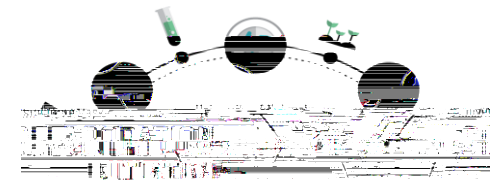




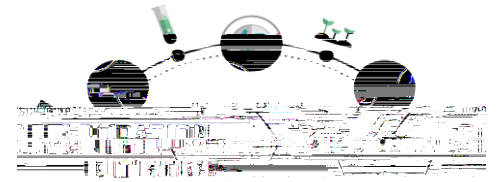
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Age-Related Differences in Cytokine and MicroRNA Expression Following Acute Exercise	Julie Blaskewicz Boron Matthew Heesch Jana Ponce Joseph Siu	PI	UNO UNO UNMC UNMC
At-Home Stroke Rehabilitation Using Low-Cost Asymmetric Exosuits	Philippe Malcolm Marco Gonzalez Castellon Mukul Mukherjee	PI	UNO UNMC UNO
Autonomous Repair and Maintenance of Spacecraft (ARMS)	Ada-Rhodes Short Carl Nelson	PI	UNO UNL
Biopsychosocial Risk Factors in the Perinatal Period: Basic and Clinical Research Implications	Ashley Blount Gurudutt Pendyala	PI	UNO UNMC
Comparison of 3D Kinematic Outcomes Between Marker-Less and Marker-Based Systems During Overground Walking in Children with Cerebral Palsy	David Kingston Brian Knarr Hope Voto	PI	UNO UNO UNMC
Considering the Effects of Variation in Configurations of Trust	Lisa Pytlik Zillig Andrew Little Guoqing Lu Dustin Ranglack Elizabeth VanWormer	PI	UNL UNL UNO UNK UNL
Destruction of Chemical Warfare Agent Simulants Using Falling Film Plasma Reactors	Barry Cheung Daniel Van Buren Wai-Ning Mei	PI	UNL UNCA UNO
Development of a Multi-Pocket Hydrogel Platform for Carbon Nanotube Sensors	Nicole Iverson Bin Duan	PI	UNL UNMC



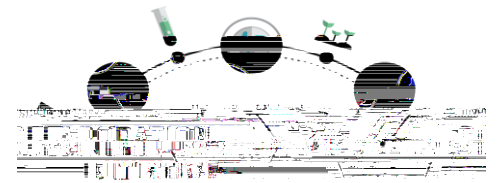
July 1, 2022



Development of Targeted Antiviral Drugs Against SARS-CoV-2 Variants	Siddappa Byrareddy	PI	UNMC
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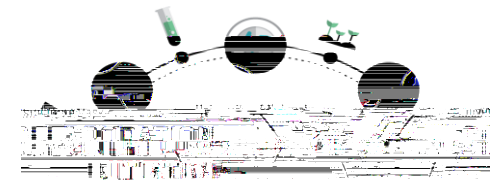


Exploring the Antimicrobial Potential of Novel Neutrophil-Enhancing Compounds	Paul H Davis	PI	UNO
	Jonathan Vennerstrom		UNMC
	Yuris Dzenis	PI	UNL
	Tamra Jackson-Ziems		UNL
	Jayne Jonas-Bratten		UNK
	Justin McMechan		UNL
	Christopher Proctor		UNL
	Neal Woollen		UNCA
	Bai Cui	PI	UNL
	Wai-Ning Mei		UNO
	Liangcheng Du	PI	UNL
	Patrick Dussault		UNL
	Martin Conda Sheridan		UNMC
Hearing Loss, Mobility, and Fall Risk in Aging Agricultural Workers	Joseph Siu	PI	UNMC
	Jan Moore		UNK
	Jong-Hoon Youn		UNO
Identification of Pathology Based on Human Walking	Spyridon Mastorakis	PI	UNO
	Iason Konstantzos		UNL
	Aaron Likens		UNO
	Iraklis Pipinos		UNMC
	Nikolaos Stergiou		UNO
Identifying Synergistic Activities between Bactericidal Compounds and Biofilm Dispersal	Kurt Piepenbrink	PI	UNL
	Liangcheng Du		UNL
	Martin Conda Sheridan		UNMC





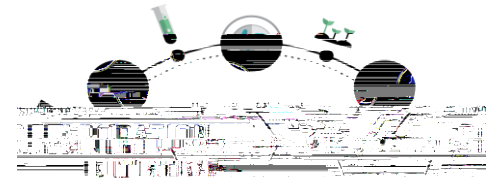
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Introduction of Humanities and Arts in Physician Assistant Education (IHAPAE)	Pam Dickey Sam Ammons Timi Barone Melissa Berke Beth Culross Adrian Duran Daniel Hawkins Shaun Horak Steve Langan Joseph McCaffrey Amy Morris	PI	UNMC UNO UNO UNO UNMC UNO UNO UNMC UNO UNO UNO
Model-Guided Control of Nanofiber Orientation in Nanomanufacturing of Next Generation Air Filters	Yury Salkovskiy Kevin Crown Yuris Dzenis	PI	UNO UNCA UNL
Molecular Characterization of Peripheral Arterial Disease	Majid Jadidi Rebekah Gundry	PI	UNO UNMC
Music Experiences and Autobiographical Memory Organization	Vaishali Phatak Mary Perkinson	PI	UNMC UNO
Mycobacterium Avium's Iron Uptake Through Heme Metabolism and Its Inhibition	Praba Narayanasamy Raul Barletta Bradley Britigan	PI	UNMC UNL UNMC

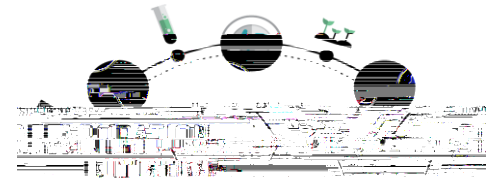


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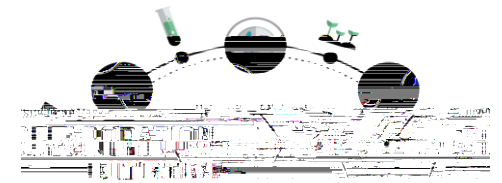


Corri Hanson	PI	UNMC
Laura Bilek		UNMC
Teresa Cochran		UNMC
Christopher D'Angelo		





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Tactile-Augmented Walking in Stroke Survivors: Biomechanics and Brain Control	Mukul Mukherjee Steven Barlow Pierre Fayad Carl Nelson Yingying Wang Cheng Zheng	PI	UNO UNL UNMC UNL UNL UNMC
Targeting Amino Acid Metabolism in the Treatment of Pancreatic Cancer	Saraswathi Viswanathan Robert Powers Satya Rachagani	PI	UNMC UNL UNMC
Toward Noninvasive Posterior Vitreoretinal Eye Surgery Using Femtosecond Lasers	Matthias Fuchs Ronald Krueger	PI	UNL UNMC
Understanding Competency-Based Education Delivery Models for Early Childhood Teachers through Large-Scale Research	Dawn Mollenkopf Kelley Buchheister Tonya Jolley Anne Karabon Marisa Macy Lisa Roy Guy Trainin	PI	UNK UNL UNCA UNO UNK UNCA UNL