

5th Annual *Graduate Medical Education* Research Symposium



May 3, 2023

Truhlsen Events Center,
Michael F. Sorrell Center for Health Science Education



5th Annual *Graduate Medical Education* Research Symposium

Program Agenda

Introduction

Chandra Are, MD

*Associate Dean, Graduate Medical Education
University of Nebraska Medical Center*

Truhlsen Events Center 1001A

Welcome Remarks

4:00 p.m.

Jeffrey P. Gold, MD

Chancellor, University of Nebraska Medical Center

Truhlsen Events Center 1001A

4:05 p.m.

Bradley Britigan, MD

Dean, College of Medicine, University of Nebraska Medical Center

Truhlsen Events Center 1001A

4:10 p.m.

Chandra Are, MD

*Associate Dean, Graduate Medical Education
University of Nebraska Medical Center*

Truhlsen Events Center 1001A

4:15 p.m.

Orientation with Moderators/Coordinators

Michael F. Sorrel Center (MSC) 1005

4:30 – 5:30 p.m.

Oral Presentations, concurrent sessions

Truhlsen Events Center 1001B, 1001C, 1001D
MSC 1005, 3030

Poster Presentations, concurrent sessions

Truhlsen Events Center 1001A and Corridors

6:00 p.m.

Award Presentations and Closing Remarks

Truhlsen Events Center 1001A

6:15 p.m.

Grab and Go Dinner

Truhlsen Events Center 1001A

GRADUATE MEDICAL EDUCATION RESEARCH SYMPOSIUM

Oral Presentations: Original Research

Session 1 | Truhlsen Events Center 1001B | Original Research

Moderator: Dr. Marco A. Olivera-Martinez

#	TIME	NAME/DEPARTMENT	TITLE
1	4:30	Dr. Patrick Twohig Internal Medicine	Mortality Remains Increased among Hospitalized Patients with Cirrhosis after the COVID-19 Pandemic
2	4:40	Dr. Patrick Twohig Internal Medicine	Prevalence of Hepatic Steatosis & Fibrosis in Turner Syndrome: A Prospective Case-Control Study
3	4:50	Dr. Donghyun Kim Internal Medicine	Up-regulation of the Tumor Suppressor MicroRNA LET-7 in Inflammatory Bowel Disease is a Novel Molecular Marker for Induction of Disease Remission
4	5:00	Dr. Glen Clinton Emergency Medicine	Comparison of Outcomes for Patients Admitted from the Emergency Department with Focal vs Multifocal Pneumonia
5	5:10	Dr. Mackenzie Keintz Internal Medicine	Outcomes in Intravenous to Oral Antimicrobial Therapy in Beta-Hemolytic Streptococcus Species

Session 2 | Truhlsen Events Center 1001C | Original Research

Moderator: Dr. Tiffany Tanner

#	TIME	NAME/DEPARTMENT	TITLE
6	4:30	Dr. Jason Lizalek Surgery	Clinically Significant Hypotension in Patients Undergoing Thoracoscopic Lobectomy: A Single-center, Retrospective Analysis of Thoracic Epidural Analgesia Versus Liposomal Bupivacaine Intercostal Nerve Blockade
7	4:40	Dr. Krysta Sutyak Surgery	Predictors of Trauma Patients Leaving Against Medical Advice
8	4:50	Dr. Michael Visenio Surgery	Faculty Perceptions of Resident Engagement and Preparedness Following Implementation of a Faculty-led Didactic Curriculum in General Surgery
9	5:00	Dr. Adam Cloos Surgery	Analyzing Predictive Factors for Pathologic Complete Response for Locally Advanced Rectal Cancer
10	5:10	Dr. Joseph Menousek Neurosurgery	Perception and Representation of LGBTQ+ Individuals in Neurosurgical Training

