



Colorado Clinical & Translational Sciences Institute

At the University of Colorado Denver



Leadership for Innovative Team Science (LITeS)

Description & Directory 2013-2014

An Institute at the University of Colorado Denver | cctsi.ucdenver.edu | 720 848 7100

CCTSI is supported in part by Colorado CTSA Grant UL1 TR000154 from NCATS/NIH



The CCTSI Program

The **Colorado Clinical and Translational Sciences Institute (CCTSI)**, created in 2008, includes the University of Colorado Denver, the University of Colorado Boulder, Colorado State University, six major hospitals and health care organizations, and local communities. The CCTSI will:

- Expand this statewide academic home for clinical and translational research.
- Implement new clinical research management strategies to improve quality, safety, efficiency, cost-effectiveness and innovative team science as well as introduce new software systems and workflows.
- Centralize the delivery of resources, services and technologies.
- Incorporate key concepts of community engagement into the full spectrum of translational research.
- Increase the translational research workforce capacity through a broad curriculum of education, training and career development opportunities.

A rigorous tracking, assessment and evaluation program with a formal quality and process improvement component will ensure the best use of resources while protecting the safety of research study participants. These programs will be centralized at the University of Colorado Anschutz Medical Campus, which is adjacent to participating schools, research laboratories, three hospitals and a biomedical corporate park.

CCTSI Leadership



Ronald J. Sokol, MD

Director and Principal Investigator of the Colorado Clinical and Translational Sciences Institute

Professor and Vice Chair of Pediatrics

Arnold Silverman MD Chair in Digestive Health

Chief Section of Pediatric Gastroenterology, Hepatology and Nutrition and the Digestive Health Institute

University of Colorado School of Medicine and

Children's Hospital Colorado

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Dr. Ronald J. Sokol received his undergraduate degree from the University of Illinois in Champaign-Urbana, his MD from the University of Chicago/Pritzker School of Medicine, and his pediatric residency training at the University of Colorado Medical Center in Denver. He then completed a three-year fellowship in Pediatric Gastroenterology and Nutrition in 1983 at Cincinnati Children's Hospital Medical Center and the University of Cincinnati. Dr. Sokol has been a faculty member at the University of Colorado School of Medicine and Children's Hospital Colorado since 1983 and is now Professor and Vice Chair of Clinical and Translational Research in the Department of Pediatrics and Section Chief of Pediatric Gastroenterology, Hepatology and Nutrition and the Digestive Health Institute at Children's Hospital Colorado. He is Director and Principal Investigator of the Colorado Clinical and Translational Sciences Institute at University of Colorado Denver, funded by the NIH. Dr. Sokol's major scientific interests are investigating the etiology and cellular and immunologic pathogenesis of biliary atresia; the mechanisms of liver cell injury in cholestatic, fatty liver disease and parenteral nutrition associated liver injury; the role of mitochondria and oxidative stress in liver injury; and developing predictive models for childhood liver diseases. Dr. Sokol is Chair of the Steering Committee of the NIH-supported Childhood Liver Disease Research and Education Network (ChILDREN). Dr. Sokol is a former President of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN). He has been cited in the book, "Best Doctors in America" since 1994 and received the 2003 Nutrition Award from the American Academy of Pediatrics, the 2009 James E. Strain Award in Pediatrics from Children's Hospital Colorado and the 2009 Harry Shwachman Award from NASPGHAN. Dr. Sokol has published over 185 peer-reviewed articles, 100 chapters and review articles, 10 books or monographs, and over 300 research abstracts. He is Co-Editor of "Liver Disease in Children," the leading textbook in pediatric hepatology.



