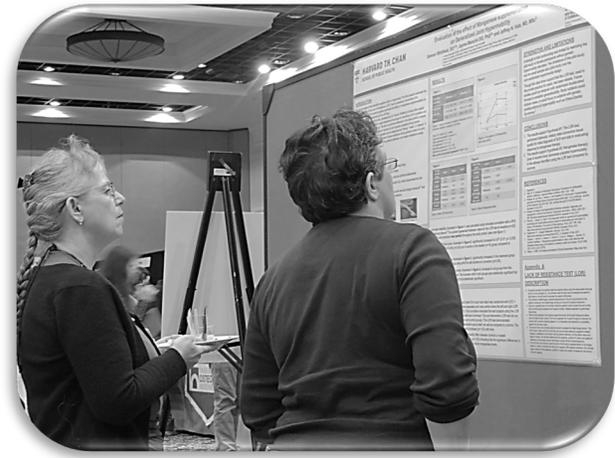
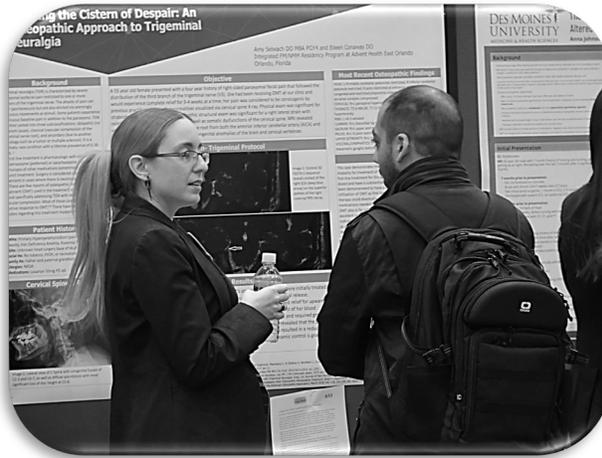


# LBORC-NUFA POSTER PRESENTATION AWARDS

Each year the Louisa Burns Osteopathic Research Committee (LBORC) and the National Undergraduate Fellows Association (NUFA) hold a research poster presentation session during the AAO's annual Convocation. The LBORC-NUFA Research Poster Presentation is open to osteopathic medical students, interns, residents, researchers, and practicing physicians.



**Examples of LBORC Poster Presentations  
at the 2022 AAO Convocation**

<i>Category Title: STUDENT – ORIGINAL RESEARCH</i>			
	<b>Title</b>	<b>Authors</b>	<b>School or Institution</b>
<b>First Place</b>	Investigating the mechanism of dextrose prolotherapy in vitro: fibroblast proliferation and production of growth factors	Bethany Harting, OMS-III; Sarah Fox, OMS-III; Thomas Motyka, DO; Adam D. Foster, PhD; Amy N. Hinkelman, PhD	Campbell University Jerry M. Wallace School of Osteopathic Medicine
<b>Second Place</b>	Effect of Objective Training Programs on Symmetry and Accuracy of Passive Motion Force Application	Justin Hajicek, OMS-III; Madelyn Huhn; Zane Starks, MS; Ying-Fang Wang, PhD; Brian Degenhardt, DO	AT Still University Kirksville College of Osteopathic Medicine
<b>Third Place</b>	Osteopathic Manipulative Treatment Reduces Pain and Improves Range of Motion in Patients with Chronic Neck Pain	Emily Daly, OMS-IV; Janey Prodoehl, PT, PhD, CCTT; Charlotte Bolch, PhD; Kurt P. Heinking, DO, FAAO; Kyle K. Henderson, PhD	Midwestern University Chicago College of Osteopathic Medicine

<i>Category Title: EDUCATION &amp; PUBLIC HEALTH</i>			
	<b>Title</b>	<b>Authors</b>	<b>School or Institution</b>
<b>First Place</b>	Superficial Approach to the Sphenopalatine (Pterygopalatine) Ganglion	Laura Rudberg-Post, OMS-IV; Donald Matz, PhD; Olivia Matz, OMS-IV, MSA; Hannah C. Gustafson, OMS-IV, MSA, MSBS; Ariel Gubatina; Edward Christopherson	Des Moines University College of Osteopathic Medicine
<b>Second Place</b>	Somatic Dysfunction in Positional Plagiocephaly, Brachycephaly, and Congenital Muscular Torticollis, Assessment and Treatment in Osteopathic Research: A Scoping Review	Richard Jimenez, MS, OMS-I; Grace Cao, OMS-I; Carson Bomstad, MS, OMS-I; Kailee Myxter, OMS-I; Antonella Lozano, OMS-I; Ashley Rosander, OMS-II; Avani Vaghela, OMS-II; My-Trang (Lisa) Tran, MS, OMS-II; Lynne Stephenson, MSED; Vickie Roettger, PhD, MS; Dean K. Gubler, DO, MPH, FACS, FCCM; Benjamin Brooks, PhD, MBA; Angela L. Branda, DO	Rocky Vista University- Colorado and Southern Utah Campu
<b>Third Place</b>	An Osteopathic Approach to Dysmenorrhea	Heather Paul (Sprengel), OMS II; Paige Bonner, OMS II; Rohit Mehra, DO, MPH, MS	Nova Southeastern University- Dr. Kiran C. Patel College of Osteopathic Medicine