Session 3 | Truhlsen Events Center 1001D | Original Research

Moderator: Dr. Craig A. Piquette

#	TIME	NAME/DEPARTMENT	TITLE
11	4:30	Dr. Ellen Horstmann Emergency Medicine	Incidence and Outcomes of Acute Appendicitis during the COVID-19 Pandemic
12	4:40	Dr. Debra Wekesa Internal Medicine	What Do Our Patients Really Know About Dialysis and End Stage Kidney Disease
13	4:50	Dr. Catherine Cichon Internal Medicine	Speaker Demographics at the Society for Healthcare Epidemiology of America (SHEA) Spring Conference, 2019 – 2022
14	5:00	Dr. Patrick Twohig Internal Medicine	Predictors and Outcomes of Alcohol Use Disorder Treatment in Patients Admitted with Alcohol-Associated Liver Disease
15	5:10	Dr. Patrick Twohig Internal Medicine	Trends, Predictors and Outcomes of Hepatic Encephalopathy Treatment Among Hospitalized Patients at a Quaternary Transplant Center from 2012 – 2022

Session 4 | MSC 1005 | Original Research

Moderator: Dr. Jonathan R. Thompson

#	TIME	NAME/DEPARTMENT	TITLE
16	4:30	Dr. Ali Hakim Surgery	Changes in Tissue Oximetry Dynamics During Stress Testing in a Swine Hindlimb Ischemia Model
17	4:40	Dr. Ali Hakim Surgery	Mini-swine Model of Hindlimb Ischemia on a Background of Metabolic Syndrome Mimics Peripheral Artery Disease and Claudication
18	4:50	Dr. Rachel Newton Surgery	Standardized Approach to Managing Adhesive Small Bowel Obstructions Reduces Hospital Length of Stay on the Emergency General Surgery Service
19	5:00	Dr. Kelsey Tiesen Surgery	Resident Satisfaction with Didactic Curriculum and ABSITE Scores After a Major Curriculum Change
20	5:10	Dr. Marc Ohlhausen Ophthalmology & Visual Sciences	Impact and Characterization of Delayed Panretinal Photocoagulation in Proliferative Diabetic Retinopathy

Session 5 | MSC 3030 | Original Research

Moderator: Dr. Shannon Lynch

#	TIME	NAME/DEPARTMENT	TITLE
21	4:30	Dr. Chloe Peyton Internal Medicine	Comparison of Peripheral Biomarker Profiles Across Unique Multimorbidity Patterns in Rheumatoid Arthritis
22	4:40	Dr. Eliot Blue Internal Medicine	Interactive Learning and UV Dosimetry as a means to Improving Sun Safety Knowledge and Behaviors
23	4:50	Dr. Elizabeth Blowers Internal Medicine	The Roles of Mucins MUC5AC and MUC16 in Lung Cancer
24	5:00	Dr. Christine Ryu Ophthalmology & Visual Sciences	Efficacy of the Buried Temporary Suture Tarsorrhaphy
25	5:10	Dr. Mathew Freeman Orthopaedic Surgery & Rehabilitation	Novel Fluoroscopic Trainer for the Orthopaedic Trainee
26	5:20	Dr. Arthur Lanoux-Nguyen Surgery	Liposuction for Superficialization of Deep Hemodialysis Vascular Access: A Novel Application

GRADUATE MEDICAL EDUCATION RESEARCH SYMPOSIUM

Poster Presentations: Original Research

Session 6 | Truhlsen Events Center 1001A & Corridors | Original Research

Moderator: Dr. Chad E. Branecki

#	TIME	NAME/DEPARTMENT	TITLE
27	4:30	Dr. Jennifer Fernandez Dermatology	A Comparison Between Asian Americans and Pacific Islanders with Cutaneous Melanoma of 1,339 Cases from the National Cancer Database Cases
28	4:40	Dr. Frank Mezzacappa Neurosurgery	Potential Prognostic Determinants for FET::CREB Fusion Positive Intracranial Mesenchymal Tumors
29	4:50	Dr. Mark Ringle Surgery	Too Much Time on Their Hands? - Evolving Characteristics of Adult Trauma Patients During the COVID-19 Pandemic
30	5:00	Dr. Renfeng Xu Ophthalmology & Visual Sciences	A Longitudinal Study of K Values Changes After Penetrating Keratoplasty (PKP)
31	5:10	Dr. Kyle Scholten Internal Medicine	Comparing Outcomes of Acute Pancreatitis in United States Military Veterans With and Without Post-Traumatic Stress Disorder

