OFFICE OF PUBLIC EDUCATION
CME SPEAKERS DIRECTORY

(Alphabetically by Topic)

KEY:
C = Continuing Medical Education; L = Lay group; B = Both

Addiction

Bryon Adinoff, M.D.

Addiction  
Alcohol or Cocaine Addiction  
Biology of Addiction

B
C
C

James Bibb, Ph.D. – Psychiatry, Neuroscience

Drug Addiction

B

Carlos Tirado, M.D. – Psychiatry

Treatment of Addiction

B

Allergy-Immunology

Maite De La Morena, M.D. – Internal Medicine, Pediatrics

Primary Immunodeficiency Diseases

B

Todd Eager, Ph.D.

T-Cell Immunology (as it relates to autoimmune disease)

B

Rebecca Gruchalla, M.D., Ph.D. – Internal Medicine, Allergy

Allergy-Immunology

Allergic Rhinitis/Asthma

C

David Khan, M.D. – Internal Medicine

Allergy & Immunology

Allergic Rhinitis

C
Anaphylaxis  C
Asthma  C
Drug Allergy  C
Urticaria  C

William Neaville, M.D. – Pediatrics, Internal Medicine

Asthma, Allergy & Immunology  C

Anesthesiology & Pain Management

Adebola Adesanya, M.D.

Critical Illness in the Perioperative Period  B

Owen Davenport, M.D.

Anesthesiology  B
Post-Operative Pain Management  B

Seval Gunes, M.D.

Regional Anesthesia  B
Interventional Chronic Pain Management  B
Cancer Pain Management  B

Gary Hill, M.D.

Anesthesiology & Pain Management  C

Chandramouli Iyer, M.D.

Regional Anesthesia for Pain Relief  B
Interventional Pain Management  B
How to Deal with Chronic Pain  B

Frank Kern, M.D.

Anesthesiology and Pain Management  B

Dawood Nasir, M.B.B.S.

Back Pain and It’s Management  C
Headache Pain  C
Babatunde Ogunnaike, M.D.

- Obesity and Bariatric (Obesity) Surgery (B)
- Anesthesia Equipment (B)
- Other Aspects of General and Regional Anesthesia (B)
- Acute Pain Management (B)

Adnan Rafique, M.D.

- Smoking Cessation Before Surgery (L)
- Post Op Pain Management (L)

Vance Shearer, M.D.

- Lectures on Airways (B)

Paul Sheeran, M.D. – Pediatrics

- Pediatric Anesthesiology & Pain (C)

Peter Szmuk, M.D. - Pediatrics

- Pediatric Anesthesia
  - Difficult Airway in Pediatric Patients (B)
  - Preoperative Assessment in Pediatric Patients (B)
  - Upper Airway Infection and Anesthesia (B)
  - Anesthesia for Obstructive Sleep Apnea (B)

Weike Tao, M.D.

- Anesthesiology & Pain Management (B)

Prabhav Tella, M.D., M.P.H.

- Chronic Pain (B)
- Interventional Pain Management (B)

Faping Tu, M.D.

- On-Site Anesthesia and Surgery in Natural Disaster
  - Lessons learned in the Sichuan Earthquake in 2008 (L)

Donald Wallace, M.B.B.S.

- History of Obstetric Anesthesia (L)
Decade of Advances in Obstetric Anesthesia Research at UTSW

Paul F. White, M.D.

Ambulatory Anesthesia – Optimal Anesthetic Techniques
Cerebral Monitoring Devices – Facilitating Recovery from General Anesthesia
Cost-Effective Strategies for Preventing Postoperative Nausea and Vomiting
Anesthesia for Electroconvulsive Therapy (ECT) – What’s New?
Use of Electroanalgesic Techniques for Acute and Chronic Pain Management
Optimal Fast-Tracking Anesthetic Techniques (similar to lecture #1 above)
Role of Non-opioid Analgesic Techniques in Pain Management
Use of Vasoactive Drugs during the Perioperative Period
Patient-Controlled Analgesia-Role of Adjuvant Therapies and Techniques
Anesthesia and Obesity – A Growing Problem!
Sedation Techniques for the Operating Room (‘MAC’), Intensive Care Unit and Diagnostic Suites
Medical-Legal Issues and Malpractice Case Studies
Understanding Clinical Research – Challenges for the future of Anesthesia and Pain Management
Interesting Cases from the Real World – Clinical Case Discussions

Amr- Mohamed Zidan, M.D., B.Ch.

Interventional Pain Management
Anesthesiology

Bariatrics

Magda Hennes – Internal Medicine

Medical Weight Management

Bariatric Surgery

Sergio Huerta, M.D. – Veterans Administration

Bariatric Surgery
Medical Management of Obesity

Biochemistry

Dominika Borek, Ph.D.

Macromolecular Crystallography

X-ray Diffraction to Explain Molecular Bases of Biochemical Reactions
Richard Bruick, Ph.D.

Biochemical Pathways Underlying the Cellular Response to Hypoxia (low oxygen), Relevant to Cancer and Ischemia

Chuo Chen, Ph.D.

Organic Chemistry

Zheng Chen, Ph.D. – Biochemistry

Biological Rhythms
Circadian Clock and Metabolic Cycle

David Corey, Ph.D. – Biochemistry

Development of Nuclei Acids as Laboratory Tools and Pharmaceutical Agents
Controlling Gene Expression in Cells

Jef De Brabander, Ph.D.

Organic Chemistry

Kevin Gardner, Ph.D. – Pharmacology

Structural Biology

Biochemistry
Biophysics / Structural Biology
Cell Signaling

Harold Garner, Ph.D. – McDermott Center for Human Growth, Internal Medicine

Computational Biology/Bioinformatics

Genomics and the Human Genome Project
Scientific Ethics
Biomedical Instrumentation
Drug Discovery

Marie-Alda Gilles-Gonzalez, Ph.D.

Oxygen Regulation

Tuberculosis Dormancy
Heme Proteins

Fixation of Nitrogen

Protein Biochemistry

Mischa Machius, Ph.D.

Structural Biology

The Role of Structural Biology in Biomedical Research
The General Impact of Structural Biology

David Mangelsdorf, Ph.D. – Pharmacology

Pharmacology

Carole Mendelson, Ph.D. - Obstetrics & Gynecology

Fetal Lung Development and Surfactant Synthesis
Regulation of Estrogen Biosynthesis
Mechanisms in the Initiation of Labor
Causes of Term and Preterm Labor

Dario Mizrachi, Ph.D.

Molecular Endocrinology, Structural Biology, GPCR Proteins

G-Protein Coupled Receptors (GPCR) and Their Signal Transduction
Endocrine-Related Diseases to this Protein

Patrick Potts, Ph.D. – Biochemistry

DNA Damage
Homologous Recombination
Sumoylation

Jose Rizo-Rey, Ph.D. – Pharmacology

Biophysics & Biochemistry

Elucidate the Mechanisms of Neurotransmitter Release
Intracellular Membrane Traffic
Michael Roth, Ph.D.

High-throughput Screening of Compound or Genomic siRNA Libraries As Tools for Drug Discovery C

Gelin Wang, Ph.D.

Cancer Biology

Cell Cycle and its Applications in Cancer Therapy B

Noelle Williams, Ph.D. – Internal Medicine

Preclinical Pharmacology

Early Lead Development of Novel Drugs B

**Biology, Cell**

Joel Goodman, Ph.D. – Pharmacology

Cell Biology L
Organelles L
Peroxisomes L
Peroxisomal Diseases L

Frederick Grinnell, Ph.D.

Bioethics-Related Research-Cross-Disciplinary Studies (Science & Philosophy) B
What Doing Science Entails-Science Policy, Science Education, Public Understanding B
The Interdisciplinary Approach-Exploring Underlying Assumptions & Ethics Challenges B

Victor Hernandez, Ph.D.

Bacterial Physiology L

Helmut Kramer, Ph.D. – Neuroscience

Drosophila Eye L

Katherine Phelps, Ph.D.

Live Cell Microscope Imaging B
Janine Prange-Kiel, Ph.D. – Cell Biology

- Neuroanatomy and Synthesis of Steroid In The Brain

Stuart Ravnik, Ph.D. – Administration

- Male Reproductin, Meiosis, Germ Cell Development, Biomedical Careers, Graduate School Careers
  - Control of Meiosis
  - Assisted Reproductive Technologies
  - General Research Ethics
  - Assisted Reproductive Technology
  - Ethics in Research
  - Career Options in Biomedical Sciences
  - Educational Requirements for Science or Medicine

Jerry Shay, Ph.D.

- Basic Biology of the Relationship Between Aging and Cancer
- Novel Cancer Therapeutics

William Snell, Ph.D.

- The Use of Chlamydomonas (green colored algae) to Study Basic Properties of Cells
- Important New Insights into Human Development and Disease Yielded from Discoveries made in Chlamydomonas

Woodring Wright, M.D., Ph.D. – Internal Medicine

- Biology of Aging and Cancer
  - How the Structures on the Ends of our Chromosomes (Telomeres) are Involved in Aging and Cancer

**Biology, Developmental**

Steven Kernie, M.D. – Pediatrics, Center for Developmental Biology

- Pediatric Critical Care
  - Severe Brain Injuries
  - Neural Stem Cells
  - Brain Development
  - Brain’s Response to Injury
**Biology, Molecular**

Rhonda Bassel-Duby, Ph.D.

Heart Muscle during Development, Growth, Adaptation and Disease  
Skeletal Muscle during Development, Growth, Adaptation and Disease

Jonathan Graff, M.D., Ph.D. – Center for Developmental Biology

Obesity and Diabetes

Michael Haberland, M.D.

Epigenetics

Yi-Heng Hao, Ph.D. – Molecular Biology

Protein Biochemistry

Protein Post-Translational Modification

Steven Kliewer, Ph.D. – Pharmacology

Nuclear Receptors in Lipid and Xenobiotic Metabolism

Bing Li, Ph.D. – Molecular Biology

Chromatin Dynamics and Transcription Regulations  
Epigenetic Control of Transcription Through Chromatin

Keith Wharton, M.D., Ph.D.

Understanding How Communications Between Cells Creates Patterns That Give Rise to Tissues and Organs  
Alteration of the Means by Which Cells Communicate with Each Other Can Give Rise to Cancer and Other Diseases in Humans  
How A Specific Molecule Regulates this Process

Hiromi Yanagisawa, M.D., Ph.D.

Blood Vessel Development  
Matrix Biology (specifically elastic fibers)  
Craniofacial Development
Chun-Li Zhang, Ph.D.

Neural Stem Cells

Their Importance in Brain Formation, Regeneration, and Cognition

Hui Zou, Ph.D.

Regulation of Chromosome Stability

Cancer

James Amatruda, M.D., Ph.D. – Pediatrics

Pediatric Cancer

Targeted Therapy of Cancer B
Childhood Cancers B
Using Zebra Fish for Research B

Victor Aquino, M.D. – Pediatric Hematology/Oncology

Pediatric Hematology/Oncology B
Bone Marrow Transplant B

Keith Argenbright, M.D. – Simmons Comprehensive Cancer Center

Prevention, Early Detection, and Population Research B
Technologies in Health Care B

Yull Arriaga, M.D. – Internal Medicine

Gastrointestinal Medical Oncology

Pancreatic Cancer B

Mary Auchus, M.D. – Internal Medicine

Hematology Oncology

Breast Cancer B
Robert Bash, M.D. – Pediatrics, Hematology/Oncology

Pediatric Cancer

Overview of Childhood Cancer

Maurizio Bendandi, M.D, Ph.D. – Simmons Comprehensive Cancer Center Research

Hematology

Idiotype Vaccines in Lymphoma

Daniel Bowers, M.D. – Pediatrics

Pediatric Cancer

Childhood Cancer
Childhood Brain Tumors
Medical Issues of Childhood Cancer Survivors

Rolf Brekken, Ph.D. – Pharmacology, Surgery

Angiogenesis
Anti-Angiogenic Therapy of Cancer
Tumor Microenvironment

Ezra Burstein, M.D. – Internal Medicine

Adult Gastroenterology

Inflammatory Bowel Disease
Molecular Biology of Inflammation

Jeffrey Cadeddu, M.D. – Urology and Radiology

Urology

Kidney Cancer
Prostate Cancer

Arianna Caprioli, Ph.D. – Developmental Biology

Developmental Biology

Hsienchang Chiu, M.D., F.C.C.P. – Interventional Pulmonology

Endobronchial Ultrasound (EBUS) Guided Bronchoscopy for Mediastinal Lymph
Node Sampling in Malignant and Non-malignant Processes  
Management of Malignant and Non-Malignant Airway Complications  
Management of Malignant Pleural Effusion  
Hak Choy, M. D. – Chair, Radiation Oncology

Lung Cancer  
Radiation Therapy

Robert Collins, M.D. – Internal Medicine, Hematology/Oncology

Cancer

Stem Cell Transplantation  
Leukemia  
Lymphoma  
Myeloma

Dev M. Desai, M.D., Ph.D., F.A.C.S. – Surgery

Adult and Pediatric Liver Cancer

Jonathan Dowell, M.D. – Internal Medicine, Hematology/Oncology

Lung Cancer

Edward D. Esplin, M.D., Ph.D. – Internal Medicine

Research Experience in Tumor Suppressor Genes  
Genetics of Lung and Breast Carcinoma

David Euhus, M.D. – Surgery, Breast Center

Cancer

Breast Cancer Risk Assessment and Prevention  
Auxillary Dissection for Breast Cancer: Who Needs It?  
Cancer Genetics