<i>Category Title: STUDENT – CASE STUDY</i>			
	<b>Title</b>	<b>Authors</b>	<b>School or Institution</b>
<b>First Place</b>	Effects of Osteopathic Manipulative Treatment (OMT) on Functional Impairment in Limb Girdle Muscular Dystrophy Patient: A Case Report	Kaitlin Unser, OMS-III; Sheldon C. Yao, DO, FAAO	New York Institute of Technology College of Osteopathic Medicine
<b>Second Place</b>	An Osteopathic Approach to Shoulder Injury Following Post-Hemorrhage Hemiparesis	Elizabeth M. Geyer-Roberts, OMS-III; Philip J. Helderlein Jr., OMS-III; Jill Wallace-Ross, DO, MS	Nova Southeastern University Dr. Kiran C. Patel College of Osteopathic Medicine
<b>Third Place</b>	The Effects of Osteopathic Manipulative Treatment (OMT) on Rare Diseases- Gordon Syndrome	The Effects of Osteopathic Manipulative Treatment (OMT) on Rare Diseases- Gordon Syndrome	Nova Southeastern University Dr. Kiran C. Patel College of Osteopathic Medicine

<i>Category Title: RESIDENT – CASE STUDY</i>			
	<b>Title</b>	<b>Authors</b>	<b>School or Institution</b>
<b>First Place</b>	Symptomatic Mitigation of a Rare Case of Chronic Active Epstein-Barr Virus (CAEBV) Disease Using Lymphatic Osteopathic Manipulative Treatment	Yang (Jenny) Song, DO and Michael D. Waddington, DO	Eastern Connecticut Health Network
<b>Second Place</b>	Intersegmental sacral dysfunction as primary etiology of low back	Lara Householder, DO MS; John Diefenderfer, DO; Anna Veach, DO	Maine-Dartmouth Osteopathic

	pain in a college athlete: A case study		Neuromuscular Medicine Residency
<b>Third Place</b>	Happy Feet are Dancing Feet, Response to OMT in a Patient with Morphea Profunda: A Case Report	Aziza Tamara Bomani-Bailey, DO, PGY3; Hugh M. Ettlenger, DO, FAAO, FCA	St Barnabas Hospital Health System, ONMM residency

<i>Category Title: RESIDENT – ORIGINAL RESEARCH</i>			
	<b>Title</b>	<b>Authors</b>	<b>School or Institution</b>
<b>First Place</b>	“That’s The Way We Have Always Done It”: Resetting the Hips	Nicole Fremarek, DO, MBA, PGY4; Elizabeth Hammond OMS-III; Shaunak Digambar OMS-I; A. Hope Tobey, DO, FAAP, FACOP; David Harden, DO, FAAFP; David Redden, PhD; Nicholas Sullivan, DO, MA; Gautam Desai, DO, FACOFP dist.; Kevin Treffer, DO, FACOFP; Albert Kozar, DO, FAOASM, R-MSK	Edward Via College of Osteopathic Medicine (VCOM - VA)
<b>Second Place</b>	Ultrasound Assessment of OMT on Diaphragm Motion	Nicholas Snow, DO, PGY4; Christian DeDi, OMS-III; Stephanie Rathjen, OMS-III; David Redden, PhD; Albert J Kozar, DO, FAOASM, R-MSK; Luke Robinson, DO, DABMA	VCOM Sports and Osteopathic Medicine, Blacksburg, VA
<b>Third Place</b>	Quantifying Osteopathic Palpatory Motion	Kristopher Schock, DO; Christopher Ciccone, OMS3; Michael Mitkos, OMS3; David T. Redden, PhD; Hollis H. King, DO, PhD, FAAO, FCA; Albert Kozar, DO, FAOASM, R-MSK	Edward Via College of Osteopathic Medicine (VCOM)

<i>Category Title: RESIDENT – EDUCATION &amp; PUBLIC HEALTH</i>			
	<b>Title</b>	<b>Authors</b>	<b>School or Institution</b>
<b>First Place</b>	Incorporation of an osteopathic-focused lecture series into an already established pediatric residency curriculum	Matthew B. Wysong, DO, PGY3; Duane R. Copenheaver, DO; Lydia Powers, DO, PGY3; Ryan Flaherty, DO, PGY4; Rebecca G. Wallihan, MD	Nationwide Children's Hospital
<b>Second Place</b>	Approaching the barrier: Improved pediatric resident knowledge and confidence in osteopathic manipulative medicine after a resident-led educational intervention	Samantha (Sammie) K. Tyler, DO, PGY3; Ryan McMunn, DO; Emily Ruedinger, MD, MEd	University of Wisconsin/UW Health
<b>Third Place</b>	Superficial Approach to the Sphenopalatine (Pterygopalatine) Ganglion	Laura Rudberg-Post, OMS-IV; Donald Matz, PhD; Olivia Matz, OMS-IV, MSA; Hannah C. Gustafson, OMS-IV, MSA, MSBS; Ariel Gubatina; Edward Christopherson	Des Moines University College of Osteopathic Medicine