Session 7 | Truhlsen Events Center 1001A & Corridors | Original Research

Moderator: Dr. Aaron D. Lanik

#	TIME	NAME/DEPARTMENT	TITLE
32	4:30	Dr. Elizabeth Reiche Emergency Medicine	Evaluation of prehospital providers perceived ultrasound competence and confidence before and after an education session
33	4:40	Dr. Claire Schmitz Internal Medicine	Improving Safety Through Accurate and Patient-centered Insulin Discharge Instructions
34	4:50	Dr. Diana Bosworth Family Medicine	Medical School Elective on Breastfeeding Medicine Successful, Possible Model for Addressing Curriculum Gap
35	5:00	Dr. Salman Assad Neurological Sciences	Implementation of Standardized Ictal and Post-Ictal Examinations in Epilepsy Monitoring Unit

Session 8 | Truhlsen Events Center 1001A & Corridors | Original Research**Moderator:** Dr. Ronald Zolty, Dr. Kathryn Hutchins

#	TIME	NAME/DEPARTMENT	TITLE
36	4:30	Dr. Julia Carter Emergency Medicine	Provider Knowledge and Utilization of Naloxone Prescriptions from the Emergency Department
37	4:40	Dr. Steven Prueitt Family Medicine	Perceived Barriers of Implementing Battlefield Acupuncture in Civilian Family Medicine Clinics: A Qualitative Study
38	4:50	Dr. Cristina Torres Internal Medicine	Changing the Culture of Obtaining Urine Cultures; Diagnostic Stewardship Intervention Leading to Sustained Reduction in Inpatient CAUTI Rates
39	5:00	Dr. Brooklyn Leitch Pediatrics	Patient, Provider, and Interpreter Perspectives on Interpreter Modality and Barriers to Interpreter Use in a Pediatric Inpatient Setting
40	5:10	Dr. Kanchan Kumari Neurological Sciences	Benefits of Routine Inpatient EEG in Practice: Experience from a Level 4 University Hospital

Session 9 | Truhlsen Events Center 1001A & Corridors | Original Research**Moderator:** Dr. Ishfaq Bhat

#	TIME	NAME/DEPARTMENT	TITLE
41	4:30	Dr. Jeffrey Wallman & Dr. Cody Masters Family Medicine	Evaluation of Diabetic Eye Screening and Access at Two Outpatient Family Medicine Clinics in Omaha, Nebraska
42	4:40	Dr. Ahmad Alshomrani Pathology & Microbiology	Thoracic SMARCA4-Deficient Undifferentiated Tumors with Unusual Presentations
43	4:50	Dr. Beau Condie Clarkson Family Medicine	Association Between Patient Demographics and No-Show Rates at a Family Medicine Residency Clinic in Downtown Omaha
44	5:00	Dr. Pranav Renavikar Pathology & Microbiology	Extent of Primary Gleason Pattern 4 Carcinoma Predicts Adverse Outcome Independent of Secondary Pattern 3 or 5 in Prostatic Needle Core Biopsies
45	5:10	Dr. Joshua Warner Internal Medicine	Establishing the Problem: Identifying Barriers to Workflow Among Internal Medicine Resident Physicians at the VA Medical Center

GRADUATE MEDICAL EDUCATION RESEARCH SYMPOSIUM

Poster Presentations: Case Reports

Session 10 | Truhlsen Events Center 1001A & Corridors | Case Reports

Moderator: Dr. Andrew O. Wahl

#	TIME	NAME/DEPARTMENT	TITLE
46	4:30	Dr. Brian Benes Internal Medicine	Immunotherapy-Induced Glomerulonephritis: Whodunit?
47	4:40	Dr. Erica Lee Dermatology	Rosai-Dorfman Disease in the Setting of Post-Transplant Lymphoproliferative Disorder
48	4:50	Dr. Mehar Zahid Neurological Sciences	Sporadic Hypokalemic Periodic Paralysis Likely Induced by Kratom (<i>Mitragyna Speciosa</i>)
49	5:00	Dr. Brendan George Family Medicine	The Kneed for Stability: Posterior Knee Pain in a Recreational Soccer Player
50	5:10	Dr. Brendan Hurley Internal Medicine	An Unusual Cause of Diastolic Murmur
51	5:20	Dr. Alexandra Fiedler Internal Medicine	Gastroenteritis Leading to Multiorgan Failure in a Young Adult

