

**OFFICE OF PUBLIC EDUCATION  
CME SPEAKERS DIRECTORY**

**(Alphabetically by Topic)**

KEY:

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

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**Addiction**

Bryon Adinoff, M.D.

Addiction	B
Alcohol or Cocaine Addiction	C
Biology of Addiction	C

James Bibb, Ph.D. – Psychiatry, Neuroscience

Drug Addiction	B
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Carlos Tirado, M.D. – Psychiatry

Treatment of Addiction	B
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**Allergy-Immunology**

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

Primary Immunodeficiency Diseases	B
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Todd Eager, Ph.D.

T-Cell Immunology (as it relates to autoimmune disease)	B
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Rebecca Gruchalla, M.D., Ph.D. – Internal Medicine, Allergy

Allergy-Immunology	
Allergic Rhinitis/Asthma	C

David Khan, M.D. – Internal Medicine

Allergy & Immunology	
Allergic Rhinitis	C

Anaphylaxis	C
Asthma	C
Drug Allergy	C
Urticaria	C

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

Asthma, Allergy & Immunology	C
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## **Anesthesiology & Pain Management**

Adebola Adesanya, M.D.

Critical Illness in the Perioperative Period	B
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Owen Davenport, M.D.

Anesthesiology	B
Post-Operative Pain Management	B

Seval Gunes, M.D.

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

Gary Hill, M.D.

Anesthesiology & Pain Management	C
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Chandramouli Iyer, M.D.

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

Frank Kern, M.D.

Anesthesiology and Pain Management	B
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Dawood Nasir, M.B.B.S.

Back Pain and It's Management	C
Headache Pain	C

Babatunde Ogunnaike, M.D.

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

Adnan Rafique, M.D.

Smoking Cessation Before Surgery	L
Post Op Pain Management	L

Vance Shearer, M.D.

Lectures on Airways	B
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Paul Sheeran, M.D. – Pediatrics

Pediatric Anesthesiology & Pain	C
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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
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Prabhav Tella, M.D., M.P.H.

Chronic Pain	B
Interventional Pain Management	B

Faping Tu, M.D.

On-Site Anesthesia and Surgery in Natural Disaster Lessons learned in the Sichuan Earthquake in 2008	L
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Donald Wallace, M.B.B.S.

History of Obstetric Anesthesia	L
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Decade of Advances in Obstetric Anesthesia Research at UTSW C

Paul F. White, M.D.

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

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

Interventional Pain Management B  
Anesthesiology B

## **Bariatrics**

Magda Hennes – Internal Medicine

Medical Weight Management L

## **Bariatric Surgery**

Sergio Huerta, M.D. – Veterans Administration

Bariatric Surgery B  
Medical Management of Obesity L

## **Biochemistry**

Dominika Borek, Ph.D.

Macromolecular Crystallography

X-ray Diffraction to Explain Molecular Bases of Biochemical Reactions B

Richard Bruick, Ph.D.	
Biochemical Pathways Underlying the Cellular Response to Hypoxia (low oxygen), Relevant to Cancer and Ischemia	B
Chuo Chen, Ph.D.	
Organic Chemistry	C
Zheng Chen, Ph.D. – Biochemistry	
Biological Rhythms	L
Circadian Clock and Metabolic Cycle	L
David Corey, Ph.D. – Biochemistry	
Development of Nuclei Acids as Laboratory Tools and Pharmaceutical Agents Controlling Gene Epression in Cells	B
Jef De Brabander, Ph.D.	
Organic Chemistry	B
Kevin Gardner, Ph.D. – Pharmacology	
Structural Biology	
Biochemistry	L
Biophysics / Structural Biology	L
Cell Signaling	L
Harold Garner, Ph.D. – McDermott Center for Human Growth, Internal Medicine	
Computational Biology/Bioinformatics	
Genomics and the Human Genome Project	B
Scientific Ethics	B
Biomedical Instrumentation	B
Drug Discovery	B
Marie-Alda Gilles-Gonzalez, Ph.D.	
Oxygen Regulation	
Tuberculosis Dormancy	B

Heme Proteins	
Fixation of Nitrogen	B
Protein Biochemistry	
Mischa Machius, Ph.D.	
Structural Biology	
The Role of Structural Biology in Biomedical Research	B
The General Impact of Structural Biology	L
David Mangelsdorf, Ph.D. – Pharmacology	
Pharmacology	C
Carole Mendelson, Ph.D. - Obstetrics & Gynecology	
Fetal Lung Development and Surfactant Synthesis	B
Regulation of Estrogen Biosynthesis	B
Mechanisms in the Initiation of Labor	B
Causes of Term and Preterm Labor	B
Dario Mizrachi, Ph.D.	
Molecular Endocrinology, Structural Biology, GPCR Proteins	
G-Protein Coupled Receptors (GPCR) and Their Signal Transduction	B
Endocrine-Related Diseases to this Protein	B
Patrick Potts, Ph.D. – Biochemistry	
DNA Damage	L
Homologous Recombination	L
Sumoylation	L
Jose Rizo-Rey, Ph.D. – Pharmacology	
Biophysics & Biochemistry	
Elucidate the Mechanisms of Neurotransmitter Release	B
Intracellular Membrane Traffic	B

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 C

Stuart Ravnik, Ph.D. – Administration

Male Reproductin, Meiosis, Germ Cell Development, Biomedical Careers,  
Graduate School Careers

Control of Meiosis C

Assisted Reproductive Technologies C

General Research Ethics C

Assisted Reproductive Technology L

Ethics in Research L

Career Options in Biomedical Sciences L

Educational Requirements for Science or Medicine L

Jerry Shay, Ph.D.

