

**DEPARTMENT OF EMERGENCY MEDICINE  
UNIVERSITY OF COLORADO SCHOOL OF MEDICINE  
FACULTY RESEARCH INTERESTS**

**UNIVERSITY OF COLORADO—ANSCHUTZ MEDICAL CAMPUS**

Research Director: Adit Ginde, MD, MPH ([Adit.Ginde@cuanschutz.edu](mailto:Adit.Ginde@cuanschutz.edu))

Research Assistant Coordinator: Lani Finck ([Lani.Finck@cuanschutz.edu](mailto:Lani.Finck@cuanschutz.edu))

\* Faculty member likely to have active research projects

+ Project with active grant funding

Faculty Member	Research Interests
<b>Vik Bebart, MD*</b> <a href="mailto:Vikhyat.Bebarta@cuanschutz.edu">Vikhyat.Bebarta@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Chemical weapon antidotes<sup>+</sup></li> <li>▪ Combat casualty care<sup>+</sup></li> <li>▪ Opioids/pain<sup>+</sup></li> <li>▪ <a href="#">CU Anschutz Center for Combat Medicine and Battlefield (COMBAT) Research</a></li> <li>▪ <a href="#">Translational Research, Innovation, &amp; Antidote Development (TRIAD)</a></li> </ul>
<b>Marian (Emmy) Betz, MD, MPH*</b> <a href="mailto:Marian.Betz@cuanschutz.edu">Marian.Betz@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Injury prevention and epidemiology               <ul style="list-style-type: none"> <li>▪ Older drivers<sup>+</sup></li> <li>▪ Suicide prevention<sup>+</sup></li> <li>▪ Firearms<sup>+</sup></li> </ul> </li> <li>▪ <a href="#">Firearm Injury Prevention Initiative</a></li> <li>▪ <a href="#">Patient-Centered Injury Prevention</a></li> </ul>
<b>Barbara Blok, MD</b> <a href="mailto:Barbara.Blok@cuanschutz.edu">Barbara.Blok@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Wilderness medicine</li> </ul>
<b>Kelly Bookman, MD*</b> <a href="mailto:Kelly.Bookman@cuanschutz.edu">Kelly.Bookman@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Electronic health record/clinical informatics</li> <li>▪ Ethics and professionalism</li> <li>▪ Operations/Administration</li> </ul>
<b>Vaughn Browne, MD, PhD</b> <a href="mailto:Vaughn.Browne@cuanschutz.edu">Vaughn.Browne@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ High altitude physiology</li> <li>▪ Ultrasound</li> </ul>
<b>Emilie Calvello Hynes, MD, MPH</b> <a href="mailto:Emilie.CalvelloHynes@cuanschutz.edu">Emilie.CalvelloHynes@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Global health</li> <li>▪ Lead for Global Emergency Care Initiative</li> <li>▪ Emergency care system development for LMICs</li> <li>▪ EM operations solutions for low resource settings</li> </ul>
<b>Roberta Capp, MD, MS*</b> <a href="mailto:Roberta.Capp@cuanschutz.edu">Roberta.Capp@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ EM health policy</li> <li>▪ Frequent ED utilizers and healthcare navigators<sup>+</sup></li> </ul>
<b>Dickson Cheung, MD, MBA, MPH</b> <a href="mailto:Dickson.Cheung@cuanschutz.edu">Dickson.Cheung@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Digital Health Innovation/Telemedicine</li> <li>▪ Quality and safety</li> <li>▪ ED Operations</li> <li>▪ Global Health</li> </ul>



