Addiction

Bryon Adinoff, M.D.

Addiction
Alcohol or Cocaine Addiction
Biology of Addiction

James Bibb, Ph.D. – Psychiatry, Neuroscience

Drug Addiction

Carlos Tirado, M.D. – Psychiatry

Treatment of Addiction

Allergy-Immunology

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

Primary Immunodeficiency Diseases

Todd Eager, Ph.D.

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

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

Allergy-Immunology

Allergic Rhinitis/Asthma

David Khan, M.D. – Internal Medicine

Allergy & Immunology

Allergic Rhinitis
Anaphylaxis
Asthma
Drug Allergy
Urticaria

William Neaville, M.D. – Pediatrics, Internal Medicine
Asthma, Allergy & Immunology

Anesthesiology & Pain Management

Adebola Adesanya, M.D.

Critical Illness in the Perioperative Period

Owen Davenport, M.D.

Anesthesiology
Post-Operative Pain Management

Seval Gunes, M.D.

Regional Anesthesia
Interventional Chronic Pain Management
Cancer Pain Management

Gary Hill, M.D.

Anesthesiology & Pain Management

Chandramouli Iyer, M.D.

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

Frank Kern, M.D.

Anesthesiology and Pain Management

Dawood Nasir, M.B.B.S.

Back Pain and It’s Management
Headache Pain
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  L
Lessons learned in the Sichuan Earthquake in 2008

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.

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

<table>
<thead>
<tr>
<th>Topic</th>
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<tbody>
<tr>
<td>Interventional Pain Management</td>
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<td>Anesthesiology</td>
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**Bariatrics**

Magda Hennes – Internal Medicine

<table>
<thead>
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<th>Topic</th>
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<tbody>
<tr>
<td>Medical Weight Management</td>
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**Bariatric Surgery**

Sergio Huerta, M.D. – Veterans Administration

<table>
<thead>
<tr>
<th>Topic</th>
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<tbody>
<tr>
<td>Bariatric Surgery</td>
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<tr>
<td>Medical Management of Obesity</td>
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**Biochemistry**

Dominika Borek, Ph.D.

<table>
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<tr>
<th>Topic</th>
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<tbody>
<tr>
<td>Macromolecular Crystallography</td>
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<tr>
<td>X-ray Diffraction to Explain Molecular Bases of Biochemical Reactions</td>
<td>B</td>
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</tbody>
</table>
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  B
Skeletal Muscle during Development, Growth, Adaptation and Disease  B

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

Obesity and Diabetes  B

Michael Haberland, M.D.

Epigenetics  B

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

Protein Biochemistry

Protein Post-Translational Modification  B

Steven Kliewer, Ph.D. – Pharmacology

Nuclear Receptors in Lipid and Xenobiotic Metabolism  B

Bing Li, Ph.D. – Molecular Biology

Chromatin Dynamics and Transcription Regulations  C
Epigenetic Control of Transcription Through Chromatin  C

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

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

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

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

Neural Stem Cells

Their Importance in Brain Formation, Regeneration, and Cognition C

Hui Zou, Ph.D.