Marc Moss, MD

***Education, Training, and Career Development
(ETCD) Director, CCTSI***

Roger S. Mitchell Professor of Medicine

Pulmonary Critical Care at University of Colorado Hospital

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Dr. Moss is leading a five-year clinical study to look at a dysfunction of the nerves or muscles called polyneuromyopathy, which is often a consequence of being on mechanical life support for seven days or more. He is the Roger S. Mitchell Professor of Medicine. Funded by gifts from fund-raising events, donors, the Department of Medicine, and friends of Roger Mitchell, this Chair was established to advance pulmonary research at the University. Dr. Moss has been the Program Director for the Education, Training, and Career Development core of the CCTSI since 2008. He is also the program director for the KL2 program at the University. Since 2006, he has been the Head of Critical Care Medicine, Division of Pulmonary Sciences and Critical Care Medicine. Dr. Moss's research examines the mechanisms by which alcohol abuse and dependence increase susceptibility to acute lung injury, exploring, in addition, the effects of a variety of therapeutic modalities for patients with ARDS in NIH sponsored clinical trials. Dr. Moss has been the recipient of multiple awards, including the American Lung Association Edward Livingston Trudeau Scholar, the Golden Apple Award for Excellence in Teaching at Crawford Long Hospital and Grady Memorial Hospital, the Emory University Attending Teaching Award, the Emory University Dean's Clinical Investigator Award, and the J. Willis Hurst Internal Medicine Residency Program Mentorship Award. He was included on the Best Doctors in America 2007-2008, 2008-2009, and 2009-2010. Dr. Moss was also selected as the Who's Who in the American Thoracic Society for December, 2007. As the new Vice Chair of Clinical Research for the Department of Medicine, Dr. Moss is committed to improving the scientific infrastructure for all Divisions that will provide continued long-term success in clinical trials and research studies.

The LITeS Program

Leadership for Innovative Team Science (LITeS) 2013-14
A Program for Academic and Research Leadership in the Health Sciences

The Leadership for Innovative Team Science Program (LITeS) is offered annually by the CCTSI to a selected cohort of 28-32 University of Colorado senior and emerging leaders for clinical and translational research. The program is structured as a year-long experience requiring participation in a quarterly series of 2-day workshops, as well as small group projects carried out over the course of the year, and individualized coaching and feedback sessions.

In addition to enhancing leadership skills of participants, the goals of LITeS are to foster team science by creating a network of colleagues who serve as resources for one another across the University, to expand opportunities for cross-disciplinary collaboration, and to ensure that the next generation of clinical and translational scientists receive the highest quality training for science leadership under the guidance of a skilled cadre of faculty. Over the past five years, participants in LITeS have included all of the Anschutz campus deans and a number of department chairs, as well as senior leadership within the CCTSI and from major research centers, projects, and training programs. In 2012-13, participation also was extended to a few mid-career faculty who demonstrate interest and potential for expanded leadership roles.

The LITeS program is designed to address three major domains for leadership: 1) knowledge of individual leadership styles and behaviors; 2) interpersonal and team skills for leading, managing, and working with people; and 3) process skills for increasing quality and efficiency in the work of academic leadership. Participants will benefit from standardized assessments in such areas as Work Style and Type, Emotional Intelligence, and Conflict Management Style. Experienced trainers and facilitators will lead the group in work that is focused on topics such as: Managing Up, Mentoring as Coaching, Working with Challenging Colleagues, Intergenerational Influences on the Academic Workplace, Giving and Getting Feedback, Time Management, Effective Meetings, Project Management, Developing High Performance Teams, and Stress Management. Each participant will choose a career or professional development goal, complete a plan for its achievement, and then will receive guidance in putting the plan to work. Over the course of the year, participants also will carry out a project with a small team of 6-8 other LITeS participants. Together, they will address a real and immediate issue of concern for the University. This team structure provides opportunities for peer coaching and for the assessment and development of team skills as well. Copies of the 2012-13 Team Projects Report are available on request from Emily Warren at CCTSI (emily.warren@ucdenver.edu).

LITeS Faculty and Staff



Judith Albino, PhD

LITeS Director

President Emerita and Professor

Associate Dean for Planning and Development

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Judith Albino, PhD, LITeS Program Director, is Associate Dean for Strategic Planning and Development with the Colorado School of Public Health. Trained in psychology, she has worked in dental research since beginning her academic career in the School of Dentistry at the State University of New York. After a hiatus of more than 15 years, during which she served as Associate Provost and Dean of the Graduate School at Buffalo, and then as President of the University of Colorado, and then of Alliant International University, she returned to Colorado to work with colleagues to build a research program in health disparities of American Indian/Alaska Native populations. She is PI and director of the Center for Native Oral Health Research. She has served on the Council of the National Institute for Dental and Craniofacial Research and currently is a member of the NIDCR Special Grants Study Section. She has served as president of Behavioral Scientists in Dental Research and as Treasurer of the American Psychological Association and of the Federation of Behavioral, Psychological, and Cognitive Sciences. She was named Distinguished Psychologist in Management by the Society of Psychologists in Management, and this year was appointed by Governor Hickenlooper to the Board of Caring for Colorado. She provides consulting on leadership and organizational development and planning for higher education and the health professions. She is trained as an executive coach and maintains a small practice in that field, focusing on the health professions and coaching to maximize the performance of academic, scientific, and health care teams.