Session 11 | Truhlsen Events Center 1001A & Corridors | Case Reports

Moderator: Dr. Shaun L. Thompson

#	TIME	NAME/DEPARTMENT	TITLE
52	4:30	Dr. Sandeep Puri Pediatrics	Fluid-Resistant Hyponatremia in Active Inflammatory Bowel Disease: A Case Report
53	4:40	Dr. Hayden Brodersen Anesthesiology	Pancytopenia: Horse, Zebra, or Something Else?
54	4:50	Dr. Emily Royer Psychiatry	A Case of Agitated Catatonia Improved by Electroconvulsive Therapy in a Patient with Schizophrenia
55	5:00	Dr. Audai Ma'ayah Internal Medicine	Unmasking the C ³ ulprit
56	5:10	Dr. Kevin Brittan Internal Medicine	A Case of Groove Pancreatitis Presenting with Intermittent Gastric Outlet Obstruction
57	5:20	Dr. Amreen Masthan Pediatrics	Invasive Gastrointestinal Mucormycosis in Inflammatory Bowel Disease

Session 12 | Truhlsen Events Center 1001A & Corridors | Case Reports

Moderator: Dr. Olga Taraschenko

#	TIME	NAME/DEPARTMENT	TITLE
58	4:30	Dr. Samir Atiya Pathology & Microbiology	A Rare Case of Pleomorphic Fibroma Associated with Li-Fraumeni Syndrome
59	4:40	Dr. Robert Borucki Dermatology	Cutaneous Findings as a Harbinger for a Disseminated Fungal Infection
60	4:50	Dr. Justin Schramm Clarkson Family Medicine	Worksheet-Based Patient-Directed Home Basal Insulin Titration: A Case Series
61	5:00	Dr. Daniel Zhou Neurological Sciences	Pediatric CLIPPERS? Think Again!
62	5:10	Dr. Blake Kooima Internal Medicine	Unexplained RV Lead Failure Manifesting as Atonic Seizures
63	5:20	Dr. Kathleen Borghoff Internal Medicine	Proceed With Caution: Drug Interaction Complicates Use of Nirmatrelvir/Ritonavir in Kidney Transplant Recipients With COVID-19

Session 13 | Truhlsen Events Center 1001A & Corridors | Case Reports

Moderator: Dr. Rana Zabad, Dr. Kenneth Zoucha

#	TIME	NAME/DEPARTMENT	TITLE
64	4:30	Dr. Jennifer Diamond Clarkson Family Medicine	Importance of Following Up on a PSA
65	4:40	Dr. Courtney Venegas Neurological Sciences	A Case of Severe Cervical Dystonia After Radiofrequency Ablation
66	4:50	Dr. Samir Atiya Pathology & Microbiology	Successful Use of Plasma Exchange Preceding RBC Exchange in Sickle Cell Disease Hyperhemolytic Crisis with Hepatic Sequestration: A Case Report
67	5:00	Dr. Joslynn Hoberg Pediatrics	Loosing My Appetite: A Case of West Nile Encephalitis
68	5:10	Dr. Saher Aslam Internal Medicine	Hidden in PIAIN Sight
69	5:20	Dr. Robert Borucki Dermatology	Tichodysplasia Spinulosa Related to Ruxolitinib: A Case Report

Session 14 | Truhlsen Events Center 1001A & Corridors | Case Reports

Moderator: Dr. Donna Moro-Sutherland

#	TIME	NAME/DEPARTMENT	TITLE
70	4:30	Dr. Kevin Kwan Dermatology	Isomorphic Inframammary Erosive Lichen Planus After Radiation Treatment Progressing to Squamous Cell Carcinoma
71	4:40	Dr. Leith Hobbs Neurological Sciences	Paroxysmal Hemiparesis Presenting as Cervicogenic Headache
72	4:50	Dr. Grant Starkey Internal Medicine	Myocardial Ischemia Without Evidence of Obstruction
73	5:00	Dr. Ethan Miller Family Medicine	Pediatric Acute Liver Failure During the Pandemic: A Tale of Two Viruses
74	5:10	Dr. Samir Atiya Pathology & Microbiology	Giant Cell Tumor of Soft Tissue in the Epidermis
75	5:20	Dr. Samir Atiya Pathology & Microbiology	Cutaneous involvement of IgG4 disease