Jimming Gao, Ph.D. – Pharmacology

Cancer Nanomedicine

Adi Gazdar, M.D. – Hamon Center Therapeutic Oncology Res

Lung Cancer  
Smoking
Cancer Genetics

David E. Gerber, M.D. – Internal Medicine

Lung Cancer

Targeted Therapy Topics for Primary Care Physicians

Paul Harker-Murray, M.D., Ph.D. – Pediatric Hematology, Oncology

All Issues in Oncology

Sergio Huerta, M.D. – Veterans Administration

Colon Cancer

Rectal Cancer

Randall Hughes, M.D. – Internal Medicine, Hematology/Oncology

Cancer

Review of Lung Cancer

Screening for Lung Cancer with CT Scans

James F. Huth, M.D. – Surgery

Cancer

Any Topic in Oncology Surgery

Breast Cancer

Colon Cancer

Liver Cancer

Melanoma

Pancreatic Cancer

Sarcomas

Stomach Cancer

Patrick Leavey, M.D. – Pediatrics

Pediatric Oncology

Bone Sarcomas

Soft Tissue Sarcomas

Childhood Cancer

Medical Emergencies in Childhood Cancer

Pain Management in Children with Cancer
Marilyn Leitch, M.D. – Surgery/Oncology

- Staging of Cancer
- Breast Cancer Screening and Early Detection
- Surgical Treatment of Breast Cancer
- Sentinel Node Biopsy for Breast Cancer
- Sentinel Node Biopsy for Melanoma
- Treatment of Melanoma
- Prevention of Breast Cancer
- Breast Ultrasound for Surgeons
- Minimally Invasive Techniques in Breast Cancer Management
- Clinical Trials Participation for the General Surgeon

Xiao-yun Liu, Ph.D. – Cancer Immunobiology Center

- Biotechnology, Pharmacology and Experimental Cancer Therapy
  - Monoclonal Antibodies
  - Immunoconjugates
  - Cancer Chemotherapy
  - Genetic-Engineering

John C. Mansour, M.D. – Surgery

- Gastrointestinal Surgical Oncology
  - Gastric Cancer
  - Pancreas Cancer
  - Cystic Neoplasms of the Pancreas
  - Duodenal Cancer
  - Periampullary Cancers
  - Liver Cancer
  - Biliary Cancer
  - Liver Metastases
  - Biliary Cancer
  - Liver Metastases
  - Colorectal Metastases
  - Colon Cancer
  - Gastrointestinal Stromal Tumors (GIST)
  - Interpreting Response to Preoperative Therapy
  - Individualized Cancer Care

Jennifer Perone, M.D. – Dermatology, Surgery

- Dermatologic Surgery
Dermatologic Malignancies (Skin Cancer) B
Treatment of Skin Cancers B
Aging of the Skin and Treatments of Aging of the Skin B

Laurentiu Pop, M.D. – Cancer Immunobiology Center

Cancer Immunology
Monoclonal Antibodies B

Ganesh Raj, M.D., Ph.D. – Urology

Prostate B
Kidney B
Testis and Bladder Cancer B

Dinesh Rakheja, M.B.B.S. – Pediatric Pathologist

Pediatric Oncology B
Metabolic Disorders B

Roshni Rao, M.D. – Surgery/Oncology

Update on Breast Cancer – Clinically Applicable Data from the Past Year B
Breast Cancer Triad – Prevention, Detection, and Treatment L-Women
Evolution of Mastectomy - History and New Techniques C

Arthur Sagalowsky, M.D. – Urology, Surgery

Urologic Oncology
Bladder Cancer B
Kidney Cancer B
Prostate Cancer B
Testis Cancer B
Continent Urinary Diversion B

Barry E. Schwarz, M.D.

Contraception (general and specific) B
Menopause B
Vaginitis B

Roderich Schwarz, M.D. – Surgical Oncology

Pancreatic Cancer C
Gastric Cancer C
Liver Cancer C
Bile Duct and Gallbladder Cancer C
Pancreatic Cysts C
Angiogenesis Treatment of GI Cancers C

Nima Sharifi, M.D. – Internal Medicine

Prostate Cancer

Prostate Cancer B
Hormonal Therapy B
Androgens B

Jayaprakash Sreenarasimhaiah, M.D. – Internal Medicine

Gastroenterology

Acid Reflux B
Ulcer Disease B
Colon Cancer Screening B
Pancreatitis/Pancreas Cancer B
Gallbladder Disease B
Endoscopy Procedures B
Gastrointestinal Bleeding B

R. Stan Taylor, M.D. – Dermatology, Plastic Surgery

Cancer

Skin Cancer B
Mohs Surgery B
Basal Cell Carcinoma B
Squamous Cell Carcinoma of the Skin B
Melanoma B

Philip Thorpe, Ph.D. – Simmons Comprehensive Cancer Center

Cancer

Anti-Vascular Therapies for Cancer, eg Anti-Angiogenesis B

Michael Ullsisey, M.D. – Radiology

Breast Cancer B
James K.V. Wilson, M.D. – Associate Dean, Internal Medicine

Medical Oncology

Colon Cancer  C

Naomi Winick, M.D. – Pediatrics

Leukemia  B

Jian Zhou, Ph.D.

Signal Transduction Prostate Cancer

Cell Permeable Protein; The Biology and Its Application  C

Child Abuse and Neglect

Matthew Cox, M.D. – Pediatrics

General Pediatrics  B
Child Abuse and Neglect  B

Clinical Sciences

Ira H. Bernstein, Ph.D. – Clinical Sciences

Psychometrics

Making Up Scales for Use in Medicine  L

Alan Elliott, M.B.A. – Surgery

Clinical Sciences & Surgery  B

Blair Holbein, Ph.D., B.C.A.P – Clinical Sciences

Adverse Drug Events  C
Drug Interactions  B
Drub Metabolism  C

Linda Hynan, Ph.D. – Psychiatry

Biostatistician

Biostatistics  B
Data Preparation for Analysis  
How to Prepare for a Meeting with a Statistician  
DSMB/DSMC  
Multivariate Statistics  
Psychometrics (questionnaire development)

Stephen Inrig, Ph.D. – Clinical Sciences

Medical History  
Ethics & Health Policy

Simon Craddock Lee, Ph.D., M.P.H. – Medical Anthropologist

Ethics of Prevention and Public Health  
Health Disparities, especially in cancer prevention and control  
Human Variation (biological) and Human Difference (social)  
Limits of Race/Ethnicity in Addressing Disparity in Health  
Cultural Diversity in Health and Medical Services  
Catholic Healthcare: Ethics and Social Values  
Mission Integration, Community Benefit, Ethical Stewardship, Governance  
Evolution of Chaplaincy and Spiritual Care Services  
Culture of Biomedicine; Social Dynamics of Healthcare and Medical Practice  
Qualitative Methods and Analysis

Abu Taher Minhajuddin, Ph.D. – Family & Community Medicine

Biostatistical Methods in Clinical Research

Paul Nakonezny, Ph.D. – Psychiatry

Applied Statistics

Jasmin Tiro, Ph.D. – Clinical Sciences

Cancer Screening

Breast, Cervical, and Colorectal Cancer  
Human Papillomavirus (HPV) Vaccine

Xian-Jin Xie, Ph.D. – Simmons Comprehensive Cancer

Collaborative Cancer Research and Bioinformatics  
Clinical Trials methodologies  
Survival Analysis and Categorical Data Analysis  
Statistical Methods on Correlated Data
Statistical Model Diagnosis and Goodness-of-fit Tests

Chao Xing, Ph.D.

Genetic Epidemiology
Genetic Epidemiological Methods for Mapping Complex Traits

Song Zhang, Ph.D. – Clinical Sciences

Biostatistics
Bayesian Data Analysis
Missing Data
Longitudinal and Survival Data Analysis
Micro Array Analysis
Proteomics
Disease Mapping

Community Health

Mark DeHaven, Ph.D.

Community Based Participatory Research (DBPR)
Health Disparities
Faith-Health Collaborative Models
Minority Health
Population Medicine
Social Determinants of Health

Nora Gimpel, M.D.

Community Research/Collaboration

Gordon Green, M.D., M.P.H. – Pediatrics

Allied Health Professions
Public Health Issues

Manjula Julka, M.B.B.S.

Disease Prevention Guidelines
Chronic Disease Management from Primary Care Perspective
Like Hypertension, High Cholesterol and Diabetes
Depression

Melanie Biggs, Ph.D. – Psychiatry

Clinical Psychology

Depression, Clinical Depression, Major Depression
Suicide, Teen Suicide, Adult Suicide
Treatment of Adult Depression
Cognitive Therapy
Cognitive Behavioral Therapy (CBT)
CBT for Depression
Social Anxiety
Generalized Anxiety

Sherwood Brown, M.D., Ph.D. – Psychiatry

Effects of Corticosteroids on Mood and Memory
Depression in General Medical Conditions
Substance Abuse in Bipolar Disorder

John W. Cain, M.D. – Psychiatry

Depression and Anxiety
Psychotherapy and Medication

Graham J. Emslie, M.D. – Pediatrics

Child and Adolescent Depression and Suicidality

Treatment of Depression and Suicidality in Children & Adolescents
Child and Adolescent Psychiatric Disorders

Kevin F. Gray, M.D. – Psychiatry, Geriatric Neuropsychiatry

Depression in Late Life

Avery Kathryn Hoenig, Ph.D. – Pediatric Psychiatry, Children’s Medical Center

Adolescent Suicide and Depression

Robin Jarrett, Ph.D. – Psychiatry

Depression
Psychotherapy
Cognitive Therapy

Celia Jenkins, M.D. – Psychiatry
Depression

David Morris, Ph.D. – Psychiatry
Depression
Recognition and Treatment (i.e. What is it? How common is it? What are the symptoms? What are some ways to treat it?)
Assessment (i.e. How to initially evaluate symptom severity and how to track treatment response.)

Madhukar H. Trivedi, M.D. – Psychiatry
Depression

Mahendra Upadhyaya, M. D. – Psychiatry
Depression

Dermatology

Amit Pandya, M.D.
Acne; Aging; Skin Cancers; Sun Protection
Benign & Malignant Neoplasms of the Skin
Common Dermatologic Procedures
Common Skin Diseases
Dermatologic Manifestations of Systemic Disease
Dermatological Surgery
Skin Disorders of Pregnancy
Developing a Differential Diagnosis in Dermatology Hair Loss
Nail Disease
Pigmentary Disorders
Introduction to Dermatology (Overview)
Cutaneous Mucinoses; Treatment of Pemphigus

Kim Yancey, M.D., Chair, Dermatology
Photoprotection/Sunscreens
Skin Cancer
Common Skin Diseases
Cutaneous Reaction Patterns and Cutaneous Manifestation of Synthetic Disease
### Diabetes

**Gregory O. Clark, M.D. – Internal Medicine**

- Diabetes

**Abhimanyu Garg, M.D. – Internal Medicine**

- Diabetes and Lipid Disorders

**Michele Hutchison, M.D. – Pediatric Endocrinology**

- Growth and Growth Disorders
- Diabetes
- Puberty

**Elicia Williams-King, M.D. – General Internal Medicine**

- Obesity
- Diabetes
- Depression (Primary Care Perspective)

**Philip Raskin, M.D. – Internal Medicine**

- Endocrinology
- Diabetes Mellitus

### Ear, Nose and Throat

**Ami Brenski, M.D., - Pediatric Otolaryngology**

- Pediatric Otology
- Hearing Loss
- Newborn Hearing Screening
- Otitis Media
- Recurrent Respiratory Papillomas
- Pediatric Tracheostomy
- Sinusitis

**Orval Brown, M.D. – Otolaryngology, Head & Neck Surgery**

- Pediatrics
Pediatric Diseases of the Ears, Nose, and Throat
Updates on Ear Tubes, Otitis Media, Tonsillectomy and Adenoidectomy

Joseph Leach, M.D. – Otolaryngology, Head and Neck Surgery

Facial Cosmetic Surgery
Facial Reconstructive Surgery

Bradley F. Marple, M.D. – Otolaryngology, Head & Neck Surgery

Rhinology

Acute Bacterial Rhinosinusitis
Allergic Fungal Sinusitis

Karen Pawlowski, Ph.D.

Biomedical Engineering Technologies applied to the Temporal Bone
And Auditory System
The Role of Biofilms in Chronic Recurrent Infections of the Temporal Bone
Chronic Infections of the Middle Ear
Chronic Infections of the Upper Respiratory Tract and/or Device Infections

Peter S. Roland, M.D. – Otolaryngology, Head & Neck Surgery, Neurological Surgery

Cochlear Implants
Hearing Loss
Vertigo
The Draining Ear
Hearing Loss-Diagnosis and Management
Bell’s Palsy: Acute Idiopathic Facial Paralysis
Cholesteatoma-Diagnosis and Management

Angela Shoup, Ph.D. – Audiology

Hearing Testing
Balance Function/Vestibular Testing
Hearing Screening
Hearing Aids
Hearing Loss

Debra Weinberger, M.D. – Pediatrics

Range of Pediatric Ear, Nose and Throat Problems
Emergency Medicine

Britton Devillier, M.D., M.P.H., F.A.A.P – Pediatrics

Pediatric Emergency Medicine (safety, basic toxicology, prevention)  B

Raymond Fowler, M.D. – Surgery

CPR  B
First Aid  B
Preventive Medicine  B
“Alternative Medicine”  B
Care of Chronic Diseases  B
Motor Vehicle Trauma and its Effects on the Public  B
“Getting Help When You Need It”  B

Disaster/Pandemic Preparedness  B
Other Related Issues  B

Stacey Hail, M. D. – Surgery

Emergency Medicine  B

Ahamed Idris, M.D. – Internal Medicine, Surgery

Cardiac Arrest  B
CPR and CPR Training  B
Other Acute Resuscitation Subjects  B

Alexander (AJ) Kirk, M.D. – Surgery

Emergency Medicine

Prehospital Emergency Medicine/EMS/Tactical Medicine  B
Training/logistical/Operational Integration of Responding Fire Rescue and Law Enforcement Resources  B

Kurt C. Kleinschmidt, M.D. – Surgery

Acute Coronary Syndromes (Myocardial Infarction, Unstable Angina)  B
Deep Venous Thrombosis and Pulmonary Embolism  B
(Particularly Medical Prophylaxis and Treatment)
Alcohol Related Issues  B
Drugs of Abuse  B
Acute Overdose Evaluation and Management  B
Snake Envenomations

Samuel Luber, M.D., M.P.H.

Almost Any Topic on Emergency Medicine

Julia McDonald, M.D. – Pediatrics

Any Topic within Pediatric Emergency Medicine

Jeffery Metzger, M.D. – Surgery

Tactical Medicine
Law Enforcement Medicine
Disaster Medicine
EMS
Terrorism
Homeland Security

Ronna Miller, M.D. – Surgery

Emergency Medicine Public Education

All-Hazards Disaster Medicine
“Weapons of Mass Effect”
Emergency Medical Services

Paul E. Pepe, M.D., M.P.H. – Chairman of Emergency Medicine

Emergency Medicine, Medical Emergency Services for Public Safety, MMRS

Emergency Care
First Aid
CPR and Automated Defibrillator (AED), Use and Training
Disaster
Injury Prevention

Gary Purdue, M.D. – Anesthesia/Plastic Surgery

Burn Prevention
Early Burn Care
Disaster Management of Burns

Nancy K. Rollins, M.D. – Radiology, Pediatrics

Imaging the Brain of Infants and Children Using New MR Techniques
Studying the Brains of Children in Normal and Disease States
Developmental Problems Such as Dyslexia

Shahid Shafi, M.P.H., M.D., F.A.C.S.

