

## 2024 VCOM Research Retreat Agenda

**Friday, November 1<sup>st</sup>**

**Lane Stadium, University Club, South Endzone Club West**

5:30 – 7:30 pm	Tailgate Kick-off	
6:00 pm	Welcome to VCOM-Virginia	Ron Januchowski, DO, Dean for Virginia Campus

**Saturday, November 2<sup>nd</sup>**

**VCOM Campus Main Building & VCOM II**

7:00 – 8:30 am Main Building Lobby	Breakfast/Welcome	
8:15 – 8:45 am Lecture Hall 1	State of Biomedical Research Processes at VCOM <i>0.5 CME* Hour</i>	P. Gunnar Brolinson, DO, Vice President for Research
8:45 – 9:45 am Lecture Hall 1	Saturday Keynote: Functional Precision Oncology as a Clinical Innovation Example: Problem, Solution, Challenges, and Reward <i>1.0 CME* Hour</i>	Matthew Gevaert, PhD, Chief Innovation Officer
9:45 – 10:00 am	Break	
10:00 – 11:00 am Lecture Hall 2	VCOM MEDx <i>No CME</i>	Jonathan Millard, PhD K. Adam Morrow, PhD Darren Beck, PhD Hassan Ebrahim, PhD
11:00 – 11:45 am Lecture Hall 1	How a Mobile App is Expanding the Scope and Reach of Mental Health Education in Medicine <i>0.75 CME* Hour</i>	Natalie Fadel, PsyD Ed Magalhaes, PhD, LPC Alexis Stoner, PhD, MPH Lindsey Ridgeway, PhD
11:45 am – 12:00 pm	Break; walk to VCOM II	
12:00 – 1:00 pm VCOM II Multipurpose Room, Sections 2-4	Lunch	
12:00 – 1:00 pm VCOM II Multipurpose Room, Section 1	Atrial Fibrillation / Venous Thromboembolism Situation Room (concurrent with lunch) Case-based, Small Group Discussion <i>No CME</i>	<u>Facilitator</u> Aulbrey Drisaldi, PharmD, BCPS, Pfizer Field Medical Director Cardiology/Metabolism
1:00 – 1:15 pm	Break; walk to Main Building	

## 2024 VCOM Research Retreat Agenda

**Saturday, November 2<sup>nd</sup>**

**VCOM Campus Main Building & VCOM II**

1:15 – 2:45 pm	<u>Workshops</u>	<u>Facilitators</u>
Conference Room 134	Genome-wide analysis of DNA-protein Interactions using ExoChew <i>No CME</i>	Bidyut Mohanty, PhD; Ramu Anandakrishnan, PhD; Daniel Ross, BS
Lecture Hall 1	The Flourish Factor – Catalyzing the VCOM Mission <i>No CME</i>	Bill Pearson, PhD; Jeff Fritz, PhD
Conference Room 135	Peripheral and Central Dynamics of Pain: From Pathogenesis to Novel Therapies <i>No CME</i>	Kelly Roballo, DVM, PhD; Blaise Costa, PhD
Lecture Hall 2	Integration of Radiomics and Musculoskeletal Sonography <i>1.0 CME* Hour</i>	Al Kozar, DO; Vincent Wang, PhD; Georgina Flynn-Smith, PhD candidate
VCOM II Room 1320	React Innovations - Bio-Electric Magnetic Therapy <i>No CME</i>	Ken Paulus, CEO, React Innovations; Darren Beck, PhD
2:45 – 3:00 pm	Break; walk to VCOM II	
3:00 – 4:00 pm VCOM II Lobby	Poster Session & facility tours: High-Speed Crash Sled Lab, Blast Lab	
4:00 – 5:00 pm	<u>Department Breakout Sessions</u> ( <i>No CME</i> )	<u>Moderators</u>
VCOM II Multipurpose Rooms	Cell Biology and Physiology Pharmacology Preventive Medicine	Melissa Lipsmeyer, PhD Blaise Costa, PhD Mayra Rodriguez, PhD
VCOM II Main Lobby (Biostats Consults)	Anatomy OMM Biostats Consultation	Jonathan Millard, PhD Bethany Powers, DO Ramu Anandakrishnan, PhD; Lin Kang, PhD; David Redden, PhD
4:30 – 5:00 pm VCOM II Room 1320	Overview of Hughston Clinic Laboratory and Research Capabilities <i>No CME</i>	Kyle Cichos, PhD, Vice Chair of Research, Hughston Clinic Orthopaedics
5:30 – 7:00 pm Kelly Hall, Virginia Tech Campus	Helmet Lab Happy Hour (with tour and demonstrations)	

## 2024 VCOM Research Retreat Agenda

***Sunday, November 3rd***

***VCOM Campus Main Building***

7:00 – 8:15 am Main Building, Lobby	Breakfast <i>Please remember daylight savings time ends Sunday at 2 am!</i>	
8:00 – 9:00 am Lecture Hall 1	Sunday Keynote: NCCIH High Program Priority Initiatives for Basic and Mechanistic Studies of Complementary and Integrative Health Approaches <i>No CME</i>	Alex Tuttle, PhD, Program Director, Basic and Mechanistic Research Branch, NCCIH, NIH
9:00 – 9:45 am Lecture Hall 1	Cancer and Precision Medicine <i>0.75 CME* Hour</i>	Pawel Michalak, PhD Zack Elmageed, PhD Ramu Anandakrishnan, PhD
9:45 – 10:00 am	Break	
10:00 – 11:00 am Lecture Hall 1	All-of-Us Database: A resource for student research projects <i>1.0 CME* Hour</i>	Pranav Varrey, OMS II Ramu Anandakrishnan, PhD P. Gunnar Brolinson, DO
11:15 am – 12:15 pm Lecture Hall 2	VCOM MEDx <i>No CME</i>	Amy Hicks, PhD Lin Kang, PhD Hope Tobey, DO
12:15 pm Lecture Hall 2	Closing remarks	P. Gunnar Brolinson, DO