Session 15 | Truhlsen Events Center 1001A & Corridors | Case Reports

Moderator: Dr. Kimberley Haynes-Henson

#	TIME	NAME/DEPARTMENT	TITLE
76	4:30	Dr. Sean McNitt Internal Medicine	Arresting Chest Pains: A Heart-Stopping Journey of VF and Vasospastic Angina
77	4:40	Dr. Kyle Scholten Internal Medicine	Successful Treatment of Primary Central Nervous System Post-Transplant Lymphoproliferative Disorder After Liver Transplant Using Methotrexate
78	4:50	Dr. Jacqueline Baude Family Medicine	A Small Bruise Led to a Large Discovery: Pelvic Mass Presented with Grey Turner's Sign
79	5:00	Dr. Krystian Solis Neurological Sciences	Posterior Spinal Cord Infarct: To Make the Diagnosis, Think of the Unthinkable!
80	5:10	Dr. Ritu Swali Dermatology	Laser-Assisted Delivery of Trichloroacetic Acid for Successful Treatment of Persistent Facial Hyperpigmentation
81	5:20	Dr. Leith Hobbs Neurological Sciences	Stellate Ganglion Blockade for Corticobasal Syndrome Pain

Session 16 | Truhlsen Events Center 1001A & Corridors | Case Reports**Moderator:** Dr. Claudia L. Moore, Dr. Michael D. Weaver

#	TIME	NAME/DEPARTMENT	TITLE
82	4:30	Dr. Rachel Sundman Family Medicine	Not Your Typical Lateral Ankle Sprain
83	4:40	Dr. Isha Snehal Neurological Sciences	Delayed Malignant Cerebellar Posterior Reversible Encephalopathy Syndrome secondary to (CLAG-M) and Venetoclox regimen
84	4:50	Dr. Jennifer Shaw Neurological Sciences	Intravenous Alteplase in CADASIL
85	5:00	Dr. AJ Lowe Internal Medicine	Hyperplasia Aphasia
86	5:10	Dr. Ellen Horstmann Emergency Medicine	Atrial Flutter due to Amiodarone-Induced Thyrotoxicosis Months after Discontinuation
87	5:20	Dr. Debra Wekesa Internal Medicine	Rabbit Allergy and Kidney Transplant: What's the connection?

Session 17 | Truhlsen Events Center 1001A & Corridors | Case Reports**Moderator:** Dr. Ruben E. Quiros-Tejeira

#	TIME	NAME/DEPARTMENT	TITLE
88	4:30	Dr. Michael Hall Family Medicine	When Your Teammate Kneeds You
89	4:40	Dr. Jonny Trinh Internal Medicine	A Case of Metastatic Adenoid Cystic (Basal Cell) Carcinoma of the Prostate: Systemic Therapy for a Rare Disease
90	4:50	Dr. Thomas Auen Pathology & Microbiology	Nasopharyngeal Carcinoma: Connecting Antemortem and Postmortem Findings to Highlight a Rare Case of EBV and HPV Negativity
91	5:00	Dr. Patricia Zick Family Medicine	Not your TIPICal Neck Pain: Case of Transient Perivascular Inflammation of the Carotid Artery (TIPIC) Syndrome
92	5:10	Dr. Dmitry Balian Neurological Sciences	Primary CNS T-Cell Lymphoma Presenting as a Brainstem Lesion in a Young Female
93	5:20	Dr. Ryan Wendt Family Medicine	Treatment of IT Band Tendinopathy and Gerdy's Tubercle Hypertrophy with Dextrose Prolotherapy

Session 18 | Truhlsen Events Center 1001A & Corridors | Case Reports**Moderator: Dr. Jennifer Adams**