<p><b>Richard “Todd” Clark, MD</b> <a href="mailto:Richard.Clark@cuanschutz.edu">Richard.Clark@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Quality Improvement</li> <li>▪ ED Operations</li> </ul>
<p><b>Tracy Cushing, MD, MPH</b> <a href="mailto:Tracy.Cushing@cuanschutz.edu">Tracy.Cushing@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Wilderness medicine</li> </ul>
<p><b>Chris Davis, MD*</b> <a href="mailto:Chris.Davis@cuanschutz.edu">Chris.Davis@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ High altitude medicine/hypoxia</li> <li>▪ Adenosine pathways in acclimatization</li> <li>▪ Wilderness medicine</li> <li>▪ Telemedicine/virtual health</li> </ul>
<p><b>Julia Dixon, MD, MPH*</b> <a href="mailto:Julia.Dixon@cuanschutz.edu">Julia.Dixon@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Global health</li> <li>▪ Education Director for Global Emergency Care Initiative</li> <li>▪ Emergency care system development for LMICs</li> </ul>
<p><b>Jeffrey Druck, MD*</b> <a href="mailto:Jeffrey.Druck@cuanschutz.edu">Jeffrey.Druck@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Medical education</li> <li>▪ Asthma</li> <li>▪ Patient assessment of emergency care</li> <li>▪ Diversity projects</li> </ul>
<p><b>Benjamin Easter, MD, MBA</b> <a href="mailto:Benjamin.Easter@cuanschutz.edu">Benjamin.Easter@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Space Medicine</li> <li>▪ Isolated, Confined, and Extreme Environments</li> <li>▪ Engineering and Medicine</li> </ul>
<p><b>Alex Ebinger, MD</b> <a href="mailto:Alexander.Ebinger@cuanschutz.edu">Alexander.Ebinger@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Sports medicine</li> <li>▪ Musculoskeletal ultrasound</li> <li>▪ Medical education</li> </ul>
<p><b>Col. Kathleen Flarity, NP</b> <a href="mailto:Kathleen.Flarity@cuanschutz.edu">Kathleen.Flarity@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Critical Care</li> <li>▪ Military medicine</li> </ul>
<p><b>Loren “Keith” French, MD</b> <a href="mailto:Loren.French@cuanschutz.edu">Loren.French@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Medical Toxicology</li> </ul>
<p><b>Adit Ginde, MD, MPH*</b> <a href="mailto:Adit.Ginde@cuanschutz.edu">Adit.Ginde@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Critical care/sepsis/ARDS<sup>+</sup></li> <li>▪ EM health policy/access to care<sup>+</sup></li> <li>▪ Vitamin D/infection<sup>+</sup></li> <li>▪ Clinical trials<sup>+</sup></li> </ul>
<p><b>Foster Goss, DO, MMSc*</b> <a href="mailto:Foster.Goss@cuanschutz.edu">Foster.Goss@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Informatics and artificial intelligence<sup>+</sup></li> <li>▪ Electronic health records</li> <li>▪ Patient safety</li> <li>▪ Medical apps</li> <li>▪ <a href="#">Clinical Informatics Lab</a></li> </ul>
<p><b>Todd Guth, MD</b> <a href="mailto:Todd.Guth@cuanschutz.edu">Todd.Guth@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Medical education</li> <li>▪ Team communication in emergency medicine</li> <li>▪ Assessment of clinical skills (physical exam, communication)</li> <li>▪ Clinical reasoning</li> </ul>
<p><b>Ben Hatten, MD, MPH*</b> <a href="mailto:Benjamin.Hatten@cuanschutz.edu">Benjamin.Hatten@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Multicenter toxicology<sup>+</sup></li> <li>▪ Epidemiology of drug related death</li> <li>▪ Clinical polices/guideline development</li> <li>▪ Marijuana and drug abuse</li> </ul>