Injury Prevention
Emergency Medical Systems
Trauma Systems
Trauma Centers

Endocrinology

Rich Auchus, M.D., Ph.D. – Internal Medicine

Anabolic Steroid Abuse
Related Topics

Ugis Gruntmanis, M.D. – Internal Medicine

Hypogonadism/Andropause – Male Menopause
Male and Female Osteoporosis

Melissa Ham, M.D. – Pediatric Endocrinology

Issues with Puberty

Jennifer Hill, Ph.D. – Internal Medicine

Hypothalamic Control of Feeding and Reproduction under the General Category of Neuroendocrinology

Michael Hutchison, M.D. – Pediatrics

Growth and Growth Disorders
Diabetes
Puberty

Ohwofiemu Nwariaku, M.D., F.A.C.S., F.W.A.C.S. – Surgery

Adrenal Disease
Endocrine Surgery
Thyroid Diseases
Parathyroid Disease
Pancreatic Disease

Jon Oden, M.D. – Pediatrics
Insulin Resistance
Thyroid Issues
Endocrine Topics

Philip Raskin, M.D. – Internal Medicine
Diabetes Mellitus

Endocrine Surgery

Shelby Holt, M.D.
Thyroid
Parathyroid

Ohwofiemu E. Nwariaku, M.D., F.A.C.S., F.W.A.C.S. – Surgery
Parathyroid Disease
Pancreatic Disease
Adrenal Disease
Endocrine Surgery
Thyroid Diseases

Environmental Medicine

Nora Gimpel, M.D.
Family Practice
Health Promotion/Prevention
Chronic Diseases
Medical Education
Community Research/Collaboration

Craig Glazer, M.D., M.S.P.H. – Internal Medicine, Pulmonary, Critical Care

Environmental & Pulmonary Medicine
Occupational and Environmental Lung Disease
Hypersensitivity Pneumonitis
Occupational Asthma
Asbestos Related Diseases
Pneumoconiosis
Granulomatous Disorders of the Lung
Gordon Green, M.D., M.P.H. – Pediatrics

Allied Health Professions B
Public Health Issues B

Tamara McGregor, M.D.

Hospice/Palliative Care

End of Life Care B
Difficult Choices and Conversations B
Hospice/Palliative Care B
Basic Family Medicine/Preventative Medicine L
(cancer screening, vaccinations, smoking cessation)

Shobha Rao, M.B.B.S.

EKG Reading C
Geriatrics C

Dan Sepdham, M.D.

Primary Care Topics L

Amer Shakil, M.D.

Family & Community Medicine B

Epilepsy

Mark Agostini, M.D.

Epilepsy & Seizures B

Susan Arnold, M.D. – Pediatrics

Pediatric Epilepsy & Epilepsy Surgery

Medications for Childhood Epilepsy B
Pediatric Epilepsy Surgery B
Seizure Recognition B
Status Epilepticus B
Infantile Spasms B
Ketogenic Diet B
Epilepsy in Children with Autism B
Gregory Carter, M.D., Ph.D.
Epilepsy and Anti-seizure Drug Treatment

Ramon Diaz-Arrastia, M.D., Ph.D.
Epilepsy After Traumatic Brain Injury
New Antiepileptic Drugs
New Topics on Epilepsy Research
Temporal Lobe Epilepsy

Rana Said, M.B.B.S. – Pediatric Neurology
Epilepsy
Brain Malformations
Tuberous Sclerosis
Ketogenic Diet Including Seizure Medication

Family Medicine
Bruce Elliston, M.D.
Preventive Medicine and Screening Tests
Occupational Medicine: An Overview

Scott Kinkade, M.D.
Family Medicine

Rabia Malik, M.D.
Geriatrician and Family Practice

Dan Sepdham, M.D.
Primary Care Topics

Amer Shakil, M.D.
Family & Community Medicine

Gastroenterology
Vincent Aguirre, M.D. – Internal Medicine
Basic Research on the Effects of Gastric Bypass Surgery on Body Weight and Diabetes

John Anderson, M.D. – Pediatrics

Gastroesophageal Reflux
Inflammatory Bowel Disease
Celiac Disease
Abdominal Pain
Cyclic Vomiting

Bradley Barth, M.D. – Pediatrics

GI Endoscopy
BI Bleeding
Pancreatic Disorders
Biliary Disorders
Inflammatory Bowel Disease

Geri R. Brown, M.D. – Internal Medicine, Hepatology

Liver

Hepatocellular Carcinoma (Hepatoma)
Hepatitis C
Side Effects of Hepatitis C Treatment
Complications of Cirrhosis

Deborah Clegg, R.D., Ph.D. – Internal Medicine

Nutrition

Macronutrients
Body Weight Regulation
Diets
Nutritional Support
Hypothalamic Regulation of Food Intake and Body Weight
How Estrogen Interacts in the Hypothalamus to Regulate Food Intake, Body Weight, and Body Fat Distribution

Nutrition and Cancer

How Diets That Differ in Fat Content Impact Breast Cancer Susceptibility
Yomi Fayiga, M.D. – Surgery/GI Endocrine

- Colon
- Rectum
- Diverticular Disease
- Hemorrhoids
- Colon Cancer
- Anal Incontinence
- Anal Fissure
- Rectal Bleeding
- Rectal Prolapse
- Other Topics Relevant to Colon and Rectum

Linda Feagins, M.D. – Internal Medicine

Gastroenterology

- Inflammatory Bowel Diseases (Crohn’s and Ulcerative Colitis)

Andrew Feranchak, M.D. – Pediatrics, Gastroenterology and Hepatology

- Choestatic Liver Disease
- Cystic Fibrosis Associated with Liver Disease
- Fat-soluble Vitamin Deficiency
- Physiology of Bile Formation

William V. Harford, M.D. – Internal Medicine

GI

- Irritable Bowel Syndrome
- Colon Cancer Screening

Luis F. Lara, M.D. – Internal Medicine

Gastroenterology and Pancreatotology

- Autoimmune Pancreatis
- Acute and Chronic Pancreatitis
- Pancreas Cysts
- Acute GI Bleeding
- Obscure and Occult GI Bleeding

Naveen Mittal, M.D. – Pediatric Gastroenterology, Hepatology

Intestinal Disease and Transplant
Pediatric Liver Disease  B
Liver Transplant  B

Ashish Patel, M.D. – Pediatric Gastroenterologist

Pediatric Inflammatory Bowel Disease  B

Don C. Rockey, M.D. – Internal Medicine

GI/Digestion

  GI Bleeding  B
  Colon Cancer  B
  Virtual Colonoscopy  B

Claus G. Roehrborn, M.D., Urology

  PSA Screening for Prostate Cancer  B
  Prostate Cancer Prevention  B
  Prostate Cancer Treatment  B
  BPH Medical Therapy  B
  Sonography in Urology  C

M. Gaith Semrin, M.B.B.S. – Pediatrics

  Pediatric Gastroenterology/Nutrition  B

Stuart J. Spechler, M.D. – Internal Medicine

  Gastroenterology  C

Jayaprakash Sreenarasimhaiah, M.D. – Internal Medicine

  Acid Reflux  B
  Ulcer Disease  B
  Colon Cancer Screening  B
  Pancreatitis/Pancreas Cancer  B
  Gallbladder Disease  B
  Endoscopy Procedures  B
  Gastrointestinal Bleeding  B

General

  Massimo Attanasio, M.D. – Internal Medicine
Human Genetics

Genetics and Molecular Biology of Autosomal Recessive Cystic Kidney Diseases

David Balis, M.D. – Internal Medicine

General Internal Medicine Topics

Christopher Blewett, M.D. – Internal Medicine

General Internal Medicine

Henrik B. Illum, M.D. – Internal Medicine

Lung Cancer

Wen Lai, M.D. – Internal Medicine

Primary Care
Preventive Care
Alternative Care

Albert D. Roberts, M.D. – Internal Medicine

General Medicine

Kamalanathan Sambandam, M.D. – Internal Medicine

Nephrology

William A. Scott, M.D. – Pediatrics

Pediatric Cardiology & Cardia Electrophysiology

Congenital Heart Disease
CardiacArrhythmias
Sudden Death
Athlete Pre-participation Screening
Automated External Defibrillators (AEDs)
Pacemakers/Defibrillators

John Jay Shannon, M.D. – Internal Medicine

Asthma
Chronic Care Management
Critical Care
Smoking Cessation

Genetics

Massimo Attanasio, M.D. – Internal Medicine

Human Genetics

Genetics and Molecular Biology of Autosomal Recessive Cystic Kidney Diseases

Christine Garcia, M.D., Ph.D. – Internal Medicine

Human Genetics
Pulmonary Medicine
Familial Pulmonary Fibrosis
Familial Spontaneous Pneumothorax

Vidu Garg, M.D. – Molecular Biology, McDermott Center for Human Growth & Development

Genetics of Congenital Heart Defects (Pediatric Cardiology)

Harold Garner, Ph.D. – Biochemistry, Internal Medicine

Computational Biology & Bioinformatics

Genomics and the Human Genome Project
Scientific Ethics
Biomedical Instrumentation
Drug Discovery

Kimmo Hatanpaa, M.D., Ph.D.

Pathology and Genetics of Brain and Spinal Cord Tumors

Karen Heller, B.Sc., M.S. – McDermott Center for Human Growth & Development

Genetic Counseling

Xiran Liu, M.D., Ph.D. – Neuroscience

Synapse Architecture from Normal and Genetically Engineered Mice
Alexander Pertsemlidis, Ph.D. – Internal Medicine

- Association Studies that Attempt to Elucidate the Genetic Determinants of Cardiovascular Disease
- MicroRNA Roles in Lung Cancer

Stephen Wooding, Ph.D. – Internal Medicine

- Patterns of Genetic Diversity in Humans
  - Patterns of Variation in a Wide Variety of Genes – including genes involved in drug metabolism, disease resistance, and cardiovascular health
  - Genes Involved in Taste Sensitivity – an important determinant of diet choice and other aspects of human health

Xiao-Song Xie, Ph.D. – Internal Medicine

- Membrane Transport

Masashi Yanagisawa, M.D.

- Molecular Genetics of Physiological Processes
  - Regulation of Sleep/Wake

**Genetics, Molecular**

Robert Barber, Ph.D.

- Gene Discovery
- Population Genetics

Russell Debose-Boyd, Ph.D.

- Cholesterol Metabolism
  - Impact on the Development of Heart Disease
  - Elevated Levels of Cholesterol (and other lipids)

Xinran Liu, M.D., Ph.D. – Neuroscience

- Synapse Architecture from Normal and Genetically Engineered Mice

Jian Xie, Ph.D.

- Molecular Genetics and Development – WNK Kinases and Hypertension

By Topic / Printed 04/20/09
Masashi Yanagisawa, M.D.

Molecular Genetics of Physiological Processes

Regulation of Sleep/Wake

Jin Ye, Ph.D.

Cholesterol Metabolism
Hepatitis C Virus Infection

Geriatrics

Mustafa M. Husain, M.D. – Psychiatry, Internal Medicine
Dementia – Alzheimers Disease
Brain Stimulation Therapies in Psychiatric Disorders

Shobha Rao, M.B.B.S.

EKG Reading
Geriatrics

Craig D. Rubin, M.D. – Internal Medicine

Age-Related Osteoporosis
Primary Care of Alzheimer’s Disease
Medication Use in the Elderly
Urinary Incontinence in the Elderly
Geriatric Assessment

Belinda Viciouso, M.D. – Internal Medicine

Medications in the Elderly
Dementia
Driving in the Elderly
Falls
Weight Loss

Myron Weiner, M.D. – Psychiatry, Neurology

Geriatric Psychiatry
Treatment of Alzheimer’s Disease
Management of Behavioral Symptoms in Alzheimer’s Disease
Living with Alzheimer’s Disease
Treating Cognitive Symptoms of Alzheimer’s Disease
Psychopharmacology of Alzheimer’s Disease
Health Care Administration

Ron J. Anderson, M.D., C.E.O., P.H.H.S., Administration, Internal Medicine

  Community Medicine – Community Oriented Primary Care C
  Ethics C
  Uninsured or Other Health Policy Issues C

Susan M. Cox, M.D. – Administration, Maternal-Fetal Medicine

  Professionalism in Medicine
    Feedback and Evaluation B
    Communication Styles B

Karen E. Meador, M.D. – Pediatrics

  Health Care Policy and Finance
    Health Care Spending – (any issues or current events) L
    Economics – (any issues or current events) L
    Policy Across Provider, Supplier or Payer Segments L

Joseph Schneider, M.D. – Medical Informatics, Pediatrics

  Electronic Health Records B
  Personal Health Records B
  Ethics of Electronic Clinical Information Systems B
  Jaundice B

Health Careers

Patricia Bergen, M.D., General Surgery/Laparoscopic Surgery

  Careers in Medicine and (especially) Surgery L
  Careers in Surgery for Women B
  Patient Safety and Quality Care C

Melanie Biggs, Ph.D. – Psychiatry

  Becoming a Psychologist L
  Academic Career in Medical Center L
  Developing Clinical Training Programs for Children L
Clinical Training Model: Train the Trainee to be a Trainer
Stuart Ravnik, Ph.D. – Administration, Cell Biology

Career Options in Biomedical Sciences
Educational Requirements for Science and Medicine

Nancy Street, Ph.D. – Administration

Graduate Education

Charles W. Whitten, M.D.

Dealing with Intergenerational Issues in Academic Medicine

Heart Disease & Hypertension

David Balis, M.D. – Internal Medicine

Lipids
Cholesterol
Hypertension

Subhash Banerjee, M.D. – Internal Medicine

Interventional Cardiology

Coronary Artery Disease

Beth Brickner, M.D. – Internal Medicine, Cardiology

Congenital Heart Disease in Adults
Valvular Heart Disease
Echocardiography

Deborah Carlson, Ph.D. – Pediatrics, Surgery

Relevance of Bench Research to Medicine
Cardiac Relatic Lectures
Topics in Basic Science Matters

Russell Debose-Boyd, Ph.D.