#	TIME	NAME/DEPARTMENT	TITLE
94	4:30	Dr. Tyler Evans Dermatology	Cutaneous Myxofibrosarcoma of the Nasal Tip
95	4:40	Dr. Justin Taylor Family Medicine	An Incidentally Found Large Retroperitoneal Liposarcoma
96	4:50	Dr. Dillon Clarey Dermatology	Pediatric Pedal Plantar Papules
97	5:00	Dr. Eric Jonswold & Dr. Graeme Boyter Physical Medicine & Rehabilitation	Post-Thoracotomy Pain Syndrome Treated with Intercostal Nerve Pulsed Radiofrequency Ablation
98	5:10	Dr. Gregory Koval Surgery	Recurrent Polymicrobial Bloodstream Infections as Harbingers of a Duodenal-Inferior Vena Cava Fistula

Session 19 | Truhlsen Events Center 1001A & Corridors | Case Reports**Moderator: Dr. Christopher Deibert**

#	TIME	NAME/DEPARTMENT	TITLE
99	4:30	Dr. Elizabeth Maginot Surgery	Up to the Chest in Bowels: A Case of Strangulated Right-Sided Diaphragmatic Hernia with Concomitant Type IV Paraesophageal Hernia in a Non-trauma Patient
100	4:40	Dr. Blake Neece Surgery	Extensive Tophaceous Pseudogout of the Temporomandibular Joint, Reconstructed with Custom Alloplastic Temporomandibular Joint and Mandibular Sagittal Split Osteotomy
101	4:50	Dr. Elizabeth Maginot Surgery	Is It Really Appendicitis? Spigelian Hernia with Incarcerated Ovary Presenting as Acute-onset Right Lower Quadrant Pain
102	5:00	Dr. Jason Lizalek Surgery	Not Just Testicles and Ovaries: A Case Report of Gallbladder Torsion
103	5:10	Dr. Ali Hakim Surgery	Unusual Mode of Endovascular Femoral Sheath Failure and Disruption Requiring Open Operative Retrieval

Session 20 | Truhlsen Events Center 1001A & Corridors | Case Reports

Moderator: Dr. Melissa Acquazzino

#	TIME	NAME/DEPARTMENT	TITLE
104	4:30	Dr. Dillon Carey Dermatology	A Rare Case of Squamous Cell Carcinoma with Clinical and Histopathologic Features of Granuloma Annulare
105	4:40	Dr. Allison Lloyd-McLennan Dermatology	Eruptive lichenoid actinic keratosis: A potential side effect of IVIG
106	4:50	Dr. Alex Beck Clarkson Family Medicine	Cutaneous Bronchogenic Cyst overlying the Sternum
107	5:00	Dr. Joohe Han Clarkson Family Medicine	Allergic Contact Dermatitis to Parabens in Topical Corticosteroids (including “hypoallergenic” triamcinolone ointment!!): Definite Relevance to a “Non-Allergen”
108	5:10	Dr. Kevin Cokingtin Radiology	Coil and Gel Foam Embolization of a Replaced Common Hepatic Artery Pseudoaneurysm: A Rare Anatomic Variant

Horizontal lines for writing, arranged in a vertical column.



A special thank you to our moderators and coordinators who made this event possible!

Dr. Melissa Acquazzino
Dr. Jennifer Adams
Dr. Ishfaq Bhat
Dr. Chad E Branecki
Dr. Christopher Deibert
Dr. Kimberley Haynes-Henson
Dr. Kathryn Hutchins
Dr. Aaron D. Lanik
Dr. Shannon Lynch
Dr. Marco A. Olivera-Martinez
Dr. Claudia L. Moore
Dr. Craig A. Piquette

Dr. Ruben E. Quiros-Tejeira
Dr. Donna Moro-Sutherland
Dr. Tiffany Tanner
Dr. Olga Taraschenko
Dr. Jonathan R. Thompson
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Dr. Andrew O. Wahl
Dr. Michael D. Weaver
Dr. Rana Zabad
Dr. Ronald Zolty
Dr. Kenneth Zoucha

Dr Nathan A. Foje
Jeanne Badura
Ekaterina V. Etherton
Amy J. Freking
Amy Guziec

Arianne Marcoux
Rachel Nelsen
Anna Nordhagen
Candace Peteler
Erin Snow