Kathy Irene Kennedy, DrPH, MA

LITeS Co-Director

Director Regional Institute for Health

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Clinical Professor of Community and Behavioral Health

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Kathy Irene Kennedy is a public health scientist and educator. At the Colorado School of Public Health she is Director of the MPH program in Maternal and Child Health and the Certificate in global Public Health. She has conducted numerous studies in reproductive health, especially in the areas of lactation, fertility, and contraception. She has directed several multi-center international studies, and has written on women's health, on mother to child transmission of HIV, and on postpartum issues. She writes regularly for authoritative textbooks on contraception and on lactation that are widely used by gynecologists, pediatricians and lactation consultants around the world.

Kathy Irene Kennedy, DrPH, MA, cont.

Dr. Kennedy is a Clinical Professor of Community and Behavioral Health at the Colorado School of Public Health. Here or elsewhere her courses have included Public Health Fundamentals, Epidemiology, Global Public Health, Maternal and Child Health, and Injury Epidemiology. Dr. Kennedy is Director of the Regional Institute for Health and Environmental Leadership (RIHEL), the CDC-founded regional public health leadership development institute for Colorado, Wyoming and New Mexico. Dr. Kennedy serves on the Board of Directors of the Colorado Foundation for Public Health and the Environment and on the Executive Committee of the Center for Global Health of the University of Colorado.



Mary Coussons-Read, PhD

LITeS Co-Director

Provost and Executive Vice Chancellor for Academic Affairs

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Mary E. Coussons-Read received her PhD in Psychology and Neurobiology from the University of North Carolina at Chapel Hill and completed postdoctoral training in Psychiatry and Pediatrics at the University of Colorado School of Medicine. She has an extensive record in teaching, research, and service, with a special emphasis on providing supporting women in academia and providing opportunities in science and research to under-represented students. She has served in numerous leadership positions at CU including being an Associate Dean, Department Chair, Chair of the UCD Faculty Assembly, and Vice Chair of the CU System Faculty Council. She is an active scientist, and her primary research focus is on the neural-immune consequences of stress during pregnancy and how these changes can affect maternal and infant outcome. In addition, she has served as a mentor and executive/leadership coach in higher education and the corporate sector for over 15 years with a special emphasis on effective organizational communication. She is active in her profession and in the community, serving in leadership roles for the American Psychosomatic Society and the PsychoNeuroImmunology Research Society, as well as on the Board of Smart-Girl, Inc., a Colorado non-profit which provides leadership training to middle-school girls. In 2013, she was named Provost at the University of Colorado Colorado Springs.



Emily Warren, MA

Programs Manager Education Training and Career Development (ETCD), CCTSI

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Emily Warren has been with the University of Colorado for more than six years. In her current position as Programs Manager for the Education, Training and Career Development core, she is responsible for pipeline & diversity programs, pre-doctoral (TL1) training, mentored career development (KL2) awards, LITeS, Co-Mentor, K to R grant review, and Clinical Research Training/RCR for the CCTSI. She holds a Master's degree in English from Simmons College, Boston and undergraduate degrees in both French and English from the University of Wisconsin. She is also a graduate of the CU Mini-Med School.

The LITeS Class of 2013-2014



Kristin Bruk Artinger, PhD

Associate Professor

School of Dental Medicine

Department of Craniofacial Biology

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I have a B.S. in biological sciences at the University of California, Irvine and also a Ph.D. in developmental and cell biology also from UCI. I completed a postdoctoral fellowship in medicine and cell biology at Harvard Medical School. I was recruited to UCD in 2002 where I study the development of the nervous system specifically how neural crest cells are born, migrate and differentiate into specific derivatives of the peripheral nervous system, craniofacial cartilage and pigment cells. Currently I am an associate professor in the department of Craniofacial Biology, School of Dental Medicine, UC-AMC.



Ingrid Binswanger, MD, MPH, MS

Associate Professor

School of Medicine

Division of General Internal Medicine

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I am a General Internist and Associate Professor in the Division of General Internal Medicine at the University of Colorado School of Medicine. My research focuses on improving the health of high-disparity populations and reducing the medical complications of drug use. I have conducted large epidemiologic studies on the risk of overdose associated with criminal justice transitions. My research team is currently developing interventions to reduce the risk of overdose from pharmaceutical opioids in clinical practice. I also lead the Primary Care Research Fellowship and the Patient-Centered Outcomes Research (PCOR) Scholars Program. These programs train fellows and junior faculty in health outcomes research methods.