Cholesterol Metabolism

Impact on the Development of Heart Disease
Elevated Levels of Cholesterol (and other lipids)  

James de Lemos, M.D. – Internal Medicine, Cardiology

- Acute Ischemic Syndromes (Heart Attacks)  
- Lipid Lowering Therapies  
- New Methods for Identifying Risk for Heart Disease  
- Biomarkers in Acute Coronary Syndrome  
- Diagnostic & Therapeutic Uses of B-Type Natriuretic Peptide  
- Rational Treatment for Acute Coronary Syndromes  
- Reperfusion Therapy for ST Elevation MI  
- Myocardial Infarction Diagnosis and Treatment

Mark Drazner, M.D. – Internal Medicine, Cardiology

- Cardiology & Transplantation
  - Heart Failure (CHF)  
  - Left Ventricular Hypertrophy  
  - Heart/Cardiac Transplantation

Reenu Eapen, M.D. – Pediatric Cardiology

- Advanced Cardiac Imaging
  - Pediatric Cardiac MRI Topics  
  - Fetal Echocardiograms  
  - Prenatal Diagnosis of Congenital Heart Disease  
  - Pediatric Echocardiograms for Congenital Heart Disease  
  - Any General Cardiology Topics – such as Rheumatic Fever, Kawasaki Disease

Lisa Forbess, M.D. – Internal Medicine, Cardiology

- Cardiology

Vidu Garg, M.D. – Molecular Biology, McDermott Center for Human Growth & Development

- Genetics of Congenital Heart Defects (Pediatric Cardiology)

Joseph A. Hill, M.D., Ph.D. – Internal Medicine, Molecular Biology, Cardiology

- Advances in the Treatment of Heart Disease  
- The Epidemic of Heart Failure
Catherine Ikemba, M.D. – Pediatrics

Fetal Echocardiography
Perinatal Cardiology

Michael E. Jessen, M.D. – Surgery

Implantable Cardioverter Defibrillators
Myocardial Protection for Cardiac Surgery
Surgery of the Thoracic Aorta

Norman M. Kaplan, M.D. – Internal Medicine, Hypertension

Cardiology & Hypertension
Hypertension
Prevention of Cardiovascular Diseases
Preventing Your Heart Attack
Obesity and the Metabolic Syndrome
Hypertension, Diabetes and Obesity

Kurt C. Kleinschmidt, M.D. – Surgery, Emergency Medicine

Emergency Medicine & Medical Toxicology

Acute Coronary Syndromes (Myocardial Infraction, Unstable Angina)
Deep Venous Thrombosis and Pulmonary Embolism
( Particularly Medical Prophylaxis and Treatment)
Alcohol Related Issues
Drugs of Abuse
Acute Overdose Evaluation and Management
Snake Envenomations

Lynn Mahony, M.D. – Pediatrics

Pediatric Cardiology

Congenital Heart Disease in Pediatric Patients
Acquired Heard Disease in Pediatric Patients

David Markham, M.D. – Internal Medicine, Cardiology

Heart Failure
Heart Transplantation
Chieko Mineo, Ph.D. – Pediatrics

- Anitiphophilipid Syndrome
- Cardiovascular Disease

Anand Rohatgi, M.D.- Internal Medicine

- Preventive Cardiology

  - Lipid Disorders, HDL Cholesterol, Atherosclerosis, Biomarkers Of Coronary Heart Disease, Cardiovascular Risk

William A. Scott, M.D., M.S. – Pediatrics, Cardiology

- Pediatric Cardiology & Cardiac Electrophysiology

  - Congenital Heart Disease
  - Cardiac Arrhythmias
  - Sudden Death
  - Athlete Pre-participation Screening
  - Automated External Defibrillators (AEDs)
  - Pacemakers/Defibrillators

Shigeki Shibata, M.D. – Internal Medicine

- Cardiovascular Aging
- Exercise Physiology

Lidia Szczepaniak, Ph.D. – Internal Medicine, Radiology

- Lipotoxic Heart Disease
- Fatty Liver

Carlos Timaran, M.D. – Vascular Surgery

- Peripheral Arterial Disease
- Aortic Aneurysms
- Carotid Disease

Wanpen Vongpatanasin, M.D. – Internal Medicine

- Cardiology & Hypertension

  - Diagnosis & Management of Renovascular Hypertension
  - Hypertension in Postmenopausal Women
  - Hypertensive Heart Disease
Richard Wu, M.D. – Internal Medicine

Arrhythmias
Atrial Fibrillation
Ventricular Tachycardia and Sudden Cardiac Death

Thomas Zellers, M.D. – Pediatrics, Cardiology

Adults with Congenital Heart Disease
Counselling Parents of Offspring with Congenital Heart Disease
Newborn Evaluation for Heart Disease
Pediatric Cardiac Catheterization & Interventional Procedures
Use of Nitric Oxide for Pulmonary Hypertension

End Stage Lung Disease
Cystic Fibrosis
Lung Transplantation

Heart & Lung

J. Michael DiMaio, M.D. – Cardiovascular & Thoracic Surgery

Open Heart and Valve Surgery (Minimally Invasive)
Transplant; Heart or Lung or Both
Cancer of Lung, Esophageal, and Mesothelioma

Richard Ginther, B.S. – Cardiovascular & Thoracic Surgery

Cardiopulmonary Bypass

Cardiopulmonary Bypass for Congenital Heart Surgery
Thrombelastograph Hemostasis Analyzer and Its Use in Pediatrics

Michael E. Jessen, M.D. – Cardiovascular & Thoracic Surgery

Cardiothoracic Surgery

Implantable Defibrillators
Myocardial Protection for Cardiac Surgery
Surgery of the Thoracic Aorta

Dan M. Meyer, M.D. – Cardiovascular & Thoracic Surgery

Mitral Valve Repair
Heart & Lung Transplant
Artificial Hearts
Hyperhidrosis Surgery

Randall Rosenblatt, M.D. – Internal Medicine, Surgery

Pulmonary Medicine

End Stage Lung Disease
Cystic Fibrosis
Lung Transplantation

Hematology

Victor Aquino, M.D. – Pediatric Hematology/Oncology

Pediatric Hematology/Oncology
Bone Marrow Transplant

Robert Bash, M.D. – Hematology/Oncology

Overview of Childhood Cancer

George R. Buchanan, M.D. – Pediatrics

Sickle Cell Disease
Childhood Bleeding Disorders
Anemia

Matthew Porteus, M.D., Ph.D. – Pediatric Hematology/Oncology, Biochemistry

Gene Therapy and Stem Cells

Charles Quinn, M.D. – Pediatrics

Blood Disorders
Sickle Cell Disease
Thalassemia
Platelet Disorders
Newborn Screening for Hemoglobinopathies

Guna Raj, M.D. – Internal Medicine

Anticoagulation Therapy

Zora R. Rogers, M.D. – Pediatrics
Laurie J. Sutor, M.D. – Pathology

Blood Donation
Tissue Donation
Blood Safety
Transfusion Issues
Bone Marrow Registry
Therapeutic Apheresis
Blood Typing and Crossmatching

Hepatology (Liver)

Andrew Feranchak, M.D. – Pediatric Gastroenterology and Hepatology

Cholestatic Liver Disease
Cystic Fibrosis Associated With Liver Disease
Fat-soluble Vitamin Deficiency
Physiology of Bile Formation

Naveen Mittal, M.D. – Pediatrics

Transplant Hepatology

Pediatric Liver Disease
Liver Transplant
Intestinal Disease and Transplant

Hospice/Palliative Care

Tamara McGregor, M.D.

End of Life Care
Difficult Choices and Conversations
Hospice/Palliative Care
Basic Family Medicine/Preventative Medicine
(cancer screening, vaccinations, smoking cessation)

M. Elizabeth Paulk, M.D. – Internal Medicine

End of Life Care
Determination of Goals of Cure  B
Discussion of Advance Directives  B
Basic Pain Management  B
Symptom Management  B
Attention of Psychosocial Aspects of Death and Dying  B

John Sadler, M.D. – Clinical Sciences

General Medical Ethics
End of Life Care  B
Ethics Committees and Their Functions  B
Physician Self-Regulation  B
Cross-Cultural Issues  B

Immunology

Jose Casco, D.V. M. – Mice Colony Management, Principles and Practices

Establishing Effective Mice Colonies  C
Mouse Breeding Strategies  C
Mouse Behavior  C
Mice Housing  C
Mouse Environment  C
Mouse Nutrition  C
Water  C
Mouse Identification and Record Keeping  C
Mouse Restraint  C
Quarantine  C
Quality Control  C
Euthanasia  C
Health Surveillance, etc.  C

Felix Yarovinsky, M.D. – Immunology

Innate Immunity  B
Toll-like Receptors  B
Toxoplasma Gondii  B
Biology of Dendritic Cells  B

Infectious Disease

Theresa Barton, M.D. – Pediatric Infectious Diseases, Adolescent Medicine

HIV (pediatric and adolescent)  B
Sexually Transmitted Diseases B
Vaccines B
Lymphadenitis B
Staph Infections B
Osteomyelitis B
Pneumococcal Infections B

Roger Bedimo, M.D. – Internal Medicine

Infectious Diseases – HIV

Central Nervous System B
Skin and Soft Tissue Infections B

Stanley X. Cal, M.D. – Internal Medicine

HIV/AIDS B

Susan M. Cox, M.D. – Obstetrics & Gynecology, Maternal-Fetal Medicine

Preterm Labor

Infection and Preterm Labor B
Urinary Tract Infections in Pregnancy B

Shaili Gupta, M.B.B.S. – Internal Medicine

HIV and Viral Hepatitis (HBV and HCV)

HIV-viral Hepatitis Coinfections C

Jula Inrig, M.D. – Internal Medicine

Chronic Kidney Disease C
Microscopic Hematuria and Trace Proteinuria C
Acid-Base Balance C
Acute Kidney Injury C
Hypertension in Edn-state Renal Disease C
Frequent Hemodialysis C
Calcium and Phosphorus in Kidney Disease C

Mamta Jain, M.D. – Internal Medicine

HIV C
Viral Hepatitis C
Richard Kaplan, M.D. – Internal Medicine

HIV B
Substance Abuse B
TB B
Infectious Disease B
GI Motility B
GERD B

Sirisha Karri, M.B.B.S. – Internal Medicine

Hematology/Oncology

Gastrointestinal Malignancies B
Breast Cancer B

Dolores Peterson, M.D., Ph.D. – Internal Medicine

HIV Disease

Antiretroviral Treatment of HIV Disease B
Complications of New Treatments of HIV Disease B
Primary Care of the HIV-Infected Patient B

Pablo Sanchez, M.D. – Pediatrics

Neonatal Infectious Diseases

Congenital Infectious Diseases B
Perinatal Infectious Diseases B
Neonatal Infectious Diseases B

Paul M. Southern, Jr., M.D., DTM&H – Pathology, Internal Medicine

Clinical Microbiology, Infectious Diseases, and Tropical Medicine

Clinical Tropical Medicine C
Interesting Case Histories in Tropical Medicine C

Pranavi Sreeramoju, M.D., M.P.H. – Internal Medicine

Healthcare Associated Infections C
Device Associated Infections C
Surgical Site Infections C
Influenza
Infection Control in Hospitals
Hand Hygiene
Healthcare Epidemiology

George D. Wendel, Jr., M.D. – Obstetrics & Gynecology, Maternal-Fetal Medicine

Obstetrics and Gynecology & High-Risk Pregnancies

Obstetrics
Infectious Diseases in Pregnancy
HIV in Pregnancy
Sexually Transmitted Diseases

Kidney Disease

Michael Baum, M.D. – Pediatrics, Internal Medicine

Care for Children with Kidney Disease
Fluids and Electrolytes: A Practical Approach
Renal Tubular Acidosis

Amy Becker, M.D. – Pediatric Nephrology

Urinary Track Infections
Hematuria
Proteinuria
Nephrotic Syndrome
Post-Streptococcal Glomerulonephritis
Kidney Stones
Chronic Kidney Failure
Sickle Cell Nephropathy
Dialysis in Children
Dysfunctional Voiding
Hypertension in Children

Peter Igarashi, M.D.

Polycystic Kidney Disease

Fangming Lin, M.D., Ph.D. – Pediatrics

Clinical Pediatric Nephrology
Kidney Development and Regeneration in Basic Science Research
Christopher Y. Lu, M.D. – Internal Medicine, Nephrology

Renal & Transplantation

Kidney Transplantation B

Margaret S. Pearle, M.D., Ph.D. – Urology, Internal Medicine

Medical & Surgical Management of Kidney Stones

Khashayar Sakhaee, M.D. – Internal Medicine, Mineral Metabolism

Renal Bone Disease C
Renal Stone: Diagnosis and Treatment C

Robert D. Toto, M.D. – Internal Medicine, Nephrology

Chronic Kidney Disease C
Hypertension and Kidney Disease C
Lipids and Kidney Disease C
Kidney Disease L

Medical Physics

Medical Research

Joan Reisch, Ph.D. – Clinical Sciences

Biostatistics in Medical Research B

Microbiology

Jason Huntley, Ph.D.

Francisella Tularensis Vaccine Development B

Julie Pfeiffer, Ph.D.

Virology

Poliovirus B
Hepatitis C Virus B

Vanessa Sperandio, Ph.D.

Microbiology C
Ellen Vitetta, Ph.D. – Cancer Immunobiology Center

Vaccines B
Immunotherapy B
Women’s Issues B
Mineral Metabolism

Khashayar Sakhaee, M.D. – Internal Medicine

Renal

Renal Bone Disease C
Renal Stone Disease and Treatment C

Nephrology

Essam F. Elsayed, M.D., M.S. – Internal Medicine

Nephrology

Obesity and Kidney Disease C
Cardiovascular Disease As Risk For Kidney Disease, Hypermaturemia, Hyponatremia, Sodium C

Neurological Surgery

Michael Levy, M.D.

Neurosurgery Nursing
Nursing Management of Traumatic Brain Injury C

Bruce Mickey, M.D. – Otolaryngology, Head & Neck Surgery

Brain Tumors C
Epilepsy Surgery C
Radiosurgery C

Kevin Morrill, M.D.