<p><b>Kennon Heard, MD, PhD*</b> <a href="mailto:Kennon.Heard@cuanschutz.edu">Kennon.Heard@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Prescription opioid abuse<sup>+</sup></li> <li>▪ Cardiovascular poisoning</li> <li>▪ Geriatric EM</li> <li>▪ Drugs of abuse</li> <li>▪ Acetaminophen poisoning</li> </ul>
<p><b>Jason Hoppe, DO*</b> <a href="mailto:Jason.Hoppe@cuanschutz.edu">Jason.Hoppe@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Prescription opioid abuse/diversion<sup>+</sup></li> <li>▪ Prescription drug monitoring program<sup>+</sup></li> <li>▪ Toxicology</li> <li>▪ <a href="#">Opioid Research Program</a></li> </ul>
<p><b>Chris Hoyte, MD*</b> <a href="mailto:Chris.Hoyte@cuanschutz.edu">Chris.Hoyte@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Sudden cardiac death</li> <li>▪ Toxicity of performance-enhancing drugs</li> <li>▪ Drug interactions/toxicology</li> </ul>
<p><b>Bonnie Kaplan, MD</b> <a href="mailto:Bonnie.Kaplan@cuanschutz.edu">Bonnie.Kaplan@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Medical education</li> <li>▪ Gender difference in education</li> <li>▪ Medical student mentoring</li> <li>▪ Remediation</li> <li>▪ Innovative Curriculum Design</li> </ul>
<p><b>Jay Lemery, MD*</b> <a href="mailto:John.Lemery@cuanschutz.edu">John.Lemery@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Wilderness medicine</li> <li>▪ Climate change and human health<sup>+</sup></li> <li>▪ Health and human rights</li> </ul>
<p><b>Anne Libby, PhD*</b> <a href="mailto:Anne.Libby@cuanschutz.edu">Anne.Libby@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Patient valuation of health care<sup>+</sup></li> <li>▪ Gender differences in leadership/team communication</li> <li>▪ Professional development, leadership and mentoring</li> </ul>
<p><b>Daniel Lindberg, MD*</b> <a href="mailto:Daniel.Lindberg@cuanschutz.edu">Daniel.Lindberg@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Early detection and secondary prevention of child physical abuse<sup>+</sup></li> <li>▪ Multicenter observational networks</li> <li>▪ Fast MRI</li> <li>▪ <a href="#">Family Violence Recognition Lab</a></li> </ul>
<p><b>Charlie Little, DO</b> <a href="mailto:Charles.Little@cuanschutz.edu">Charles.Little@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Disaster and pandemic flu preparedness and response</li> <li>▪ Global public health and disasters</li> <li>▪ Cardiac arrest</li> </ul>
<p><b>Steven Lowenstein, MD, MPH</b> <a href="mailto:Steven.Lowenstein@cuanschutz.edu">Steven.Lowenstein@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Injury epidemiology and public health</li> <li>▪ Survey research</li> <li>▪ Medical education</li> </ul>
<p><b>Katherine Mayer, MD</b> <a href="mailto:Katherine.Mayer@cuanschutz.edu">Katherine.Mayer@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Critical Care</li> <li>▪ Post-cardiac arrest care</li> <li>▪ Palliative care</li> </ul>
<p><b>Christopher McStay, MD</b> <a href="mailto:Christopher.McStay@cuanschutz.edu">Christopher.McStay@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Clinical operations</li> <li>▪ Wilderness medicine</li> <li>▪ Disaster preparedness</li> <li>▪ Patient safety and quality</li> </ul>
<p><b>Sarah Michael, DO, MS</b> <a href="mailto:Sarah.Michael@cuanschutz.edu">Sarah.Michael@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Use of technology in medical education</li> <li>▪ Curriculum development</li> <li>▪ Evaluation and assessment</li> </ul>



<p><b>Sean Michael, MD, MBA</b> <a href="mailto:Sean.Michael@cuanschutz.edu">Sean.Michael@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ ED operations</li> <li>▪ Quality and patient safety</li> <li>▪ Analytics, informatics, and provider behavior change (especially around opioid prescribing)</li> </ul>
<p><b>Andrew Monte, MD*</b> <a href="mailto:Andrew.Monte@cuanschutz.edu">Andrew.Monte@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Personalized medicine/pharmacogenomics/metabolomics<sup>+</sup></li> <li>▪ Marijuana<sup>+</sup></li> <li>▪ Novel/synthetic drugs of abuse<sup>+</sup></li> <li>▪ Drug interactions<sup>+</sup></li> <li>▪ <a href="#">Personalized Medicine and Substance Abuse Research Program</a></li> </ul>
<p><b>Martin Musi, MD</b> <a href="mailto:Martin.Musi@cuanschutz.edu">Martin.Musi@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Wilderness medicine</li> <li>▪ Medical education</li> </ul>
<p><b>Nee-Kofi Mould-Millman, MD*</b> <a href="mailto:Nee-Kofi.Mould-Millman@cuanschutz.edu">Nee-Kofi.Mould-Millman@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Global health<sup>+</sup></li> <li>▪ Pre-hospital care/EMS<sup>+</sup></li> <li>▪ Trauma/shock</li> <li>▪ <a href="#">C3 Global Trauma Network: Cape-Colorado-Combat</a></li> </ul>
<p><b>Kristen Nordenholz, MD, MSc*</b> <a href="mailto:Kristen.Nordenholz@cuanschutz.edu">Kristen.Nordenholz@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Venous thromboembolism</li> <li>▪ Anti-coagulation</li> <li>▪ Clinical algorithms</li> <li>▪ Provider wellness</li> </ul>
<p><b>Michael Overbeck, MD</b> <a href="mailto:Michael.Overbeck@cuanschutz.edu">Michael.Overbeck@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Asynchronous medical education</li> <li>▪ Emergency cardiology</li> </ul>
<p><b>Sarah Perman, MD, MS*</b> <a href="mailto:Sarah.Perman@cuanschutz.edu">Sarah.Perman@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Therapeutic hypothermia</li> <li>▪ Cardiac arrest &amp; post-resuscitation<sup>+</sup></li> <li>▪ Critical care</li> <li>▪ <a href="#">Cardiac Arrest &amp; Resuscitation Research</a></li> </ul>
<p><b>Elaine Reno, MD</b> <a href="mailto:Elaine.Reno@cuanschutz.edu">Elaine.Reno@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Acute mountain sickness</li> <li>▪ Medical education</li> <li>▪ Wilderness education</li> </ul>
<p><b>Matthew Szalberg, MD</b> <a href="mailto:Matthew.szalberg@cuanschutz.edu">Matthew.szalberg@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Administration fellowship</li> <li>▪ ED operations</li> <li>▪ Process improvement</li> </ul>
<p><b>Sarah Selby, MD</b> <a href="mailto:Sarah.Selby@cuanschutz.edu">Sarah.Selby@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Undergraduate medical education</li> <li>▪ Medical forensics</li> </ul>
<p><b>Fred Severyn, MD*</b> <a href="mailto:Fred.Severyn@cuanschutz.edu">Fred.Severyn@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Prehospital care/EMS</li> <li>▪ Trauma management</li> <li>▪ Emergency airway</li> </ul>
<p><b>Jacqueline Ward-Gaines, MD</b> <a href="mailto:Jacqueline.WardGaines@cuanschutz.edu">Jacqueline.WardGaines@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ Disaster medicine</li> <li>▪ Diversity and Inclusion</li> </ul>
<p><b>Jennifer Wiler, MD, MBA*</b> <a href="mailto:Jennifer.Wiler@cuanschutz.edu">Jennifer.Wiler@cuanschutz.edu</a></p>	<ul style="list-style-type: none"> <li>▪ ED operations</li> <li>▪ EM health policy</li> </ul>