Regulation of Chromosome Stability C

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
<table>
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<td>Cancer Genetics</td>
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<td>David E. Gerber, M.D. – Internal Medicine</td>
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<td>Lung Cancer</td>
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<td>Targeted Therapy Topics for Primary Care Physicians</td>
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<td>Paul Harker-Murray, M.D., Ph.D. – Pediatric Hematology, Oncology</td>
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<td>All Issues in Oncology</td>
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<td>Sergio Huerta, M.D. – Veterans Administration</td>
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<td>Colon Cancer</td>
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<td>Rectal Cancer</td>
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<td>Randall Hughes, M.D. – Internal Medicine, Hematology/Oncology</td>
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<td>Cancer</td>
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<td>Review of Lung Cancer</td>
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<td>Screening for Lung Cancer with CT Scans</td>
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<td>James F. Huth, M.D. – Surgery</td>
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<td>Cancer</td>
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<td>Any Topic in Oncology Surgery</td>
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<td>Breast Cancer</td>
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<td>Liver Cancer</td>
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<td>Melanoma</td>
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<td>Pancreatic Cancer</td>
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<td>Sarcomas</td>
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<td>Stomach Cancer</td>
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<td>Patrick Leavey, M.D. – Pediatrics</td>
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<td>Pediatric Oncology</td>
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<td>Bone Sarcomas</td>
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<td>Soft Tissue Sarcomas</td>
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<td>Childhood Cancer</td>
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<td>Medical Emergencies in Childhood Cancer</td>
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<td>Pain Management in Children with Cancer</td>
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By Topic / Printed 04/20/09
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
Bile Duct and Gallbladder Cancer
Pancreatic Cysts
Angiogenesis Treatment of GI Cancers

Nima Sharifi, M.D. – Internal Medicine

Prostate Cancer

Prostate Cancer
Hormonal Therapy
Androgens

Jayaprakash Sreenarasimhaiah, M.D. – Internal Medicine

Gastroenterology

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

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

Cancer

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

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

Cancer

Anti-Vascular Therapies for Cancer, eg Anti-Angiogenesis

Michael Ulissey, M.D. – Radiology

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

Medical Oncology

Colon Cancer

Naomi Winick, M.D. – Pediatrics

Leukemia

Jian Zhou, Ph.D.

Signal Transduction Prostate Cancer

Cell Permeable Protein; The Biology and Its Application

Child Abuse and Neglect

Matthew Cox, M.D. – Pediatrics

General Pediatrics

Child Abuse and Neglect

Clinical Sciences

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

Psychometrics

Making Up Scales for Use in Medicine

Alan Elliott, M.B.A. – Surgery

Clinical Sciences & Surgery

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

Adverse Drug Events

Drug Interactions

Drub Metabolism

Linda Hynan, Ph.D. – Psychiatry

Biostatistician

Biostatistics
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 Xin, 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

By Topic / Printed 04/20/09
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
Common and Uncommon Mucosal Diseases

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 B
    Rescue and Law Enforcement Resources

Kurt C. Kleinschmidt, M.D. – Surgery

  Acute Coronary Syndromes (Myocardial Infraction, 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
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 B

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

Epilepsy After Traumatic Brain Injury B
New Antiepileptic Drugs C

New Topics on Epilepsy Research L
Temporal Lobe Epilepsy C

Rana Said, M.B.B.S. – Pediatric Neurology

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

Family Medicine

Bruce Elliston, M.D.

Preventive Medicine and Screening Tests C
Occupational Medicine: An Overview C

Scott Kinkade, M.D.

Family Medicine C

Rabia Malik, M.D.

Geriatrician and Family Practice

Geriatrics B

Dan Sepdham, M.D.

Primary Care Topics L

Amer Shakil, M.D.

Family & Community Medicine B

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

Linda Feagins, M.D. – Internal Medicine

Gastroenterology

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

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

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

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

GI

Irritable Bowel Syndrome B
Colon Cancer Screening B

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

Gastroenterology and Pancreatotology

Autoimmune Pancreatitis B
Acute and Chronic Pancreatitis B
Pancreas Cysts B
Acute GI Bleeding B
Obscure and Occult GI Bleeding B

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

Intestinal Disease and Transplant B
Pediatric Liver Disease
Liver Transplant

Ashish Patel, M.D. – Pediatric Gastroenterologist

Pediatric Inflammatory Bowel Disease

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

GI/Digestion

GI Bleeding
Colon Cancer
Virtual Colonoscopy

Claus G. Roehrborn, M.D., Urology

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

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

Pediatric Gastroenterology/Nutrition

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

Gastroenterology

Jayaprakash Sreenarasimhaiah, M.D. – Internal Medicine

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

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
   Cardiac Arrhythmias
   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
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 Vicioso, 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 Therap for ST Elevation MI  
Myocardial Infraction 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  