Warren Capell, MD

Director

Colorado Multiple Institutional Review Board

Assistant Professor of Medicine

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I was directly involved with medical research for over ten years, beginning in medical school and continuing through residency, fellowship, and junior faculty positions in Endocrinology. My primary area of interest was lipid metabolism, particularly focused on the vascular effects and treatment of hypertriglyceridemia. My career took an administrative turn over the past six years as I became involved with COMIRB. Currently, as the Director of COMIRB, I am involved with research on a more global level. Specifically, I assist in the regulatory review of research and I counsel investigators across the entire University system with regards to regulatory and ethical considerations in their research. My background in research allows me to help bridge the gap between these two distinct “languages,” and provide further insight into optimal study design in the context of the ethical conduct of research.



Clifton Carey, PhD

Professor

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Less than 2 years ago, I accepted an appointment at the University of Colorado, School of Dental Medicine in a move that has allowed me to focus on the research I love to do. My background is in chemistry as applied to the study of caries and more recently the study of secondary caries. I am also active in standards development as the U.S. Expert on toothpaste, oral rinses, denture adhesives, fluoride varnish, fluoride analysis, and tooth bleaching products. My professional goal is to research ways for the public to achieve better oral health.



Nichole Carlson, PhD

Associate Professor

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I am an associate professor in biostatistics and informatics. I am a collaborative biostatistician. My collaborations have derived from my 15 years as a biostatistician in General Clinical Research Centers and then Clinical and Translational Science Institutes. My statistical research has focused on statistical methods for time series of hormone data. In particular I focus on Bayesian approaches for modeling pulsatile hormones and associations between hormones. I have independent funding with NIH to develop new methods for pulsatile hormones. I have recently become the director of the Colorado Biostatistics Consortium, a campus wide biostatistics consulting and collaboration unit for AMC researchers. In addition, I co-direct the BERD core of the CCTSI. As a faculty member in the Department of Biostatistics and Informatics I teach MPH, MS, and PhD courses and mentor graduate students.



Ethan Carter, PhD

Director

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I am the Director of the Department of Environmental Health and Safety for the University of Colorado Denver, both the Anschutz Medical Campus and downtown locations. In this capacity, my department oversees all aspects of radiation safety, biological safety, environmental compliance, industrial hygiene, hazardous materials management and occupational health. EHS has a staff of 22 professional and administrative personnel with an annual budget of \$2.5 million. Before to being hired as the Director of EHS in October 2010, I served on active duty in the US Army from 2003 until 2010. I am still serving in the Army Reserves at the rank of Lieutenant Colonel. Prior to serving in the military, I was an Associate Professor in the Department of Medicine, Pulmonary Division at the University of Colorado Health Sciences Center. My NIH-funded lab investigated the pulmonary vascular complications during liver and kidney disease and hypoxia.



Doug Coatsworth, PhD

Professor

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I am a child clinical psychologist by training. I have spent the last 15 years designing, implementing and evaluating family-focused interventions to promote health and prevent problems in children and adolescents. My interventions have focused on building social-emotional skills in children, delaying the onset of substances use in youth and preventing conduct disorder and problem drug use by adolescents. I have worked to translate university-based clinical models of intervention to university-community partnerships as a mechanism for disseminating evidence-based interventions.



Frank deGruy, MD, MSFM

Woodward-Chisholm Professor and Chair

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Since 1999, I have served as the Chair of the Department of Family Medicine at the University of Colorado. My research interests include mental disorders in primary care, particularly somatization and depression. I was elected to the Institute of Medicine in 2010, and am the current president of the North American Primary Care Research Group (NAPCRG). I have served as a member of the NIMH Services Research IRG. I also served as the chair of the National Advisory Committee for the Robert Wood Johnson Foundation's Depression in Primary Care Initiative.