	<ul style="list-style-type: none"> <li>▪ Quality/patient safety</li> </ul>
<b>Danny Willner, MD, MPH</b> <a href="mailto:Daniel.Willner@cuanschutz.edu">Daniel.Willner@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ EMS</li> </ul>
<b>Juliana Wilson, DO, MPH</b> <a href="mailto:Juliana.Wilson@cuanschutz.edu">Juliana.Wilson@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Point-of-care ultrasound</li> <li>▪ Community health workers in the ED</li> </ul>
<b>Christina Yannetsos, MD</b> <a href="mailto:Christina.Yannetsos@cuanschutz.edu">Christina.Yannetsos@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Concussion</li> <li>▪ Injury Prevention/Sports Medicine</li> <li>▪ Victims of Abuse in the ED</li> </ul>
<b>David Young, MD, MS, MS</b> <a href="mailto:David.S.Young@cuanschutz.edu">David.S.Young@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Wilderness medicine</li> <li>▪ Race medicine</li> <li>▪ Disaster relief</li> </ul>
<b>Richard Zane, MD*</b> <a href="mailto:Richard.Zane@cuanschutz.edu">Richard.Zane@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Disaster preparedness</li> <li>▪ ED operations</li> <li>▪ EM health policy</li> </ul>
<b>Matthew Zuckerman, MD</b> <a href="mailto:Matthew.Zuckerman@cuanschutz.edu">Matthew.Zuckerman@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ Social media in medical education</li> <li>▪ Obesity</li> <li>▪ Toxicology</li> </ul>

**DENVER HEALTH MEDICAL CENTER**

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\* Faculty member likely to have active research projects