Spine and Spinal Cord

Skull Base Surgery B
Neurotrauma B
Babu Welch, M.D. – Radiology

Neurosurgical Vascular and Endovascular Disease

Skull Base Techniques in Neurosurgery B

Jonathan White, M.D.

Brain

Neuroanatomy B
Trauma B
Stroke B
Aneurysms B
AVM B
Face Pain B
Hydrocephalus B
Resident Training B

Wengui Yu, M.D., Ph.D. – Neurology

Neurological Care & Stroke

“Neurocritical Care: Brain Resuscitation in 21st Century” C
“Current Management of Subarachnoid Hemorrhage” C
“Treatment of Acute Stroke” C
“Contemporary Management of Intracerebral Hemorrhage” C

Neurology

Robert Bachoo, M.D., Ph.D. – Internal Medicine

Molecular Biology of Brain Tumors

Brain Tumors (any topic) B
Brain Stem Cell Biology (can give a more broad up-to-date overview) B
Brain Physiology (can give a more broad up-to-date overview) B
Tumor Biology (can give a more broad up-to-date overview) B
Mouse Models of Cancer (can give a more broad up-to-date overview) B

Stephen Cannon, M.D., Ph.D.

Electrical Properties of Muscle and Nerve

Mechanism by Which Mutations in Ion Channels Alter the Excitability of Skeletal Muscle to Cause Myotonia and Periodic Paralysis B
Gregory Carter, M.D., Ph.D.

Sleep Medicine

Sleep Disorders B
Cerebrovascular Disease and Ischemic Stroke Prevention B
Epilepsy and Anti-seizure Drug Treatment B

Scott Davis, Ph.D.

Multiple Sclerosis B

Richard B. Dewey, Jr., M.D.

Current Topics in Parkinson’s Disease B
The Search for Neuroprotection in Parkinson’s Disease C
Treatment of Parkinson’s Disease C

Ramon Diaz-Arrastia, M.D., Ph.D.

Traumatic Brain Injury B
Alzheimer’s Disease B
Epilepsy After Traumatic Brain Injury B
New Antiepileptic Drugs C
New Topics on Epilepsy Research L
Temporal Lobe Epilepsy C

Todd Eagar, Ph.D.

T-Cell Immunology (as it relates to autoimmune disease) B

Jeffrey Elliott, M.D.

Amyotrophic Lateral Sclerosis (Lou Gehrigs Disease) B

Elliot M. Frohman, M.D. – Ophthalmology

Neurology

Multiple Sclerosis B
Brain and Behavior B
History of Medicine B

Ophthalmology

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Neuro-Ophthalmology

Qi Fu, M.D.

- Gender Differences in Blood Pressure Control in Humans
- Sympathetic Neural Control During Early Pregnancy in Humans
- Autonomic Control of Blood Pressure in Women
- Sex Differences in Orthostatic Tolerance

Matthew Goldberg, Ph.D. – Psychiatry

- Parkinson’s Disease
- Other Neurodegenerative Diseases – particularly the involvement of inherited mutations linked to neurodegeneration

Yunhua (Yal) Gong, M.D., M.S. – Neurology

- Medicine
- Pharmacology
- Related Research

Kevin F. Gray, M.D. – Psychiatry

- Geriatric Neuropsychiatry
  - Alzheimer’s Disease
  - Dementia
  - Parkinson’s Disease (especially non-motor symptoms)
  - Lewy Body Dementia
  - Depression in Late Life

Benjamin Greenberg, M.D.

- Multiple Sclerosis
- Transverse Myelitis
- Neuromyelitis Optica (Devic’s)
- Infections of the Central Nervous System

Susan Iannaccone, M.D. – Pediatric Neurology

- Pediatric Neuromuscular Disease (Muscular Dystrophy)

Pradeep Modur, M.D., M.S.
Seizures
Epilepsy

Nancy Monson, Ph.D.

Immunology
Autimmunity
Multiple Sclerosis
B Lymphocytes

Padraig O’Suilleabhain, M.D.

Deep Brain Stimulation for Movement Disorders
Dystonia
Huntington’s Disease
Parkinson’s Disease
Tremors

Juan Manuel Pascual, M.D. – Physiology, Pediatrics

Brain Development
Brain and Metabolism
Mental Retardation
Epilepsy and Seizures
Neurogenetics
Neurological Research
Molecular Neurology
Novel Research Methods in Neurology
Brain-mind Relationship
History of Neuroscience
Memory and Intelligence
Brain Metabolism
Pediatric Neurology
Muscular Dystrophy
Cerebral Palsy
PET in Neurology
Functional MRI
Inherited Neurological Diseases

Craig Powell, M.D., Ph.D. – Psychiatry

Basic Mechanisms of Learning and Memory
Genetic Mouse Models of Autism

Paula Ulery-Richards, Ph.D. – Psychiatry, Neurobiology
Neurobiology of Alzheimer’s Disease B
Schizophrenia B

Peter S. Roland, M.D. – Otolaryngology, Head & Neck Surgery

Cochlear Implants B
Hearing Loss L
Vertigo C
The Draining Ear C
Hearing Loss – Diagnosis and Management C
Bell’s Palsy: Acute Idiopathic Facial Paralysis C
Cholesteatoma – Diagnosis and Management C

Roger Rosenberg, M.D. – Physiology

Alzheimer’s Disease B
Memory and Memory Disorders B
Neurological Disease B
Neuroscience B
Neurogenetics B

Rana Said, M.B.B.S. – Pediatrics

Epilepsy B
Brain Malformations B
Tuberous Sclerosis B
Ketogenic Diet Including Seizure Medication B

Anjali Shah, M.D., - Physiology

Multiple Sclerosis B
Rehabilitation of Multiple Sclerosis B
Neuro-Rehabilitation Medicine B
Fitness B
Exercise B
Alternative and Complementary Medicine B

Mike Singer, M.D., Ph.D.

Neuropathy B
Motor Neuron Disease B

Steven Vernino, M.D., Ph.D.
Neuromuscular Disorders

   Myasthenia Gravis and Neuropathy   B
   Disorders of the Autonomic Nervous Systems   B
   Paraneoplastic Neurological Disorders   B

Gil I. Wolfe, M.D.

   Neuromuscular Disorders & Electromyography

   Peripheral Neuropathy   B
   Myasthenia Gravis   B
   Muscular Distrophy   B

Kyle Womack, M.D. – Psychiatry

   Dementia   C
   Alzheimer’s Disease   C
   Frontotemporal Dementia   C

Wengui Yu, M.D., Ph.D. – Neurological Surgery

   Neurocritical Care and Stroke

   Neurocritical Care: Brain Resuscitation in the 21st century   C
   Current Management of Subarachnoid Hemorrhage   C
   Treatment of Acute Stroke   C
   Contemporary Management of Intracerebral Hemorrhage   C

Obstetrics & Gynecology

   James M. Alexander, M.D. – Maternal-Fetal Medicine

   Labor Dystocia   C
   Maternal Complications of Pregnancy   C
   Preterm Labor   C
   Women’s Health Care (esp. during reproductive years)   L

Steven Bloom, M.D. – Chair, Obstetrics & Gynecology, Maternal-Fetal Medicine

   Obstetrics (topics related to Obstetrics)   C

Karen D. Bradshaw, M.D. – Surgery
Women’s Health
HPV
Hormone Replacement

Marlene Corton, M.D.
Urogynecology

Urinary and Fecal Incontinence
Nerve Injury Associated with Gynecologic Surgery
Pelvic Organ Prolapse

Susan M. Cox, M.D. – Administration, Maternal-Fetal Medicine
Preterm Labor

Infection and Preterm Labor
Urinary Tract Infections in Pregnancy

Kevin J. Doody, M.D.
Infertility (any topic)

Dennis Factor, M.D.
Contraception
Medical Liability

Lisa Halvorson, M.D.
Reproductive Endocrinology and Infertility

Couples Having Trouble Conceiving
Endocrine Disorders (irregular menstrual cycles)

Irwin Kerber, M.D.
Any Aspect of Menopause

Carole Mendelson, Ph.D. – Biochemistry

Fetal Lung Development and Surfactant Synthesis
Regulation of Estrogen Biosynthesis
Mechanisms in the Initiation of Labor
Area Related to the Causes of Term and Preterm Labor—a possible title is
“Communication Between the Fetus and Mother in the Timing of Birth”

Mary Jane Pearson, M.D.

Gynecology
Adolescent Gynecology
Pregnancy Prevention

David E. Rogers, M.D., M.B.A.

Menopause
Hormone Therapy
PMS
Office Gynecology
Women’s Preventive Health Care

Joseph Schaffer, M.D.

Sexual Dysfunction

Barry E. Schwarz, M.D.

Contraception (general and specific)
Menopause
Vaginitis

Jeanne Sheffield, M.D.

High Risk Obstetrics

Multiple Gestations
Preterm Birth
Infectious Diseases

Allison Smith, M.D.

General Obstetrics or Gynecology

George D. Wendel, Jr., M.D.

High Risk Pregnancies

HIV in Pregnancy
Infectious Diseases in Pregnancy
Obstetrics
Sexually Transmitted Diseases

Claudia L. Werner, M.D.

Evaluation of Abnormal Paps
HPV Infection in Women
HPV Vaccines
Cervical Cancer Screening and Prevention

Ellen Wilson, M.D.

Reproductive Endocrinology

Polycystic Ovarian Syndrome
Menopause
Infertility
Contraception

Michael Zaretzky, M.D.

Fetal Prenatal Diagnosis and Therapy
Maternal Fetal Medicine

Ophthalmology

Preston H. Blomquist, M.D.

Ophthalmologic Emergencies
Ocular Trauma
Management of the Red Eye
Examination of the Eye
Ocular Toxicology

R. Wayne Bowman, M.D.

Refractive Surgery/LASIK
Cataract Surgery/Intraocular Lens Implants
Corneal/External Disease
Ocular Infection

H. Dwight Cavanagh, M.D., Ph.D.

Corneal Surgery
Eye Infections
Laser Eye Surgery
Contact Lens Problems
Cataract Surgery

Kim Du, O.D.

Low Vision Optometry

Elliott M. Frohman, M.D., Ph.D. – Neurology

Neuro-Ophthalmology

Yu-Guang He, M.D.

Retinal and Macular Diseases
Age-Related Macular Degeneration: Developments in Management
Diabetic Retinopathy: What Happens When Your Patients Cannot See

Ellen Heck, M.B.A. – Surgery

Tissue and Eye Donation and Transplantation

Randy Hua, O.D. – Ophthalmology

Opthalmology

Karanjit S. Kooner, M.D.

Glaucoma in General Practice
Glaucoma: The Sneak Thief of Sight
How to Care for the Glaucoma Patient
Legal Blindness in Glaucoma
Risk Factors for Glaucoma

Jerry Niederkorn, Ph.D. - Microbiology

Immunology and Transplantation
Research on Immunology of the Eye
Infectious Disease of the Eye and Ocular Tumors

Rafael Ufret-Vincenty, M.D. – Vitreo-Retinal Specialist

Age-Related Macular Degeneration

Jess Whitson, M.D.

Glaucoma
Serena Xiaohong Wang, M.D. – Pediatric Orthalmology and Adult Strabimus

Pediatric Eye Diseases (Strabimus, amblyopia, cataract, pink eyes) B

Judy Yep, O.D. – PHHS, Therapeutics and Glaucoma Optometrist

Optometry L

Orthopaedics

John Birch, M.D. – Scottish Rite Hospital, Orthopaedic Surgery

Congenital Lower Extremity Deformities Including Shortening B
Scoliosis B
Development Dysplasia of the Hip B
Clubfoot Deformity B

Michael J. Bolesta, M.D. – Orthopaedic Surgery

Spinal Problems in All Regions of the Spine (Cervical, neck), Thoracic, (mid Back), Lumbar (low back) B

Joseph Borrelli, M.D., Chair, Orthopaedic Surgery

Fracture Treatment – any type of fracture except spinal and facial B

Robert Bucholz, M.D. – Orthopaedic Surgery

Total Knee and Total Hip Replacements B

Kevin Gill, M.D. – Orthopaedic Surgery

Degenerative Neck and Back B
Motion and Fusion Preservation Surgery B

Michael Huo, M.D.- Joint Replacement Surgery

Current Status of Joint Replacement Surgery B
Economics of Joint Replacement Surgery B
Complications of Joint Replacement Surgery B
Blood Clot Prevention Following Major Joint Replacement Surgery B

Karl Rathjen, M.D. – Scottish Rite Hospital, Pediatric Orthopaedic Surgery
Scoliosis
Craig D. Rubin, M.D. – Internal Medicine
Age-Related Osteoporosis
Daniel Sucato, M.D., M.S. – Scottish Rite Hospital, Pediatric Orthopaedic Surgery
Pediatric Orthopaedics
Hip Dysplasia in Adolescents
Hip Preserving Surgery in Young Adolescents or Young Adults
Spine Deformity or Scoliosis
Carol Wise, Ph.D. – McDermott Center for Human Growth & Development
Genetics of Pediatric Musculoskeletal Diseases
Inflammatory Diseases (Juvenile Arthritis, Scoliosis, Rare Inflammatory Diseases)
Joseph E. Zerwekh, M.D., Ph.D. – Internal Medicine
Disorders of Calcium and Phosphorus Homeostasis
Metabolic Bone Disease
Osteoporosis
Effects of Steroid Hormones on Bone
Kidney Stones
Vitamin D Metabolism and Action
Otolaryngology - Head & Neck Surgery
Ami Brenski, M.D., - Pediatric Otolaryngology
Pediatric Otology
Hearing Loss
Newborn Hearing Screening
Otitis Media
Recurrent Respiratory Papillomas
Pediatric Tracheostomy
Sinusitis
Orval Brown, M.D.
Pediatric Diseases of the Ears, Nose and Throat
Updates on Ear Tubes, Otitis Media, Tonsillectomy and Adenoidectomy
Teresa Chan, M.D. – General Otolaryngology

Otology (hearing loss)  B  
Laryngology (voice and swallowing disorders)  B

Amy Hamilton, M.A., CCC-SLP

Speech Pathologist

Voice disorders  L  
Professional Voice  L

Romaine Johnson, M.D.