Gerald D. Dodd, III, MD

Professor and Chair

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I have been involved in translational research focused on minimally invasive treatment of hepatic tumors for years. I was involved in the initial introduction of radiofrequency ablation devices for the treatment of hepatic tumors in the US in 1995. My first engagement started as PI of a small industry sponsored clinical trial and culminated in being PI of a large multi-institutional NCI trial of the device for the treatment of hepatomas. During this period RF ablation became one of the preferred techniques for the treatment of small hepatomas in patients with cirrhosis. My experience has also involved the use of rodent and large animal models to test the efficacy of combined therapies for cancer treatment, and the performance characteristics of various radiofrequency and microwave ablation devices. I have an active laboratory which uses a unique perfused bovine liver model as the test model for ablative devices.



Tasha E. Fingerlin, PhD

Associate Professor

Director, MS and PhD Programs in Epidemiology

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I am an epidemiologist and biostatistician with a particular interest in genetic studies of complex traits, particularly pulmonary disease. My research is focused on identifying genetic and genomic features that predispose to complex disease by developing new statistical methodologies and engaging in collaborative research in specific diseases. I am currently working with several colleagues in pulmonary fibrosis and granulomatous lung disease. I direct the MS and PhD programs in Epidemiology in the school of public health and teach courses related to data analysis and research design.



Kari Franson, PharmD, PhD, BCPP

Associate Dean for Professional Education

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As Associate Dean at the University of Colorado Skaggs School of Pharmacy & Pharmaceutical Sciences I coordinate the School's efforts for the entry-level & non-traditional (online) PharmD and continuing education curricula and oversee the scholarship of teaching in these programs. I also lead the Anschutz Medical Campus participation in the System-wide President's Teaching and Learning Collaborative, a program for promoting educational research across all campuses. As a Board Certified Psychiatric Pharmacist in the US, and a Certified Clinical Pharmacologist in the Netherlands, I have studied the clinical pharmacologic effects of cannabinoids. This work has led me to serve on the Governor's Amendment 64 Task Force Advisory Committee for Safety and Consumer Affairs and guide multiple professional groups on the wise study and use of these products.



Jacob E. (Jed) Friedman, PhD

School of Medicine

Professor of Pediatrics, Biochemistry and Molecular Genetics

Professor of Reproductive Sciences

I am the Founding Director of the Colorado Program for Nutrition and Healthy Development, sponsored by the Colorado Children's Hospital Research Institute. My research focuses on how obesity is transmitted across generations, specifically pre-natal and post-natal mechanisms underlying early development of obesity and its complications. I work with animal models (mouse, Non-Human Primate, sheep), and with clinicians from Ob-gyn and Pediatrics to study metabolism in mothers and infants, their cells, and tissues. More recently, we have begun investigating the role of the microbiome along with DNA methylation to understand their impact on transmission of obesity from mother to child.



David Goff, MD, PhD

Dean and Professor

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I am Dean and Professor of Epidemiology in the Colorado School of Public Health. My research interests include the epidemiology and prevention of heart disease and stroke with a focus on issues related to high blood pressure, diabetes, and dyslipidemia. I have been involved in observational studies, clinical trials, health care quality research, and community interventions designed to learn more about and improve cardiovascular health.



Michael Graner, PhD

Associate Professor

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I am an academic research scientist with expertise in biochemistry, cancer cell biology, and immunology. My main interests involve applying these disciplines to finding cures for cancer, brain cancer in particular. Clinically we are developing a “personalized” cancer vaccine that would be generated from a patient’s own tumor, using the tumor’s heat shock proteins as the basis for the vaccine. My lab’s more basic research focuses on exosomes or extracellularly-released vesicles (tiny “fat balls”) as a means of intercellular communication. These vesicles are in all biofluids and may serve as disease biomarkers, and we have translational projects in that domain.



Jason Haukoos, MD, MSc

Associate Professor

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I am currently an Associate Professor in the Department of Emergency Medicine at the University of Colorado School of Medicine and serve as the Director of Emergency Medicine Research at Denver Health Medical Center. I am also Director of the Denver Emergency Department HIV Research Consortium, where I collaborate with an inter-disciplinary group of scientists and public health experts, and where my research primarily focuses on identification of undiagnosed HIV infection among emergency department patients.



Malik Kahook, MD

Professor

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Malik Y. Kahook, MD is Professor of Ophthalmology and The Slater Family Endowed Chair in Ophthalmology at the University of Colorado School of Medicine. He is Director of Clinical and Translational Research and serves as chief of the glaucoma service at the University of Colorado Eye Center. His research is focused on advanced cataract surgery devices and implants, treatment of macular degeneration, novel glaucoma therapies and advanced imaging techniques. He received the American Academy of Ophthalmology Achievement Award in 2011 and the Ludwig Von Sallmann Clinician-Scientist Award in 2013. Dr. Kahook completed his residency training at the University of Colorado and a fellowship in glaucoma at the University of Pittsburgh.