+ Project with active grant funding

Faculty Member	Research Interests
<b>Katie Bakes, MD*</b> <a href="mailto:Katherine.Bakes@dhha.org">Katherine.Bakes@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Violence Prevention<sup>+</sup></li> <li>▪ At-Risk Youth</li> <li>▪ Gun Violence</li> <li>▪ Diversity in Healthcare</li> <li>▪ Medical Career Pipeline Programs</li> <li>▪ Community Outreach</li> </ul>
<b>Whitney Barrett, MD</b> <a href="mailto:Whitney.Barrett@dhha.org">Whitney.Barrett@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Paramedic Education</li> <li>▪ Prehospital Communications</li> <li>▪ Ketamine for Excited Delirium</li> </ul>
<b>Jennifer Bellows, MD, MPH</b> <a href="mailto:Jennifer.Bellows@dhha.org">Jennifer.Bellows@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Global Health Education</li> <li>▪ Ethics in Global Health</li> <li>▪ Global Health Policy</li> </ul>
<b>Michael Breyer, MD</b> <a href="mailto:Michael.Breyer@dhha.org">Michael.Breyer@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Clinical Operations</li> <li>▪ Patient Experience</li> <li>▪ Learner and Provider Feedback</li> </ul>
<b>Kerry Broderick, MD*</b> <a href="mailto:Kerry.Broderick@dhha.org">Kerry.Broderick@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ SBIRT</li> <li>▪ Injury Prevention</li> <li>▪ Opioid Risk Reduction</li> </ul>
<b>Jennie Buchanan, MD*</b> <a href="mailto:Jennie.Buchanan@dhha.org">Jennie.Buchanan@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Graduate Medical Education</li> <li>▪ Medical Toxicology</li> <li>▪ Sexual Assault Care<sup>+</sup></li> <li>▪ Forensic Medicine</li> <li>▪ Radiation Exposure</li> </ul>
<b>Richard Byyny, MD, MSc*</b> <a href="mailto:Richard.Byyny@dhha.org">Richard.Byyny@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Clinical Decision Making</li> <li>▪ Educational Interventions</li> </ul>
<b>Richard Dart, MD, PhD*</b> <a href="mailto:Richard.Dart@rmpdc.org">Richard.Dart@rmpdc.org</a>	<ul style="list-style-type: none"> <li>▪ Acetaminophen poisoning<sup>+</sup></li> <li>▪ Snake envenomation<sup>+</sup></li> <li>▪ Abuse resistant opioids<sup>+</sup></li> <li>▪ Drugs safety<sup>+</sup></li> </ul>
<b>Aaron Eberhardt, MD</b> <a href="mailto:Aaron.Eberhardt@dhha.org">Aaron.Eberhardt@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ EMS</li> <li>▪ EMS Education</li> </ul>
<b>Anna Engeln, MD</b> <a href="mailto:Anna.Engeln@dhha.org">Anna.Engeln@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Bedside Clinical Teaching</li> <li>▪ Resident Education</li> </ul>
<b>Morgan Eutermoser, MD</b> <a href="mailto:Morgan.Eutermoser@cuanschutz.edu">Morgan.Eutermoser@cuanschutz.edu</a>	<ul style="list-style-type: none"> <li>▪ NurseLine</li> <li>▪ Telemedicine</li> <li>▪ Innovative Healthcare</li> <li>▪ Wellness</li> </ul>