Pediatric and Adult Airway Reconstruction  B

Bradley Marple, M.D. – Rhinology

Acute Bacterial Rhinosinusitis  C  
Allergic Fungal Sinusitis  C

Karen Pawlowski, Ph.D.

Biomedical Engineering Technologies applied to the Temporal Bone  C  
And Auditory System  
The Role of Biofilms in Chronic Recurrent Infections of the Temporal Bone  C  
Chronic Infections of the Middle Ear  C  
Chronic Infections of the Upper Respiratory Tract and/or Device Infections  C

Peter Roland, M.D., Chair – Neurological Surgery

Cochlear Implants  B  
Hearing Loss  L  
Vertigo  C  
The Draining Ear  C  
Hearing Loss-Diagnosis and Management  C  
Bell’s Palsy: Acute Idiopathic Facial Paralysis  C  
Cholesteatoma-Diagnosis and Management  C

Angela Shoup, Ph.D. – Audiology

Hearing Testing  B  
Balance Function/Vestibular Testing  B  
Hearing Screening  B  
Hearing Aids  B  
Hearing Loss  B
Pathology

M. Qasim Ansari, M.D. – Clinical Pathology & Immunopathology

- Quality Management
- Error Reduction
- Point of Care Testing
- Hepatitis
- HIV Disease
- Autoimmune Disease
- Flow Cytometry

Arnaldo Arbini, M.D., - Hematopathology

- Leukemia Diagnosis
- Lymphoma Diagnosis

Tak-Shun Choi, M.D., - Transfusion Medicine

- Transfusion Risks in the 21st Century

James Clark, M.D., - Pediatric Clinical Pathology, Hematology

- Coagulation
- Transfusion Medicine
- Organ Donation
- Clinical Chemistry

Chan Foong, M.S. – Neuropathology

- Brain Tumor
- Neurodegenerative Disease

Rita Gander, Ph.D.

- Clinical Microbiology Case Histories

Robert Genta, M.D. – Internal Medicine

- Gastrointestinal Pathology
- Gastrointestinal Health and Disease
- Tropical Diseases
- Medical Error

Amy Gruszecki, D.O.
Forensic Pathology

Kimmo Hatanpaa, M.D., Ph.D.

Pathology and Genetics of Brain and Spinal Cord Tumors

Emily Herndon, M.D. – Neuropathologist

Huntington Disease
Dementia
Muscle Diseases

Payal Kapur, M.B.B.S. – Adult Surgical Pathology

Gastrointestinal Pathology
Genitourinary Pathology

Nitin Karandikar, M.D., Ph.D. – Neurology

Immunology of Multiple Sclerosis

Dwight Oliver, M.D. – Pathology

Surgical and Molecular Pathology

Reade Quinton, M.D.

Forensic Pathology

Dinesh Rakheja, M.B.B.S., M.D. – Pediatric Pathologist

Pediatric Oncology
Metabolic Disorders

Beverly Rogers, M.D.

Placental and Pediatric Molecular Pathology

Thomas Rogers, M.D. – Surgical Pathology

Hepatic Pathology

Timothy Sliter, Ph.D. – Genetics and Forensic Science
By Topic / Printed 04/20/09

Forensic Science in General
Forensic DNA

Paul M. Southern, Jr., M.D. – Internal Medicine

Various Clinical Tropical Medicine Topics
Interesting Case Histories in Tropical Medicine

Carlos Tirado, Ph.D., FACMG – Pathology

Cancer Cytogenetics and Clinical Cytogenetics

Cancer Cytogenetics
Cancer Genetics
Clinical Cytogenetics
The Use of Molecular cytogenetics in Monitoring Hematological Malignancies

Jill Urban, M.D.

Forensic Pathology

Frank Wians, Ph.D.

Prostate-Specific Antigen (PSA) Testing and Prostate Cancer
Intra-Operative Hormone Testing
Method Evaluation and Validation
Use of Receiver-Operator Characteristic (ROC) Curves in the Assessment of the Diagnostic Accuracy of Laboratory Tests
Human Anti-Mouse Antiglobulin (HAMA) Interference in Immunoassay Testing
Other Clinical Laboratory Medicine-Related Topics

Xin Jin (Joseph) Zhou, M.D. – Internal Medicine

Pathology of the Kidney
Pathology of Renal Transplantation

Pediatrics

John Andersen, M.D.

Gastroesophageal Reflux
Inflammatory Bowel Disease
Celiac Disease

By Topic / Printed 04/20/09
Abdominal Pain  
Cyclic Vomiting  

Victor Aquino, M.D. – Pediatric Hematology / Oncology  

Pediatric Hematology / Oncology  
Bone Marrow Transplant  

Theresa Barton, M.D. – Pediatric Infectious Diseases, Adolescent Medicine  

HIV (pediatric and adolescent)  
Sexually Transmitted Diseases  
Vaccines  
Lymphadenitis  
Staph Infections  
Osteomyelitis  
Pneumococcal Infections  

Michel Baum, M.D. – Renal  

Care for Children with Kidney Disease  
Fluids and Electrolytes: A Practical Approach  
Renal Tubular Acidosis  

Karen D. Bradshaw, M.D. – Obstetrics & Gynecology, Reproductive Endocrinology  

Pediatrics & Adolescent Gynecology  

Luc Brion, M.D. – Neonatology  

Hyperbilirubinemia  
Neonatal Systematic Reviews  

Orval Brown, M.D. – Otorhinolaryngology, Head & Neck Surgery  

Pediatric Disease of the Ears, Nose and Throat  
Updates on Ear Tubes, Otitis Media, Tonsillectomy and Adenoidectomy  

Laura Brumley, M.D. – Pediatrics  

General Pediatrics  
Adolescent Medicine  

Deborah Carlson, Ph.D. – Surgery  

Relevance of Bench Research to Medicine  
Cardiac Related Lectures
Topics in Basic Science Matters

Lina Chalak, M.D. – Pediatrics

Neonatal Intensive Care

Research Interest in Neonatal Brain Injury/Seizures

Nandina Channabasappa, M.D., M.B.B.S. – Pediatrics

Pediatric Gastroenterology

  Intestinal Failure/Rehabilitation
  Pediatric Therapeutic Endoscopy

Matthew Cox, M.D.

  General Pediatrics
  Child Abuse and Neglect

Ralph Deberardinis, M.D., Ph.D. – Pediatric Genetics and Metabolism

  Medical Genetics
  Inborn Errors of Metabolism
  Newborn Screening
  Tumor Metabolism

William Engle, M.D. – Neonatology

  Neonatal Jaundice

Philip Ewing, M.D. – Pediatrics

  Pediatric Emergency Medicine

  Diabetes Emergencies

Alisa Gotte, M.D. – Pediatrics

  Pediatric Rheumatology

  Juvenile Arthritis

Paul Harker-Murray, M.D., Ph.D. – Pediatric Hematology, Oncology, Blood And Marrow Transplantation

  All Issues in Oncology

By Topic / Printed 04/20/09
Halim Hennes, M.D., M.S. – Pediatrics

Pediatric Emergency Medicine

Pain Management B
Head Trauma B

Patricia Hicks, M.D. – Director of Pediatric Residency Program

General Pediatrics B

Michele Hutchison, M.D., Ph.D. – Endocrinology

Growth and Growth Disorders B
Diabetes B
Puberty B

Catherine Ikemba, M.D.

Fetal Echocardiography B
Perinatal Cardiology B

Mambarath Jaleel, M.B.B.S.

Neonatal-Perinatal Medicine B
Newborn Medicine B

Steven Kernie, M.D. – Center for Developmental Biology

Pediatric Critical Care

Severe Brain Injuries B
Neural Stem Cells B
Brain Development B
Brain’s Response to Injury B

Laura Klesse, M.D., Ph.D. – Pediatrics

Pediatric Oncologist

Neurofibromatosis B

Joshua Koch, M.D. – Pediatrics

Pediatric Critical Care
Acquired brain injury in pediatrics (traumatic brain injury, hypoxic brain injury, brain injury and neurologic outcomes after congenital heart surgery)

Michael Lee, M.D.

General Pediatrics

Eron Linver, M.D. – Pediatrics

Prevention Issues or Other Common Pediatric Problems
Common Hospitalization Issues

Deanna Liss, Ph.D. – Pediatric Clinical Psychologist

Pediatric Eating Disorders
Psychological Assessment of Children and Adolescents

Donald McCurnin, M.D. – Pediatrics

Pulmonary Hypertension
Patent Ductus Arteriosus
Bronchopulmonary Dysplasia

Angela Mihalic, M.D.

General Pediatrics

Robert Minkes, M.D., Ph.D. – Surgery

Pediatric Surgery

General Pediatric Surgery Topics
Laparoscopic Pediatric Surgery
Minimally Invasive Pediatric Surgery
Advances in Pediatric Surgery
Neonatal Surgery
Abdominal Pain in Children
Surgical Treatment of Cutaneous Abscesses
Experiences at a Children’s Hospital During Hurrican Katrina

Kimberly Mulson, M.D.

General Pediatrics
Eneysis Pena, M.D. – Neonatology

- Neonatal Lung Disease
- Neonatal-Infant Feeding Disorders

Charles R. Rosenfeld, M.D. – OB & Gynecology/Anesthesia

Neonatology

- General Changes That Have Occurred in Neonatal Care and Intensive Care
- Changes in Neonatal Mortality
- Items Related to Neonatal Care for the Physician and Others
- Patent Ductus Arteriosus
- Diagnosis of Neonatal Infection
- Diagnosis and Treatment of Hypotension in the ELBW
- Assessment of Fetal Growth
- Mechanisms Regulating Placental Blood Flow in Pregnancy, etc.
- Regulation of Placental Blood Flow
- Regulation of Blood Pressure in the Neonate
- Maturational Changes in Vascular Smooth Muscle
- Other Aspects on NICU Care

Dorothy Sendelbach, M.D. – Newborn Medicine

- Newborn Care
- Breastfeeding
- SIDS Prevention

Deepa Sirsi, M.D., M.B.B.S. – Pediatrics

Pediatric Neurology and Epilepsy

- Seizures
- Epilepsy

Joel Steinberg, M.D.

- Childhood Obesity
- Pediatric Sleep Disorders

Tracey Wright, M.D. – Pediatric Rheumatologist

- Juvenile Arthritis
- Pediatric Lupus
Myra Wyckoff, M.D.

Newborn Resuscitation

Pharmacology

F. Kent Hamra, Ph.D. – Green Center For Reproductive Biology Sciences

Stem Cells

Mark Lehrman, Ph.D.

General Aspects of a Career in Basic Research
Personal Research has taken the depart into the study of a rare genetic disease

Elisabeth Martinez, Ph.D.

Cancer Drug Discovery
Epigenetics

Elliott Ross, Ph.D.

Cellular Communications
Cellular Signaling
Drug Receptors
Cellular Information Processing

Gurol Mehmet Suel, M.D., Ph.D.

Pharmacology

Philip Thorpe, Ph.D. – Simmons Comprehensive Cancer Center

Cancer

Anti-Vascular Therapies for Cancer, eg Anti-Angiogenesis

Yihong Wan, Ph.D.

Transcriptional Regulation of Development, Metabolism and Cancer by Nuclear Receptors Using the Skeleton and The Mammary Gland as Model Systems

Thomas Wilkie, Ph.D.

Pharmacology
Hongtao Yu, Ph.D.
Pharmacology

Phobias
Melanie Biggs, Ph.D. – Psychiatry
Panic Disorder/Panic Attacks

Physical Medicine & Rehabilitation
Thiru M. Annaswamy, M.D.
Physical Medicine B
Electrodiagnosis B
Disorders of Spine B
Exercise and Rehabilitation Principals B
Biomechanics of Gait B
Electrophysiology and Motor Control B

Vincent Gabriel, M.D.
Burns
Trauma B
Disability B

Research B

Lance Goetz, M.D.
Spinal Cord Injury
Sexuality and Disability B
Erectile Dysfunction B
Wheelchairs and Seating B
Pressure Ulcers B
Autonomic Dysreflexia: A Spinal Cord Injury Emergency B
Cervical Spondylosis B

Radha Holavanahalli, Ph.D.
Burn Injury Rehabilitation Research
Community Re-Integration L
Return to School for Burn Injury Survivors
Return to Work for Burn Injury Survivors
Social Interaction Skills Training for Burn Injury Survivors
Peer Support Training for Burn Survivors

Karen Kowalske, M.D.

Brain Injury Rehabilitation
Burn Rehabilitation
Stroke Rehabilitation

Benjamin Nguyen, M.D.

Traumatic Brain Injury
Mild Traumatic Brain Injury/Post-Concussion Syndrome
Spasticity Management

Kelly Scott, M.D.

Physical Medicine and Rehabilitation

Women’s Health Rehabilitation
Musculoskeletal Dysfunction in Pregnancy and Postpartum
Pelvic Pain and Pelvic Myofascial Dysfunction

Kavita Trivedi, D.O.

Spine Care and Pain Procedures

**Physiology**

Yi Liu, Ph.D.

Protein PTM Analysis using Mass Spectrometers

Why Mass Spectrometry is useful for Medical Research

Shmuel Muallem, Ph.D.

Cystic Fibrosis

Ca2+ signaling – (Disease-Mucolipidosis Type IV)
Epithelial Transport – (Disease-Cystic Fibrosis)

Joyce Repa, Ph.D.
Internal Medicine, Physiology
Alternative and Complementary Medicine

Abigail Soyombo-Shoola, Ph.D.

Mucolipidosis Type IV B
TRP ion Channels B
Lysosomal Storage Disease B

James Stull, Ph.D., Chair – Muscle Physiology

Skeletal and Smooth Muschle Contactions L

Jiang Wu, Ph.D.

Research Interest is Chromatin Regulation of Neural Development C

Sheng Ye, Ph.D.

Ion Channel Fundamental Properties C

Plastic Surgery

Jonathan Cheng, M.D.

Hand Surgery B
Microsurgery B
Peripheral Nerve Surgery B

Jim Edd Gilmore, M.D.

Facial Plastic and Cosmetic Surgery B

Jeffrey Janis, M.D.

Any Subject on Plastic Surgery B

Jeffrey Kenkel, M.D.