Nancy Krebs, MD

Professor

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I am interested in zinc and trace mineral nutrition; defining dietary requirements and evaluating the metabolic regulation and adaptation to different intakes and physiologic states and treatment of adolescent obesity. I also have nearly 15 years of clinical, policy and research experience related to childhood obesity. As Director of our T32 (NIDDK) Training Program in Nutrition, I oversee research training for post-doctoral fellows. I have personally mentored approximately 30 post-doctoral trainees and junior faculty, as well as about 30 pre-doctoral trainees.



Jerrod Milton, BS, RPh, MBA (HCM)

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Jerrod Milton, RPh, MBA (HCM) is a hospital executive responsible for the Professional Services division at Children's Hospital Colorado. This division is comprised of clinical departments including pharmacy, radiology, clinical nutrition, pathology, and laboratory services. Children's investigational drug service was chartered during Mr. Milton's tenure as director of pharmacy services. Continuity of operations planning and emergency management also fall within his responsibility. Mr. Milton's research interests include pharmaceutical outcomes, pharmacoeconomics, and pharmacogenomics. He serves the Children's Hospital Association on the leadership panel supporting its national pediatrics Disaster Relief Task Force and is the board development committee chair at HSS, Inc.



Peter Mourani, MD

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I have a clinical background in both pediatric pulmonary and critical care medicine, but spend most of my clinical time in the Pediatric Critical Care Unit at Children's Hospital Colorado. My research has focused on clinical and translational projects evaluating the impact of preterm birth on lung vascular development and risk for pulmonary hypertension, and the contribution of the airway microbiome to neonatal and childhood lung diseases. I have administrative roles as the Director of Clinical Research for the Section of Critical Care and the Associate Director of the Children's Clinical Research Organization at CHCO.



Kathryn Partin, PhD

Professor

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Department of Biomed Sciences

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I am a faculty member in Biomedical Sciences at CSU, involved in basic neuroscience and neuropharmacology research for >15 years. Since 2007, I have been the Director of the Research Integrity & Compliance Review Office (RICRO), under the Office of the Vice President for Research, which oversees the IRB, IACUC, IBC, Quality Assurance and Responsible Conduct of Research programs at CSU. I am very interested in promoting collaborative neuroscience research. I am also deeply committed to providing trainees in biomedical sciences with appropriate skills and with good mentoring, so that they will be able to manage successful, ethical research programs



Huntington Potter, PhD

Professor of Neurology

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Huntington Potter is Professor and Director of Alzheimer's Disease Programs, Department of Neurology and the Linda Crnic Center for Down Syndrome. Following 30 years at Harvard University, he directed the NIA-designated Florida Alzheimer's Disease Research Center at the University of South Florida and the Byrd Alzheimer's Center & Research Institute. Dr. Potter's research focuses on the mechanistic relationship between Alzheimer's disease and Down syndrome, which leads to Alzheimer's by age 30-40. He has authored numerous scientific articles, books, and patents and is a Fellow of the American Association for the Advancement of Science and the National Academy of Inventors.



Angie Ribera, PhD

Professor and Interim Chair

School of Medicine

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My research focuses on ion channels in the context of the developing nervous system. On the one hand, we are interested in how ion channel expression and function are regulated during development. On the other, we study how ion channel activity then regulates nervous system development. Our focus is on embryonic stages to which we have remarkable access using the zebrafish embryos model. Our work has uncovered several novel roles for ion channels in the embryonic nervous system. The research has benefited from the contributions of several PhD students, MD/PhD students and postdoctoral fellows, whom I have enjoyed mentoring and watch develop into successful independent scientists, teachers and biotech entrepreneurs.



Paul Rozance, MD

Associate Professor

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I am a Neonatologist who maintains an active research program focused on the fetal consequences of intrauterine growth restriction (IUGR) and intrauterine nutrient restriction. My overall goal is to define the mechanisms responsible for the fetal and neonatal consequences of IUGR. I have ongoing projects which range from in vivo physiological studies to in vitro cellular and molecular experiments, mostly focused on the pancreatic beta-cell. I have been funded with a variety of internal and external awards including career development awards from the American Diabetes Association and the NICHD as well as an NIDDK R01 project award. This allows me to provide research training to a wide variety of younger scientists. Furthermore, I serve as the Associate Director of the Perinatal Research Center where my laboratory is housed. In this capacity I coordinate the efforts of research and administrative staff to make our large animal and adjacent molecular biology facilities operate as a truly collaborative environment.