By Topic / Printed 04/20/09
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 Heart Disease in Pediatric Patients

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

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

Anatipholipid 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
Sickle Cell Disease in Pediatrics: Diagnosis, Management, New Treatments
Bone Marrow Failure Syndromes Congenital and Acquired
Clinical Research in Pediatric Patients
General Pediatric Hematology: Anemia, Thrombocytopenia, Neutropenia et al
Transfusion Medicine in 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

Chloestatic 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
Discussion of Advance Directives
Basic Pain Management
Symptom Management
Attention of Psychosocial Aspects of Death and Dying

John Sadler, M.D. – Clinical Sciences

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

Immunology

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

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

Felix Yarovinsky, M.D. – Immunology

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

Infectious Disease

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

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

Roger Bedimo, M.D. – Internal Medicine
Infectious Diseases – HIV
Central Nervous System
Skin and Soft Tissue Infections

Stanley X. Cal, M.D. – Internal Medicine
HIV/AIDS

Susan M. Cox, M.D. – Obstetrics & Gynecology, Maternal-Fetal Medicine
Preterm Labor
Infection and Preterm Labor
Urinary Tract Infections in Pregnancy

Shaili Gupta, M.B.B.S. – Internal Medicine
HIV and Viral Hepatitis (HBV and HCV)
HIV-viral Hepatitis Coinfections

Jula Inrig, M.D. – Internal Medicine
Chronic Kidney Disease
Microscopic Hematuria and Trace Proteinuria
Acid-Base Balance
Acute Kidney Injury
Hypertension in Edn-state Renal Disease
Frequent Hemodialysis
Calcium and Phosphorus in Kidney Disease

Mamta Jain, M.D. – Internal Medicine
HIV
Viral Hepatitis
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 Tropial 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 C
Infection Control in Hospitals C
Hand Hygiene C
Healthcare Epidemiology C

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

Obstetrics and Gynecology & High-Risk Pregnancies

Obstetrics B
Infectious Diseases in Pregnancy B
HIV in Pregnancy B
Sexually Transmitted Diseases B

Kidney Disease

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

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

Amy Becker, M.D. – Pediatric Nephrology

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

Peter Igarashi, M.D.

Polycystic Kidney Disease B

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

Clinical Pediatric Nephrology B
Kidney Development and Regeneration in Basic Science Research B
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, Hypermatremia, 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

Jonathan White, M.D.

Brain

Neuroanatomy
Trauma
Stroke
Aneurysms
AVM
Face Pain
Hydrocephalus
Resident Training

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”

Neurology

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

Molecular Biology of Brain Tumors

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

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
Gregory Carter, M.D., Ph.D.

Sleep Medicine

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

Scott Davis, Ph.D.

Multiple Sclerosis

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

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

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

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

Todd Eagar, Ph.D.

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

Jeffrey Elliott, M.D.

Amyotrophic Lateral Sclerosis (Lou Gehrigs Disease)

Elliot M. Frohman, M.D. – Ophthalmology

Neurology

Multiple Sclerosis
Brain and Behavior
History of Medicine

Ophthalmology
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 (Ducic’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 B
Epilepsy B

Nancy Monson, Ph.D.

Immunology B
Autoimmunity B
Multiple Sclerosis B
B Lymphocytes B

Padraig O’Suilleabhain, M.D.

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

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

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

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

Basic Mechanisms of Learning and Memory B
Genetic Mouse Models of Autism B

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

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

Roger Rosenberg, M.D. – Physiology

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

Rana Said, M.B.B.S. – Pediatrics

Epilepsy
Brain Malformations
Tuberous Sclerosis
Ketogenic Diet Including Seizure Medication

Anjali Shah, M.D., - Physiology

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

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

Neuropathy
Motor Neuron Disease

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

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

Gil I. Wolfe, M.D.