Breast Reconstruction B
Breast Surgery B
Cosmetic Surgery B
Laser Surgery B
Skin Care B

Joseph Leach, M.D.
Facial Cosmetic and Reconstructive Surgery

Rod Rohrich, M.D., Chair, Plastic Surgery, Cell Biology, Orthopaedics

Advances in Cosmetic Surgery
What’s New and What Works

Michel Saint-Cyr, M.D., F.R.C.S.(C)

Hand Surgery
Breast Reconstruction

Sumeet Teotia, M.D.

Plastic & Reconstructive Surgery
Pediatric Plastic Surgery Specialty When Traveling Around the World on Surgical Trip

Breast Reconstruction
Plastic Surgery Mission Trips Around the World
The Art and Science of Plastic Surgery
Transplantation Immunology
Classical Drawing Methods
State of Cosmetic Surgery
History of Drawing: From Caves to Canvas
Humanitarianism through Medicine
Xenotransplantation

James Thornton, M.D.

Facial Reconstruction

Poison Control
Nancy Kelly, M.D., M.P.H. – Pediatrics

Poison Prevention in Children
Use of Poison Control Center

Psychiatry

James Bibb, Ph.D. - Neuroscience

Neuroscience
Neuronal Signal Transduction
Learning and Memory
Neurodegenerative Disorders
Neurological Disorders
Neuropsychiatric Disorders
Drug Addiction
Tourette Disease
Stroke
Neurotoxicity
Schizophrenia
Aging

Anna Brandon, Ph.D. – Clinical Psychologist

Identification of Mood Disorders
Efficacious Psychotherapy Interventions
Non-Pharmacological Treatments for use During Pregnancy and Lactation
Partner-Support for Women Struggling with Depression During the Perinatal Period

Adam Brenner, M.D.

Psychotherapy

Karen Brewer, Ph.D. – Adult Clinical Neuropsychology

Cognitive Sequelae of Central Nervous System Disorders (such as brain injury, stroke, aneurysm, Alzheimer’s Disease and other dementias and Multiple sclerosis
Emotional and Behavioral Adaptation to one of Several Neurological Disorders
Caregiving

E. Sherwood Brown, M.D., Ph.D.

Effects of Corticosteroids on Mood and Memory
Depression in General Medical Conditions
Substance Abuse in Bipolar Disorder

Christine Castillo, Ph.D.

Pediatric Neuropsychology
School Functioning/Services for Children and Adolescents with Complex Medical Issues
Assessment and Evaluation of Internalizing and Externalizing Disorders And Appropriate Intervention Methods
Issues That Surround Specific Disorders – ADHD, Tourette’s, Brain Injury

Cynthia Claassen, Ph.D.

Suicide and Suicidal Behaviors
Connie Cornwell, MA, LPC, LMFT

Psychology

Bedside Manners  L
Interview a Family  L
How Family Issues Effect the Patient  L
How the Patient’s Disease Effects the Family  L

C. Munro Cullum, Ph.D. – Neurology

Clinical Neuropsychology

Evaluation of Human Cognitive Abilities (e.g. for assessing cognitive strengths and weaknesses; detecting abnormal changes in cognition, etc.)  B
Cognitive Testing in Neurologic Disorders Such as Dementia  B

Eliot deGravelles, M.D.

Comprehensive Treatment of Chronic Mental Illness in the 21st Century  B
Community Psychiatry (Psychiatry Housecalls)  B
Caring for a Family Member with Mental Illness  L

H. Monroe Evans, Ph.D. – Clinical Psychology

Attachment from Infancy to Adulthood  B
Sensitive Caregiving  B
Prenatal/Postpartum Depression  B
Adult Attachment Styles in Romantic, Supervisory, and Coaching Relationships  B
Minding the Brain: The Benefit of Sensitive Caregiving on the Developing Mind  B

Dwight German, Ph.D. – Neurodegenerative Diseases

Alzheimer and Parkinson Disease Research  B
Brain Abnormalities Associated with Depression  B

Subroto Ghose, M.B.B.S., Ph.D. – Clinical Sciences

Schizophrenia – Biological Basis for the Disease, Genetic and Environmental Contributors  B

Michael Gottlieb, Ph.D.

Ethics for Mental Health Professionals  C
Kevin F. Gray, M.D. – Neurology, Geriatric Neuropsychiatry

Alzheimer’s Disease  B
Dementia  B
Parkinson’s Disease (especially non-motor symptoms)  B
Lewy Body Dementia  B
Depression in Late Life  B

Robert Greene, M.D., Ph.D.

Neurobiology of PTSD and Relevant Animal Models of this Disease  B
Animal Models of Declarative Memory Dysfunction of Schizophrenia  B

Jamie A. Grollman, Ph.D. – Psychiatry

Chronic Medical Illnesses with Children

Oncology  B
Palliative Care  B
End of Life Issues  B
Cystic Fibrosis  B
Self-Care Issues for Medical Students, Trainees, and Physicians With Regard to Their Own Emotional Health in Dealing With Difficult Families, Grief and Loss  C

Jami N. Gross, Ph.D. – Psychiatry

Adult and Pediatric Health Psychology

Children Who Have or Will Undergo Solid Organ Transplant  B
Adherence to Treatment Regimens  B
Adjustment to Illness in Pediatrics  B
Physician-patient or Physician-family Communication  B
Psychological and Psychosocial Issues in Solid Organ Transplantation  B
General Pediatric Psychology (e.g. depression, anxiety, behavioral concerns in pediatric chronic illness)  B

Lana Harder, Ph.D.

Pediatric Neuropsychologist

Evaluations of Cognitive, Behavioral, and Emotional Functioning In Children with a Primary Medical Condition  B
Cognitive Effects of Cancer Treatment in Pediatric Populations  B
Cognitive Development of Children with Hearing Impairment and Cochlear Implants  B
Cognitive and Psychosocial functioning in Pediatric Patients with Muscular Dystrophy  
Transition to College for Students with Cognitive and/or Medical Conditions, Including Legal Aspects of this Transition and Services Available  

John Herman, Ph.D. – Pediatrics  
Sleep Research  
Sleep Medicine  

Avery Kathryn Hoenig, Ph.D. – Children’s Medical Center  
Pediatric Psychiatry  
Adolescent Suicide and Depression  
Autism  
Cognitive Behavior Therapy  

Celia Jenkins, M.D.  
Depression  
Anxiety  
End-of-Life Psychological Issues  
Psychopharmacology  
Psychiatric Illness Resulting from Medical Illness  
Medical Decision-Making Capacity  

Catherine Karni, M.D. – Pediatric Psychiatrist  
Autism  

Michael Kashner, Ph.D., J.D. – Health Economics, Health Services Research  
Cost-Effectiveness of Treatments for Mental Illness focusing on Depression  
Cost of Health Care in the US  

Libby Kay, M.S.S.W., L.C.S.W., A.C.S.W. – Division of Child/Adolescent Clinical Social Worker  
Issues Related to Children  
Teach Ethics  
Critical Incident Debriefing/Defusing with Disaster Related Incidents  
Recovery Work From Trauma
Urszula Kelley, M.D.

Eating Disorders B

Frank Kozel, M.D., M.S.C.R.

- Mood Disorders B
- Brain Stimulation B
- Treatments in Mood Disorders B
- Functional Imaging of Mood disorders B
- Functional Brain Imaging to Detect Deception B

Benji Kurian, M.D. – Psychiatry

Depression & Anxiety B

Dana Labat, Ph.D.

Eating Disorders in Childhood/Adolescence B

Mary Lazarus, Psy.C. – Psychiatry

Pediatric Sickle Cell

- Coping with Pain, Adherence, Psychosocial Issues Related to Chronic Illness L
- Anxiety Related to Medical Procedures for Children with Sickle Cell L

Deanna Liss, Ph.D. – Children’s Medical Center – Pediatric Clinical Psychiatry

- Pediatric Eating Disorders B
- Psychological Assessment of Children and Adolescents B

Shawn McClintock, Ph.D.

- Mood Disorders (particularly major depressive disorder) B
  - Neurocognitive Functioning B
  - Neurostimulation Therapies Including Electroconvulsive Therapy B
  - Transcranial Magnetic Stimulation B
  - Vagus Nerve Stimulation B
  - Magnetic Seizure Therapy B

Lisa Monteggia, Ph.D.

- Depression Research B
- Autism Spectrum Disorders B
David Morris, Ph.D.

Depression B
Epidemiology L
Recognition and Treatment (i.e. What is it?, How common is it?, What are the symptoms?, What are some ways to treat it?) L
Assessment (i.e. How to initially evaluate symptom severity and how to track treatment response.) C

Carol North, M.D.

Mental Health Aspects of Trauma C
Psychosocial Studies of the Homeless Population C

Andrew Pieper, M.D., Ph.D.

Psychiatry L

Ahmad Raza, M.B.B.S., Ph.D.

Psychiatry B

Gabriela Reed, Ph.D. – Psychiatry

Cognitive Behavior Therapy for Insomnia in Children L
Inflammatory Bowel Disease – Psychological Correlates and Their Treatment L
Constipation and Encopresis Treatment L

Wendy Ringe, Ph.D. - Clinical Psychology

Clinical Psychology B
Neuropsychology B
Neural systems Involve in Depresssion B
fMRI Research B

John Sadler, M.D. – Clinical Sciences

General Medical Ethics

End of Life Care B
Ethics Committees and Their Functions B
Physician Self-Regulation B
Cross-Cultural Issues B
Psychiatric Ethics/Philosophy of Psychiatry

Crime and Mental Illness B
Value Issues in Psychiatric Diagnosis B
Mental Illness and the Self B

Kirti Saxena, M.D.

Pediatric Bipolar Disorder – Diagnosis and Treatment B

David Self, Ph.D.

Psychiatry C

Mujeeb Shad, M.B.B.S.

Schizophrenia
   General Psychopharmacology B
   Drug-Drug Interactions B
   Cognitive Deficits in Schizophrenia and Their Treatment B

Geetha Shivakumar, M.B.B.S.

Psychiatry

Kathryn Sternweis, Ph.D. – Psychiatry

Treating Patients with Eating Disorders L

Suresh Sureddi, M.D.

Bipolar Disorder B

Carol Tamminga, M.D.

Schizophrenia B
   Psychosis B
   Human Brain Imaging B

George Trapp, M.D., J.D.

Psychiatry and Law B

Kathlene Trello-Rishel, M.D. – Psychiatry

Child and Adolescent Psychiatrist
ADHD
Recognizing Mental Illness in Children and Adolescents

Myron Weiner, M.D. – Neurology

Geriatric Psychiatry

- Treatment of Alzheimer's Disease
- Living with Alzheimer's Disease
- Treating Cognitive Symptoms of Alzheimer’s Disease
- Treating Behavioral Symptoms of AD
- Psychopharmacology of AD

Arthur Westover, M.D.

- Amphetamines and Methamphetamines

Crista Wetherington, Ph.D.

- Psychosocial Adjustment to Chronic Illness
- Early Childhood Development
- Parenting Techniques and Behavior Management Strategies
- Autism
- Parental Mental Health in NICU Families

Deborah Wiebe, Ph.D.

- Health Psychology, Behavioral Medicine and/or Pediatric Psychology
  - Psychosocial Aspects of Coping with Chronic Illness (looking at family issues related to managing diabetes during adolescence)

Alison Wilkinson, Ph.D.

- General Neuropsychology
  - High Functioning Autism
  - Asperger’s Disorder
  - Nonverbal Learning Disabilities

Kyle Womack, M.D. - Neurology

- Dementia
- Alzheimer’s Disease
- Frontotemporal Dementia
Dixie Woolston, Ph.D. – Psychiatry

Neuropsychology
fMRI of Executive Functioning
Neuropsychological Assessment of Hispanics

Tyler Wooten, M.D. – Pediatric Psychiatrist

Pediatric Eating Disorders

Public Affairs & Research Ethics

Suzanne Rivera, Ph.D. – Administration

Use of Human Subjects in Research
Use of Animals in Research
Research Involving Vulnerable Subject Populations
Social Inequality in Biomedical Research
Worker Protection: Care and “Use” of Employees Who Work With Animals

Pulmonary Medicine

Tony Babb, Ph.D. – Internal Medicine

Pulmonary & Critical Care Medicine

Exercise Breathing Response in Obesity
COPD Patients
Aged Individuals
Cardiopulmonary Exercise Testing
Control of Breathing During Exercise
Basic Exercise Physiology
Respiratory Physiology During Exercise

Craig Glazer, M.D., M.S.P.H. – Internal Medicine

Environmental & Pulmonary Medicine

Occupational and Environmental Lung Disease
Hypersensitivity Pneumonitis
Occupational Asthma
Asbestos Related Diseases
Pneumoconiosis
Granulomatous Disorders of the Lung

Daniel M. Goodenberger, M.D.
Hereditary Hemorrhagic Telangiectasia; Pulmonary Complications
And Support of Those with Neuromuscular Disease (ALS, Muscular
Dystrophies, etc.) Noninvasive Ventilation

Peter Luckett, M.D. – Pediatric Pulmonogist, Critical Care

  - Intensive Care
  - Pulmonary Complications of Neuromuscular Disease
  - Near Fatal Asthma
  - ARDS
  - Clinical Trials in Children
  - Sleep Medicine
  - Pulmonary Function Testing

Randall Rosenblatt, M.D. – Internal Medicine, Cardiovascular & Thoracic Surgery

  - Pulmonary Medicine
    - End Stage Lung Disease
    - Cystic Fibrosis
    - Lung Transplantation

Felix Shardonofsky, M.D. – Pediatrics

  - Pediatric Pulmonary Medicine

**Radiation Oncology**

Jessamy Boyd, M.D.

  - Cancer

Sandeep Burma, Ph.D.

  - DNA Damage Responses to Gamma Rays and Galactic Cosmic Rays

Ping-Chi Benjamin Chen, Ph.D. – Molecular Radiation Biology

  - DNA Double Strand Break Repair and Signaling Events

Hak Choy, M.D., Chair

  - Lung Cancer
  - Radiation Therapy
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Topic</th>
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| Ryan Foster, Ph.D.        | Radiation Oncology           | Therapeutic Radiological Physic平  
|                           |                              | Application of Physics To The Practice of Medicine                    |
|                           |                              | The Treatment of Cancer                                              |
| Frederick Hager, M.S.     | Clinical Physics             | Medical Physics in Radiation Oncology                                |
| Reinhard Kodym, M.D.      | Radiobiology/Radiation Oncology | Radiation Induced Signal Trasduction Events                       |
|                           |                              | Biological Foundation of Radiotherapy                                |
| Li Liu, Ph.D.             | Radiology                    | Molecular Imaging for Cancer                                         |
|                           |                              | Optical Imaging to Detect Gene Expression in Different Cancer Cell Line|
|                           |                              | And Animal Model                                                     |
| Paul Medin, Ph.D.         | Radiation Oncology           | Radiation Oncology Medical Physics                                   |
|                           |                              | Spinal Radiosurgery                                                  |
|                           |                              | Spinal Cord Dose Tolerance                                            |
| Elesyla Outlaw, M.D.      | Radiation Oncology           |                                                                           |
| Lech Papiez, Ph.D.        | Radiation Oncology           |                                                                           |
| Arnold Pompos, Ph.D.      | Radiation Oncology           |                                                                           |
Therapeutic Radiation Oncology

Michael Story, Ph.D.