Carol Runyan, MPH, PhD

Professor, Epidemiology/Community and Behavioral Health, School of Public Health

Professor, Pediatrics, School of Medicine

Director, Pediatric Injury Prevention, Education and Research (PIPER) Program

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Carol Runyan, MPH, PhD is Professor of Epidemiology and of Community and Behavioral Health at the Colorado School of Public Health with a secondary appointment in Pediatrics. She also directs the Pediatric Injury Prevention, Education and Research (PIPER) Program, building on more than two decades leading an injury research center at U. of North Carolina. Her area of research is injury prevention and policy, including both unintentional injury and violence, with special focus on worker safety, home safety, suicide prevention, and workforce development. She has held numerous state and national leadership roles helping to develop the emerging injury field.



Sarah Thompson, PhD, RN, FAAN

Dean and Professor

College of Nursing

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Dr. Thompson has actively pursued improving end-of-life care in nursing homes for the past 16 years. Funding from both the Kansas Department on Aging and National Institute of Health have supported her research on the impact of organizational and clinical variables on the quality of nursing home care. Study findings have been widely disseminated and led to practice changes in Kansas nursing homes that include palliative care and falls prevention programs. Her most recent study of 85 Midwestern nursing homes directly links key organizational variables (palliative practice, administrator turnover) to resident outcomes at the end of life.



Rachael Van Pelt, PhD

Associate Professor

School of Medicine

Department of Geriatric Medicine

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Rachael Van Pelt, PhD has worked at the University of Colorado Anschutz Medical Campus in the Division of Geriatric Medicine and Center on Aging for almost 14 years. Her research is focused on the role of aging and hormonal milieu on insulin action, lipid metabolism, adipose tissue biology, and development of cardiometabolic risk. She currently has two NIH/ NIDDK-funded R01s focused on whether: 1) removal of adipose tissue alters storage of dietary fatty acids and postprandial lipemia; and 2) the effect of estradiol on insulin action is dependent on the number of years a woman has been estrogen deficient after menopause.



Marsha Wheeler, MD

Associate Professor

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I am an obstetrician that specialized in prenatal aspects of genetics. I did a genetics fellowship that centers around prenatal genetics, prenatal diagnosis, ultrasound and genetic testing. I am the director of the Prenatal Diagnosis and Genetics unit at the University of Colorado Hospital. On a day to day basis, I spent my time doing ultrasounds, prenatal testing by chorionic villus sampling and amniocentesis and genetic counseling about the impact of pregnancy on genetic diseases. I am working in the Maternal Fetal Medicine section of Department of Obstetrics and Gynecology. I also work with genetic counselors and ultrasonographers who are involved in screening pregnant patients for birth defects, population screening, chromosome abnormalities and testing for specific genetic diseases. Over the course of my career, I have been involved with research involving sex chromosome abnormalities, preterm labor, diabetes and ultrasound markers for genetic disease.



Cara Wilson, MD

Professor, School of Medicine

Departments of Medicine and Immunology

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I am a Professor of Medicine with tenure in the Division of Infectious Diseases at University of Colorado at Denver, and I hold a secondary appointment in the Department of Immunology. My laboratory studies the human immune response to HIV-1 infection and the factors that drive HIV-1 pathogenesis in intestinal mucosal tissue. I also have extensive experience in designing and implementing HIV clinical trials, in particular in studies of HIV-associated immune activation and immune-based therapies, through my involvement in the national AIDS Clinical Trials Group (ACTG). I am a graduate faculty member in the Department of Immunology and serve as a research mentor to graduate students in Immunology, in the Medical Scientist Training Program (MSTP), and in the Biomedical Sciences Program (BSP).



To participate in the LITeS Program, **candidates are asked to submit their cv's, a brief application, and a statement of interest.** Nominations from campus leadership, deans, department chairs, and former LITeS participants are especially sought in order to identify emerging leaders from across the campus who may be considered for the program.

For more information about the program, contact LITeS Director: **Judith Albino, PhD**, at 303-724-1467 (judith.albino@ucdenver.edu).