Neuromuscular Disorders & Electromyography

Peripheral Neuropathy
Myasthenia Gravis
Muscular Dystrophy

Kyle Womack, M.D. – Psychiatry

Dementia
Alzheimer’s Disease
Frontotemporal Dementia

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

Neurocritical Care and Stroke

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

Obstetrics & Gynecology

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

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

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

Obstetrics (topics related to Obstetrics)

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 Zaretsky, 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

By Topic / Printed 04/20/09
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

Ophthalmology

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 And Auditory System C
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
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
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
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
Laure 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
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  B
Neonatal-Infant Feeding Disorders  B

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

Neonatology

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

Dorothy Sendelbach, M.D. – Newborn Medicine

Newborn Care  B
Breastfeeding  B
SIDS Prevention  B

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

Pediatric Neurology and Epilepsy

Seizures  B
Epilepsy  B

Joel Steinberg, M.D.

Childhood Obesity  L
Pediatric Sleep Disorders  L

Tracey Wright, M.D. – Pediatric Rheumatologist

Juvenile Arthritis  B
Pediatric Lupus  B
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
Electrodiagnosis
Disorders of Spine
Exercise and Rehabilitation Principals
Biomechanics of Gait
Electrophysiology and Motor Control

Vincent Gabriel, M.D.

Burns

Trauma
Disability

Research

Lance Goetz, M.D.

Spinal Cord Injury

Sexuality and Disability
Erectile Dysfunction
Wheelchairs and Seating
Pressure Ulcers
Autonomic Dysreflexia: A Spinal Cord Injury Emergency
Cervical Spondylosis

Radha Holavanahalli, Ph.D.

Burn Injury Rehabilitation Research

Community Re-Integration
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 B
Alternative and Complementary Medicine B

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

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.)
Cognitive Testing in Neurologic Disorders Such as Dementia

Eliot deGravelles, M.D.

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

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

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

Dwight German, Ph.D. – Neurodegenerative Diseases

Alzheimer and Parkinson Disease Research
Brain Abnormalities Associated with Depression

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

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

Michael Gottlieb, Ph.D.

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

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

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

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

Jamie A. Grollman, Ph.D. – Psychiatry

Chronic Medical Illnesses with Children

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

Jami N. Gross, Ph.D. – Psychiatry

Adult and Pediatric Health Psychology

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

Lana Harder, Ph.D.

Pediatric Neuropsychologist

- Evaluations of Cognitive, Behavioral, and Emotional Functioning In Children with a Primary Medical Condition
- Cognitive Effects of Cancer Treatment in Pediatric Populations
- Cognitive Development of Children with Hearing Impairment and Cochlear Implants

By Topic / Printed 04/20/09
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 Diasaster Related Incidents
Recovery Work From Trauma
Urszula Kelley, M.D.

Eating Disorders

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

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

Benji Kurian, M.D. – Psychiatry

Depression & Anxiety

Dana Labat, Ph.D.

Eating Disorders in Childhood/Adolescence

Mary Lazarus, Psy.C. – Psychiatry

Pediatric Sickle Cell

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

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

Pediatric Eating Disorders
Psychological Assessment of Children and Adolescents

Shawn McClintock, Ph.D.

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

Lisa Monteggia, Ph.D.

Depression Research
Autism Spectrum Disorders

By Topic / Printed 04/20/09
David Morris, Ph.D.

- Depression
- Epidemiology
- 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.)

Carol North, M.D.

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

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

- Psychiatry

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

- Psychiatry

Gabriela Reed, Ph.D. – Psychiatry

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

Wendy Ringe, Ph.D.- Clinical Psychology

- Clinical Psychology
- Neuropsychology
- Neural sytems Involve in Depresssion
- fMRI Research

John Sadler, M.D. – Clinical Sciences

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

By Topic / Printed 04/20/09
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 Pulmonologist, 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
Ryan Foster, Ph.D. – Radiation Oncology

  Therapeutic Radiological Physicist
  Application of Physics To The Practice of Medicine B
  The Treatment of Cancer B

Frederick Hager, M.S. – Clinical Physics

  Medical Physics in Radiation Oncology L

Reinhard Kodym, M.D.