<b>Mark Getzoff, MD</b> <a href="mailto:Mark.getzoff@dhha.org">Mark.getzoff@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Pediatrics</li> </ul>
<b>Sasha Gubser, MD</b> <a href="mailto:Sasha.gubser@dhha.org">Sasha.gubser@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Pediatrics</li> </ul>
<b>Rachel Gutmann, MD</b> <a href="mailto:Rachel.gutmann@dhha.org">Rachel.gutmann@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Pediatrics</li> </ul>
<b>Jason Haukoos, MD, MSc*</b> <a href="mailto:Jason.Haukoos@dhha.org">Jason.Haukoos@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Cardiac arrest<sup>+</sup></li> <li>▪ Trauma<sup>+</sup></li> <li>▪ EMS<sup>+</sup></li> <li>▪ Infectious Diseases Prevention (HIV/HCV)<sup>+</sup></li> <li>▪ Research Methodology /Applied Statistics and Modelling</li> <li>▪ Epidemiology</li> <li>▪ Health Services Research</li> </ul>
<b>Karen Honig, MD</b> <a href="mailto:Karen.honig@dhha.org">Karen.honig@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Pediatrics</li> </ul>
<b>Katherine Hurlbut, MD</b> <a href="mailto:Katherine.hurlbut@dhha.org">Katherine.hurlbut@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Opioid Abuse</li> <li>▪ Medical Toxicology</li> </ul>
<b>Janetta Iwanicki, MD</b> <a href="mailto:Janetta.Iwanicki@dhha.org">Janetta.Iwanicki@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Medical Toxicology</li> <li>▪ Prescription Opioid Abuse</li> <li>▪ Cannabis Use and Related Illnesses</li> <li>▪ Prehospital Care of the Poisoned Patient</li> </ul>
<b>John Kendall, MD*</b> <a href="mailto:John.Kendall@dhha.org">John.Kendall@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Ultrasound<sup>+</sup></li> <li>▪ Education</li> </ul>
<b>Eric Lavonas, MD, MSc</b> <a href="mailto:Eric.Lavonas@dhha.org">Eric.Lavonas@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Snake Envenomation</li> <li>▪ Resuscitation</li> <li>▪ Medication Safety</li> <li>▪ Carbon Monoxide Poisoning</li> </ul>
<b>Keri Mason, MD</b> <a href="mailto:Kerri.mason@dhha.org">Kerri.mason@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Medical Education</li> </ul>
<b>Taylor McCormick, MD, MSc</b> <a href="mailto:Taylor.McCormick@dhha.org">Taylor.McCormick@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Prehospital Trauma Triage of Children<sup>+</sup></li> <li>▪ Care of Children in Community Emergency Departments</li> <li>▪ Traumatic Brain Injury</li> </ul>
<b>Kevin McVaney, MD</b> <a href="mailto:Kevin.Mcvaney@dhha.org">Kevin.Mcvaney@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ EMS</li> <li>▪ EMS Education</li> <li>▪ Sedation of Agitated Patients</li> </ul>
<b>Manuel R. “Manny” Montano</b> <a href="mailto:Manuel.Montano@denverem.org">Manuel.Montano@denverem.org</a>	<ul style="list-style-type: none"> <li>▪ Medical Education</li> <li>▪ Medical Student Mentoring/Guidance</li> <li>▪ Bedside Clinical Education</li> <li>▪ Procedural Education</li> </ul>
<b>Maria Moreira, MD</b> <a href="mailto:Maria.Moreira@dhha.org">Maria.Moreira@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Education</li> <li>▪ Wound Management</li> <li>▪ Trauma</li> <li>▪ Communication and Leadership</li> <li>▪ Simulation</li> </ul>
<b>Jacob Nacht, MD</b> <a href="mailto:Jacob.Nacht2@dhha.org">Jacob.Nacht2@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Emergency Medical Services</li> <li>▪ Wilderness Medicine</li> </ul>



<b>Lara Rappaport, MD</b> <a href="mailto:Lara.rappaport@denverem.org">Lara.rappaport@denverem.org</a>	<ul style="list-style-type: none"> <li>▪ Pediatric EMS</li> <li>▪ Medication Errors</li> </ul>
<b>David Richards, MD</b> <a href="mailto:David.Richards@dhha.org">David.Richards@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Medical Student Education</li> <li>▪ Global Health</li> </ul>
<b>Bradley Shy, MD</b> <a href="mailto:Bradley.shy@dhha.org">Bradley.shy@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Patient Safety</li> <li>▪ Clinical Operations</li> <li>▪ Patient Experience Methodology</li> </ul>
<b>Kristine Rodrigues, MD</b> <a href="mailto:Kristine.rodrigues@dhha.org">Kristine.rodrigues@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Pediatrics</li> <li>▪ Access to Care for Refugee and Non-English, Non-Spanish Speaking (NENS) Patients</li> <li>▪ Biostatistics</li> </ul>
<b>Genie Roosevelt, MD, MPH</b> <a href="mailto:Genie.Roosevelt@dhha.org">Genie.Roosevelt@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Impact of Marijuana Legislation on Pediatric Patients</li> <li>▪ Evaluation and Management of Pediatric Trauma Patients</li> <li>▪ Efficacy of Different Sedation Regimens for Pediatric Patients in the ED</li> </ul>
<b>Matthew Rustici, MD</b> <a href="mailto:Matthew.rustici@dhha.org">Matthew.rustici@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Pediatrics</li> <li>▪ Medical Education</li> </ul>
<b>Jeff Sankoff, MD</b> <a href="mailto:Jeffrey.Sankoff@dhha.org">Jeffrey.Sankoff@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Quality Improvement</li> <li>▪ Clinical Operations</li> </ul>
<b>Lee Shockley, MD, MBA</b> <a href="mailto:Lee.shockley@dhha.org">Lee.shockley@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Clinical Operations / Business of Medicine</li> <li>▪ Medical Education</li> <li>▪ Trauma</li> </ul>
<b>Gannon Sungar, DO</b> <a href="mailto:Gannon.Sungar@dhha.org">Gannon.Sungar@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Medical Education</li> <li>▪ Knowledge Translation</li> <li>▪ Health Policy</li> </ul>
<b>Molly Thiessen, MD</b> <a href="mailto:Molly.Thiessen@dhha.org">Molly.Thiessen@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Emergency Ultrasound</li> <li>▪ Education</li> </ul>
<b>Amanda Toney, MD</b> <a href="mailto:Amanda.Toney@dhha.org">Amanda.Toney@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Pediatric Point-of-Care Ultrasound</li> <li>▪ EMS Point-of-Care Ultrasound</li> <li>▪ Urgent Care Point-of-Care Ultrasound</li> </ul>
<b>Stacy Trent, MD*</b> <a href="mailto:Stacy.Trent@dhha.org">Stacy.Trent@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Health Services Research -- Variation in Care, Guideline Adherence, Quality Improvement, Health Disparities</li> <li>▪ Sepsis<sup>+</sup></li> <li>▪ Cannabis Abuse and Blunt Trauma<sup>+</sup></li> <li>▪ Research Methodology</li> </ul>
<b>Guy Upshaw, MD</b> <a href="mailto:Guy.Upshaw@dhha.org">Guy.Upshaw@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Pediatrics</li> </ul>
<b>Jody Vogel, MD, MS*</b> <a href="mailto:Jody.Vogel@dhha.org">Jody.Vogel@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Trauma</li> <li>▪ Healthcare Access and Utilization<sup>+</sup></li> <li>▪ Health Services Research</li> <li>▪ Research Methodology</li> </ul>
<b>Stephen Wolf, MD</b> <a href="mailto:Stephen.wolf@dhha.org">Stephen.wolf@dhha.org</a>	<ul style="list-style-type: none"> <li>▪ Clinical Policies / Guidelines</li> <li>▪ Leadership Competencies and Curriculums</li> <li>▪ Medical Education</li> <li>▪ Venous Thromboembolism</li> <li>▪ Chest Trauma</li> </ul>