Intrinsic Radiosensitivity

Genomic Analysis as a Predictor of Therapeutic Response  B
Radiation Exposures to Astronauts and Their Carcinogenic Risk  B

Robert Timmerman, M.D.

Stereotactic and Image Guided Radiation Therapy in Multiple-Organ Sites  C

Radiology

Jon Anderson, Ph.D. – Medical Physics & Radiation Physics

Positron Emission Tomography (technology, testing of scanners,  B
   design of appropriate facilities and radiation shielding for PET)
X-ray and gamma-ray shielding and safety practices in medical applications  B
Nuclear Medicine (technology and safety practices)  B
Radiation hazards and safety practices (x-ray and nuclear radiation)  B
Radiation safety and informed consent in medical studies involving the  B
   exposure of subjects to radiation
Computed Tomography (CT)  B

Cecelia Brewington, M.D. – General Medicine

Appropriate Radiologic Procedures for Problem Solving

Richard Briggs, Ph.D. – Internal Medicine

Research in Magnetic Resonance Neuroimaging Methods

   MRI, DTI, ASL, MRS and Integrated MRI-EEG  B
   (Techniques and Applications to Stroke, Alzheimer’s and Gulf War Illness)

Travis Browning, M.D. – Radiology

   Body Imaging  B
   Radiology Infomatics  B

Jeffrey Cadeddu, M.D. – Urology

   Kidney Cancer  C
Prostate Cancer
Eunsook Jin, Ph.D. – Advanced Imaging Research Center

Intermediary Metabolism  Magnetic Resonance Spectroscopy

Intermediary Metabolism in Liver and Systemic Metabolic Fluxes of Animal Models of Type 2 Diabetes Associated with Obesity

Shellie Josephs, M.D.

Interventional Oncology

Coronary Artery Disease CT Scan
Peripheral Vascular Disease CT Scan
Uterine Fibroid Embolization
Varicose Vein Treatment
Hemodialysis Access

Padmakar Kulkarni, Ph.D.

Medical Imaging in General

Nuclear Medicine Imaging

Ralph Mason, Ph.D.

Radiology

Dana Mathews, M.D., Ph.D. – Neurology

Nuclear Medicine
PET Imaging
Neurology Imaging

Michael Morriss, M.D. – Pediatric Neuroradiologist

Use of Neuroimaging in Pediatric Development & Trauma

Lucien Nedzi, M.D. – Radiation Oncology

Brain Tumors & Stereotactic Techniques in Radiation Therapy

Primary Brain Tumors
Optimal Management of Metastatic Disease to the Brain
Stereotactic Radiosurgery for Primary Brain Tumors
Stereotactic Body Radiation Therapy (SBRT)
Lech Papiez, Ph.D. – Radiation Oncology

Physiology

General Treatments in Radiation Therapy  L
New Technology in Radiation Therapy  L
Development of New Technology in Radiation Therapy  B
New Treatment Techniques in Radiation Therapy  B

Marcia Pritchard, M.D.

Neonatal Radiology

Head Ultrasound Evaluation in the Preterm and Term Infant  B
Neonatal Lung Diseases  B
Complications of Premature Infants  B

Jimin Ren, Ph.D. – Advanced Imaging Research Center

Metabolic Imaging of Calf Muscles and Liver using MRI  B

Nancy K. Rollins, M.D. - Pediatrics

Pediatric Radiology

Imaging the Brain of Infants and Children Using New MR Techniques  B
Studying the Brains of Children in Normal and Disease States  B
Developmental Problems Such as Dyslexia.  B

Mohammad Sarwar, M.D.

Radiology  B

Dean Sherry, Ph.D. – Advanced Imaging Research Center

Molecular Imaging  L

Michael Story, Ph.D. – Radiation Oncology

Intrinsic Radiosensitivity

Genomic Analysis as a Predictor of Therapeutic Response  B
Radiation Exposures to Astronauts and Their Carcinogenic Risk  B

Lidia Szczepaniak, Ph.D. – Internal Medicine, Radiology
Lipotoxic Heart Disease
Fatty Liver

Masaya Takahashi, Ph.D. – Advanced Imaging Research Center

MR Imaging
  MR Microscopy in in vivo Small Animals
  Brain and Lunch Imaging

Seth Toomay, M.D. – Radiology

Interventional Radiology

Clayton Trimmer, D.O.

Interventional Radiology
  Cancer Therapy
  CTAngiography and MR Angiography
  Temporary IVC Filters

Diane Twickler, M.D. – Obstetrics & Gynecology

Current Trends in Imaging of the Fetus

Zhlyue “Jerry” Wang, Ph.D. – Radiology

Magnetic Resonance Imaging Physics
  MR Spectroscopy of Metabolitic Diseases
  Lipid Metabolism
  MR Imaging of Iron Overload
  Functional MRI of the Brain
  Diffusion Tensor Imaging

Anthony Whittemore, M.D., Ph.D.

Neuroradiology
  MRI
  Brain Perfusion

Qing Yuan, Ph.D.
MRI

Dawen Zhao, M.D., Ph.D.

Imaging of Preclinical Tumor Pathophysiology

Rheumatology

David Minna, M.D.

Rheumatology and Osteoporosis
Marilynn Punaro, M.D. – Pediatrics

Childhood Arthritis
Lupus
Dermatomyositis

Tianfu Wu, Ph.D. – Internal Medicine

Biomarker Discovery in Lupus and Lupus Nephritis
Signaling Pathways in Lupus Mouse Models

Sickle Cell Disease

George R. Buchanan, M.D. – Pediatrics

Sickle Cell Disease

Michael M. Dowling, M.D., Ph.D. – Neurology, Pediatrics

Neurologic Complications of Sickle Cell Disease
Stroke in Sickle Cell Disease

Charles Quinn, M.D. – Pediatrics

Sickle Cell Disease

Zora R. Rogers, M.D. – Pediatrics

Sickle Cell Disease in Pediatrics: Diagnosis, Management, New Treatments

Smoking Cessation

David Balis, M.D. – Internal Medicine

Smoking Cessation
Melanie Biggs, Ph.D. – Psychiatry

Treatment Package

**Stress Management**

Melanie Biggs, Ph.D. – Psychiatry

**Stroke**

James Bibb, Ph.D. – Neuroscience

Stroke

Michael M. Dowling, M.D., Ph.D. – Neurology, Pediatrics

Stroke in Children
Stroke in Sickle Cell Disease

Mark Johnson, M.D.

Vascular Neurology

Stroke

Duke Samson, M.D.

Stroke
Neurosurgery

Jonathan White, M.D.

Stroke
Neurosurgery

Wengui Yu, M.D., Ph.D. – Neurology

Neurological Care & Stroke

“Neurocritical Care: Brain Resuscitation in 21st Century”
“Current Management of Subarachnoid Hemorrhage”
“Treatment of Acute Stroke”
“Contemporary Management of Intracerebral Hemorrhage”

By Topic / Printed 04/20/09
Surgery

Brian T. Bethea, M.D. – Cardiovascular & Thoracic Surgery

Heart Surgery

Ventricular Assist Devices B
Aortic Root Surgery B

Dev M. Desai, M.D., Ph.D., F.A.C.S. – Surgery

Adult and Pediatric Liver B
Kidney and Pancreas Transplantation B
Immunosuppressive Therapy B
Immune Tolerance and Clinical Immunology as it Pertains to Transplantation B

Robert Eberhart, Ph.D. – Engineering in Surgery

Bioengineering in Medicine and Surgery

Neuroengineering L
Advances in Stent Technology L
Nanoscale Medical Devices L
Biomaterials and Biocompatibility L

Christine Porter Ellis, D.D.S. – Orthodontist

Adult Orthodontics B
Surgical Orthodontics B
Multidisciplinary Treatment (Multiple Dental Specialties) B

Edward Ellis, D.D.S.- Oral and Maxillofacial Surgery

Surgical Correction of Jaw Deformities (Orthognathic Surgery) B
Dental Implants B
Bone Grafts B
Facial Injuries B

Nilda Garcia, M.D. – Pediatric Surgery

Anorectal Malformations B
Trauma in Children B

Barry Hicks, M.D. – Pediatrics

By Topic / Printed 04/20/09
Pediatric Surgery

Jiwon Lee, M.D. – Surgery

John C. Mansour, M.D. – Surgery

Gastrointestinal Surgical Oncology

- Gastric Cancer
- Pancreas Cancer
- Cystic Neoplasms of the Pancreas
- Duodenal Cancer
- Periampullary Cancers
- Liver Cancer
- Biliary Cancer
- Liver Metastases
- Colorectal Metastases
- Colon Cancer
- Gastrointestinal Stromal Tumors (GIST)
- Interpreting Response to Preoperative Surgery
- Individualized Cancer Care

Robert Minkes, M.D., Ph.D. – Surgery

Pediatric Surgery

- General Pediatric Surgery Topics
- Laparoscopic Pediatric Surgery
- Minimally Invasive Pediatric Surgery
- Advances in Pediatric Surgery
- Neonatal Surgery
- Abdominal Pain in Children
- Surgical Treatment of Cutaneous Abscesses
- Experience at a Children’s Hospital During Hurrican Katrina

John Pillow, M.D. – Surgery

- Emergency Medicine
- Medical Director Activities in EM

David Schindel, M.D. - Pediatrics

- Pediatric Surgery
Kathia Steel, D.D.S., M.S. – Prosthodontics

Oral Rehabilitation After Trauma to The Oral Cavity
Pre and Post Cancer Treatment Dental Care and Rehabilitation
Dental Implant Treatment of the Partially and Completely Edentulous Patient
Full Mouth Rehabilitation for the Mutilated and/or Worn Down Dentition
Oral Rehabilitation of Patients with Caraniofacial Defects

James Valentine, M.D.

General Surgery

Michael VanPelt, D.P.M. – Podiatry

Foot and Ankle Surgery

John Zuniga, D.M.D., Ph.D. – Oral and Maxillofacial Surgery

Chronic and Acute Facial Pain
Temporomandibular Joint Disorders
Trigeminal Nerve Sensory Disorders

Endocrine Surgery, Gastroenterology

Shelby Holt, M.D.

Thyroid
Parathyroid

Ohwofiemu (Fiemu) Nwariaku, M.D., F.A.C.S., F.W.A.C.S.

Adrenal Disease
ParaThroid Diseases
Thyroid Diseases
Pancreatic Diseases
Endocrine Surgery

Mark Watson, M.D. – Surgery/GI Endocrine

Gastroesophageal Reflux
Laparoscopic Hernia Repair
Laparoscopic Common Bile Duct Exploration
Laparoscopic Gastric Banding/Weight Loss Surgery
Laparoscopic Appendectomy
Surgical Simulation Training
Hernia Repair for Either
**Bariatric Surgery, Gastroenterology**

Edward Livingston, M.D., F.A.C.S. – Gastrointestinal and Endocrine

- Bariatric Surgery B
- Obesity Management B
- Pancreas Disorders B
- Appendicitis – What is new? B
- Biliary Tract Injury – Avoidance and Repair B
- Cholecystectomy – Indications and Utility of Intraoperative Cholangiography B

**Transplantation**

Meelie DebRoy, M.D. – Surgery

- Abdominal Transplant Surgery (Liver, Kidney, Pancreas)
  - Organ Donation B
  - Organ Transplantation B

Dev M. Desai, M.D., Ph.D., F.A.C.S. – Surgery

- Adult and Pediatric Liver B
- Kidney and Pancreas Transplantation B
- Immunosuppressive Therapy B
- Immune Tolerance and Clinical Immunology as it Pertains to Transplantation B

Dan M. Meyer, M.D. – Surgery, Cardiovascular & Thoracic

- Heart Transplantation C
- Lung Transplantation C
- Transplantation Issues L

**Urology**

Linda Baker, M.D. – Pediatric Urology

- Birth Defects of the Genitourinary Tract L
- Undescended Testicle C
- Urinary Tract Infections C

Jeffrey Cadeddu, M.D. – Radiology, Surgery
Endourologic Management of Stone Disease  
Kidney Cancer  
Laparoscopic Donor Nephrectomy  
Laparoscopic Nephrectomy for Benign & Malignant Disease  
Laparoscopy in Urology  
Prostate Cancer and PSA Testing  

Gary Lemack, M.D.  
Treatment of Urinary Incontinence  
Overactive Bladder  
Bladder Disorders in Neurological Disease (MS, Spinal Cord Injury, Stroke)  
Pelvic Prolapse  

Joseph Schaffer, M.D. – Obstetrics & Gynecology, Urogynecology  
Female Urinary Incontinence  
Pelvic Organ Prolapse  

Warren T. Snodgrass, M.D. – Pediatric Urology  
Hypospadias Repair  

Philippe Zimmern, M.D.  
Urinary Incontinence in Women and Men  
Pelvic Organ Prolapse in Women  
Bladder Dysfunction  

Wellness  
Mark DeHaven, Ph.D.  
Community Based Participatory Research (DBPR)  
Health Disparities  
Faith-Health Collaborative Models  
Minority Health  
Population Medicine  
Social Determinants of Health  

Nora Gimpel, M.D.  
Community Research/Collaboration  

Manjula Julka, M.B.B.S.
Disease Prevention Guidelines
Chronic Disease Management from Primary Care Perspective
  Like Hypertension, High Cholesterol and Diabetes

Karen E. Meador, M.D. – Pediatric

Nutrition and Lifestyle Issues
Chronic Disease Prevention Through Ideal Habits Early in Life
Establishing Healthful Plant-Based (Vegetarian) Diet for Adults and Children
Eating Disorders