  Radiobiology/Radiation Oncology
  Radiation Induced Signal Trasduction Events C
  Biological Foundation of Radiotherapy B

Li Liu, Ph.D. – Radioloty

  Molecular Imaging for Cancer
  Optical Imaging to Detect Gene Expression in Different Cancer Cell Line And Animal Model B

Paul Medin, Ph.D. – Radiation Oncology

  Radiation Oncology Medical Physics
  Spinal Radiosurgery B
  Spinal Cord Dose Tolerance B

Elesyla Outlaw, M.D. – Radiation Oncology

  Radiation Oncology B

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

Arnold Pompos, Ph.D.

  Radiation Oncology
Therapeutic Radiation Oncology

Michael Story, Ph.D.

Intrinsic Radiosensitivity

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

Robert Timmerman, M.D.

Stereotactic and Image Guided Radiation Therapy in Multiple-Organ Sites

Radiology

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

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

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 (Techniques and Applications to Stroke, Alzheimer’s and Gulf War Illness)

Travis Browning, M.D. – Radiology

Body Imaging
Radiology Infomatics

Jeffrey Cadeddu, M.D. – Urology

Kidney Cancer
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

<table>
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<tr>
<th>Topic</th>
<th>Level</th>
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<tbody>
<tr>
<td>General Treatments in Radiation Therapy</td>
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<tr>
<td>New Technology in Radiation Therapy</td>
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<tr>
<td>Development of New Technology in Radiation Therapy</td>
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<tr>
<td>New Treatment Techniques in Radiation Therapy</td>
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Marcia Pritchard, M.D.

Neonatal Radiology

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<th>Topic</th>
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<tbody>
<tr>
<td>Head Ultrasound Evaluation in the Preterm and Term Infant</td>
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<tr>
<td>Neonatal Lung Diseases</td>
<td>B</td>
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<tr>
<td>Complications of Premature Infants</td>
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Jimin Ren, Ph.D. – Advanced Imaging Research Center

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<tbody>
<tr>
<td>Metabolic Imaging of Calf Muscles and Liver using MRI</td>
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Nancy K. Rollins, M.D. - Pediatrics

Pediatric Radiology

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<th>Topic</th>
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<tbody>
<tr>
<td>Imaging the Brain of Infants and Children Using New MR Techniques</td>
<td>B</td>
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<tr>
<td>Studying the Brains of Children in Normal and Disease States</td>
<td>B</td>
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<tr>
<td>Developmental Problems Such as Dyslexia.</td>
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Mohammad Sarwar, M.D.

Radiology

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

Molecular Imaging

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Michael Story, Ph.D. – Radiation Oncology

Intrinsic Radiosensitivity

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<td>Genomic Analysis as a Predictor of Therapeutic Response</td>
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<tr>
<td>Radiation Exposures to Astronauts and Their Carcinogenic Risk</td>
<td>B</td>
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Lidia Szczepaniak, Ph.D. – Internal Medicine, Radiology

By Topic / Printed 04/20/09
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 Metabollic 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”
Surgery

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

Heart Surgery

Ventricular Assist Devices
Aortic Root Surgery

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

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

Robert Eberhart, Ph.D. – Engineering in Surgery

Bioengineering in Medicine and Surgery

Neuroengineering
Advances in Stent Technology
Nanoscale Medical Devices
Biomaterials and Biocompatibility

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

Adult Orthodontics
Surgical Orthodontics
Multidisciplinary Treatment (Multiple Dental Specialties)

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

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

Nilda Garcia, M.D. – Pediatric Surgery

Anorectal Malformations
Trauma in Children

Barry Hicks, M.D. – Pediatrics
Pediatric Surgery

Jiwon Lee, M.D. – Surgery

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
Parathyroid 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) B
  - 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