	▪ Blast Injuries
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**Children’s Hospital Colorado Section of Emergency Medicine**

Director of Research: Rakesh Mistry, MD, MS ([rakesh.mistry@childrenscolorado.org](mailto:rakesh.mistry@childrenscolorado.org))  
Research Coordinator: Kathleen Grice ([kathleen.grice@childrenscolorado.org](mailto:kathleen.grice@childrenscolorado.org))  
Research Administrator: Mindy Gratny ([Mindy.Gratny@childrenscolorado.org](mailto:Mindy.Gratny@childrenscolorado.org))

\* Faculty member likely to have active research projects  
 † Project with active internal or extramural grant funding

All emails: firstname.lastname@childrenscolorado.org

Faculty Member	Research Interests
<b>Kathleen Adelgais, MD, MPH<sup>*†</sup></b>	<ul style="list-style-type: none"> <li>• Pediatric C-spine injury evaluation</li> <li>• EMS management and pre-hospital care</li> <li>• Pain and sedation management</li> </ul>
<b>Michelle Alletag, MD</b>	<ul style="list-style-type: none"> <li>• Simulation</li> <li>• Fellowship education</li> </ul>
<b>Lilliam Ambroggio, MPH, PhD<sup>*†</sup></b>	<ul style="list-style-type: none"> <li>• Biomarkers</li> <li>• Respiratory Infections</li> <li>• Diagnostic Evaluation</li> </ul>
<b>Lalit Bajaj, MD, MPH<sup>*†</sup></b>	<ul style="list-style-type: none"> <li>• Informatics/quality improvement</li> <li>• Multi-center clinical research</li> <li>• Home oxygen for bronchiolitis</li> </ul>
<b>Alison Brent, MD</b>	<ul style="list-style-type: none"> <li>• Procedural sedation and analgesia</li> <li>• Telemedicine</li> </ul>
<b>Kevin Carney, MD</b>	<ul style="list-style-type: none"> <li>• QI including efficiency measures</li> <li>• ED Operations</li> <li>• Patient safety</li> <li>• Patient/parent satisfaction</li> </ul>
<b>Julia Freeman, MD</b>	<ul style="list-style-type: none"> <li>• Home oxygen therapy for bronchiolitis</li> <li>• Pediatric respiratory illnesses</li> </ul>
<b>Joe Grubenhoff, MD, MSCS<sup>†*†</sup></b>	<ul style="list-style-type: none"> <li>• Evaluation and management of mild traumatic brain injury and concussion</li> <li>• Clinical decision making and Diagnostic errors</li> </ul>
<b>Maya Haasz, MD</b>	<ul style="list-style-type: none"> <li>• Firearm safety</li> </ul>
<b>Matthew Harris, MD</b>	<ul style="list-style-type: none"> <li>• EMS and Pre-hospital care</li> <li>• Resuscitation</li> </ul>
<b>Bernadette Johnson, MD</b>	<ul style="list-style-type: none"> <li>• Injury prevention</li> <li>• Procedural sedation and analgesia</li> </ul>
<b>Jill Keyes, MD</b>	<ul style="list-style-type: none"> <li>• Quality improvement</li> <li>• Trainee and APP education</li> </ul>
<b>Patrick Mahar, MD</b>	<ul style="list-style-type: none"> <li>• Education and simulation</li> </ul>
<b>Maria Mandt, MD</b>	<ul style="list-style-type: none"> <li>• Prehospital airway management and capnography</li> </ul>
<b>Megan Mickley, MD<sup>*</sup></b>	<ul style="list-style-type: none"> <li>• Emergency medicine ultrasound</li> </ul>



