Support Episodic Memory in Children with Autism Spectrum Disorder: A Novel Approach
Shira Habermehl, Patricia Prelock	Efficacy of Social Stories vs. Novel Shared Book Reading Intervention
Isabella Knittel, Tatum Wilson, Nancy Gauvin	To P.i.N.C.H. or not to P.i.N.C.H.? That is the Question: A Retrospective Study
Remonica Burnham, Adrienne Harris, Lisa Razo, Julia Vitale	Systematic Review of the Efficacy of LSVT LOUD for Patients with Parkinson's Disease
Cameron Bilardello, Kim Bauerly	Respiratory sinus arrhythmia levels in adults who stutter compared to adults who do not stutter and its relationship with self-reports of anxiety

Nursing

VoiceThread Link: <https://voicethread.com/myvoice/browse/threadbox/5377>

Author(s)	Title
Alexa Cestrone, Hannah Schirling, Emma Beaudoin, Hannah Scheibner, Laura Lewis	Labor and Delivery Experiences of Autistic Women: A narrative Research Study
Kylie Beausoleil, Jason Garbarino, Laura Lewis	The Benefits of Technology for Older Adults During the COVID-19 Pandemic
Paige Brower	The Parental Experience of Having a Child Diagnosed with Type 1 Diabetes
Marisela Isak, Carly Soler, Marcia Bosek	The Lived Experience of the Licensed Nursing Assistants (LNA) Providing Care in the Hospital Setting during the COVID-19 Pandemic

Rehabilitation and Movement Science

VoiceThread Link: <https://voicethread.com/myvoice/browse/threadbox/5378>

Author(s)	Title
Nicole Acierno, Micaela Capozzo, Emily Higgins, Samantha Hornsby, Carolyn Snell, Rebecca Ouellette-Morton	Impact of physical therapist-led telehealth on functional and psychosocial outcomes for women with stage I-III breast cancer: A systematic review
Kathryne Gutekunst, Michael McCormack, Marilyn Ong, Andrew Sawtell, Sadie Thompson, Karen C. Westervelt	The Evolution of Outpatient Chronic Pain Management Programs: A Mapping Review
Leigh Holahan, Matt Sanders, Carley Treshinsky, Paula Smith	Crushed by Debt: A systematic literature review on the impact of graduate debt on early career choices for new physical therapists in comparison to other clinical doctorate
Natasha Anand, Daniel Barry, Michael Hickey, John Redito, Nancy Bianchi, Michiel Reneman, Reuben Escorpizo	Content Validity for Chronic Pain PROMs
Andrew Barnes, Charlotte Key, Yukiko McQueeny, Faith Richard, Jillian Varin	Behavioral and Neurophysiological Deficits in Adults with Post-Concussion Syndrome: A Scoping Review
Erin Condon, Jeffrey Hennessy, Elizabeth Macksey, Madalyn Pfeifer, Mathew Failla	PTOA Risk Following Isolated ACLR or ACLR and Meniscal Injury

Rehabilitation and Movement Sciences, Continued

Author(s)	Title
Carlee Casey, Astrida Griswold, Patrick McGrath, Sophie Zimmerman, Mathew Failla	Efficacy of Scapular-Focused Treatment for Shoulder Pain
Avital S., Jared B., Zebulon S., Emily B.	Observation of Patient Satisfaction and Clinical Outcomes
Michael VanNostrand, Katie Emberley, Kristina Shanahan, Erin Cairns, Bel Sogoloff, Carley Giroux, Lance Bergmans, Susan Kasser	Mobility and Multitasking in People with Multiple Sclerosis
Lucas Van Horn	Persistent Postural Perceptual Dizziness (PPPD): A Scoping Review
Julia Casey, Minija Edgar, Harper Favreau, Nima Sherpa, Cara Tillou	Accuracy and Patient Satisfaction with using a Language Interpreter in the Healthcare Setting: A Systematic Literature Review
Ashley Mekkelsen	Neurophysiological and Behavioral Correlates of Post-Concussion Syndrome: A Scoping Review
Nicole Bellhorn	Cooking intervention and Perceived Stress Levels Among College Students