<b>Rakesh Mistry, MD, MS<sup>*+</sup></b>	<ul style="list-style-type: none"> <li>• Antibiotic resistance and ED-based antimicrobial stewardship</li> <li>• Epidemiology and management of ED infectious diseases</li> <li>• Multi-center collaborative research</li> </ul>
<b>Nidhya Navanandan, MD<sup>*</sup></b>	<ul style="list-style-type: none"> <li>• Pediatric respiratory diseases</li> </ul>
<b>Jonathan Orsborn, MD<sup>*</sup></b>	<ul style="list-style-type: none"> <li>• Emergency medicine ultrasound</li> </ul>
<b>Arleta Rewers, MD, PhD<sup>*</sup></b>	<ul style="list-style-type: none"> <li>• Diabetic ketoacidosis and cerebral edema</li> <li>• Injury epidemiology and prevention</li> </ul>
<b>Mark Roback, MD</b>	<ul style="list-style-type: none"> <li>• Procedural sedation</li> </ul>
<b>Kelley Roswell, MD</b>	<ul style="list-style-type: none"> <li>• Education and simulation</li> </ul>
<b>Sarah Schmidt, MD</b>	<ul style="list-style-type: none"> <li>• Clinical informatics</li> <li>• Pediatric sepsis</li> </ul>
<b>Halden Scott, MD<sup>*+</sup></b>	<ul style="list-style-type: none"> <li>• Pediatric sepsis</li> <li>• EHR/Informatics-based research</li> <li>• Multicenter collaborative QI and research</li> </ul>
<b>Marion Sills, MD, MPH<sup>*</sup></b>	<ul style="list-style-type: none"> <li>• Asthma: processes and outcomes of care</li> <li>• ED and hospital quality/performance measures</li> <li>• Social determinants of health and impact on quality metrics</li> <li>• Large database research (secondary data analysis)</li> </ul>
<b>Irina Topoz, MD<sup>*+</sup></b>	<ul style="list-style-type: none"> <li>• Healthcare quality</li> <li>• Patient safety</li> </ul>
<b>Sam Wang, MD<sup>*+</sup></b> ( <a href="mailto:George.Wang@childrenscolorado.org">George.Wang@childrenscolorado.org</a> )	<ul style="list-style-type: none"> <li>• Medial toxicology and epidemiology of pediatric ingestions</li> <li>• Injury prevention</li> </ul>
<b>Joseph Wathen, MD</b>	<ul style="list-style-type: none"> <li>• Pediatric sedation</li> <li>• Disaster/mass casualty management</li> </ul>
<b>Jason Woods, MD<sup>*</sup></b>	<ul style="list-style-type: none"> <li>• Medical education</li> <li>• Technology-based learning</li> </ul>
<b>Tien Vu, MD</b>	<ul style="list-style-type: none"> <li>• Education and simulation</li> </ul>

**Other Sites of Practice**

\* Faculty member likely to have active research projects

+ Project with active grant funding

<b>Lauren Abbate, MD<sup>*+</sup></b> <a href="mailto:lauren.abbate@cuanschutz.edu">lauren.abbate@cuanschutz.edu</a> VA Eastern Colorado Health Care System	<ul style="list-style-type: none"> <li>• Geriatrics</li> </ul>
<b>Richard Klasco, MD</b> <a href="mailto:Richard.Klasco@cuanschutz.edu">Richard.Klasco@cuanschutz.edu</a> UCHealth ED Highlands Ranch	<ul style="list-style-type: none"> <li>▪ Public advocacy</li> <li>▪ Medical communication</li> </ul>