Basic Biology of the Relationship Between Aging and Cancer B

Novel Cancer Therapeutics B

William Snell, Ph.D.

The Use of Chlamydomonas (green colored algae) to Study Basic  
Properties of Cells L

Important New Insights into Human Development and Disease Yielded  
from Discoveries made in Chlamydomonas L

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

Biology of Aging and Cancer

How the Structures on the Ends of our Chromosomes (Telomeres) are B

Involved in Aging and Cancer

## **Biology, Developmental**

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

Pediatric Critical Care

Severe Brain Injuries B

Neural Stem Cells B

Brain Development B

Brain's Response to Injury B

## 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	C
Maurizio Bendandi, M.D, Ph.D. – Simmons Comprehensive Cancer Center Research	
Hematology	
Idiotype Vaccines in Lymphoma	B
Daniel Bowers, M.D. – Pediatrics	
Pediatric Cancer	
Childhood Cancer	B
Childhood Brain Tumors	B
Medical Issues of Childhood Cancer Survivors	B
Rolf Brekken, Ph.D. – Pharmacology, Surgery	
Angiogenesis	B
Anti-Angiogenic Therapy of Cancer	B
Tumor Microenvironment	B
Ezra Burstein, M.D. – Internal Medicine	
Adult Gastroenterology	
Inflammatory Bowel Disease	B
Molecular Biology of Inflammation	B
Jeffrey Cadeddu, M.D. – Urology and Radiology	
Urology	
Kidney Cancer	C
Prostate Cancer	C
Arianna Caprioli, Ph.D. – Developmental Biology	
Developmental Biology	B
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	C
Management of Malignant and Non-Malignant Airway Complications	C
Management of Malignant Pleural Effusion	C
Hak Choy, M. D. – Chair, Radiation Oncology	
Lung Cancer	B
Radiation Therapy	B
Robert Collins, M.D. – Internal Medicine, Hematology/Oncology	
Cancer	
Stem Cell Transplantation	B
Leukemia	B
Lymphoma	B
Myeloma	B
Dev M. Desai, M.D., Ph.D., F.A.C.S. – Surgery	
Adult and Pediatric Liver Cancer	B
Jonathan Dowell, M.D. – Internal Medicine, Hematology/Oncology	
Lung Cancer	B
Edward D. Esplin, M.D., Ph.D. – Internal Medicine	
Research Experience in Tumor Suppressor Genes	B
Genetics of Lung and Breast Carcinoma	B
David Euhus, M.D. – Surgery, Breast Center	
Cancer	
Breast Cancer Risk Assessment and Prevention	B
Auxillary Dissection for Breast Cancer: Who Needs It?	B
Cancer Genetics	B
Jimming Gao, Ph.D. – Pharmacology	
Cancer Nanomedicine	B
Adi Gazdar, M.D. – Hamon Center Therapeutic Oncology Res	
Lung Cancer	C
Smoking	C

Cancer Genetics	C
David E. Gerber, M.D. – Internal Medicine	
Lung Cancer	
Targeted Therapy Topics for Primary Care Physicians	C
Paul Harker-Murray, M.D., Ph.D. – Pediatric Hematology, Oncology	
All Issues in Oncology	B
Sergio Huerta, M.D. – Veterans Administration	
Colon Cancer	B
Rectal Cancer	B
Randall Hughes, M.D. – Internal Medicine, Hematology/Oncology	
Cancer	
Review of Lung Cancer	B
Screening for Lung Cancer with CT Scans	B
James F. Huth, M.D. – Surgery	
Cancer	
Any Topic in Oncology Surgery	B
Breast Cancer	B
Colon Cancer	B
Liver Cancer	B
Melanoma	B
Pancreatic Cancer	B
Sarcomas	B
Stomach Cancer	B
Patrick Leavey, M.D. – Pediatrics	
Pediatric Oncology	
Bone Sarcomas	B
Soft Tissue Sarcomas	B
Childhood Cancer	B
Medical Emergencies in Childhood Cancer	C
Pain Management in Children with Cancer	C

Marilyn Leitch, M.D. – Surgery/Oncology

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

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

Biotechnology, Pharmacology and Experimental Cancer Therapy

Monoclonal Antibodies	B
Immunoconjugates	B
Cancer Chemotherapy	B
Genetic-Engineering	B

John C. Mansour, M.D. – Surgery

Gastrointestinal Surgical Oncology

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

Jennifer Perone, M.D. – Dermatology, Surgery

Dermatologic Surgery

Dermatologic Malignancies (Skin Cancer)	B
Treatment of Skin Cancers	B
Aging of the Skin and Treatments of Aging of the Skin	B
Laurentiu Pop, M.D. – Cancer Immunobiology Center	
Cancer Immunology	
Monoclonal Antibodies	B
Ganesh Raj, M.D., Ph.D. – Urology	
Prostate	B
Kidney	B
Testis and Bladder Cancer	B
Dinesh Rakheja, M.B.B.S. – Pediatric Pathologist	
Pediatric Oncology	B
Metabolic Disorders	B
Roshni Rao, M.D. – Surgery/Oncology	
Update on Breast Cancer – Clinically Applicable Data from the Past Year	B
Breast Cancer Triad – Prevention, Detection, and Treatment	L-Women
Evolution of Mastectomy - History and New Techniques	C
Arthur Sagalowsky, M.D. – Urology, Surgery	
Urologic Oncology	
Bladder Cancer	B
Kidney Cancer	B
Prostate Cancer	B
Testis Cancer	B
Continent Urinary Diversion	B
Barry E. Schwarz, M.D.	
Contraception (general and specific)	B
Menopause	B
Vaginitis	B
Roderich Schwarz, M.D. – Surgical Oncology	
Pancreatic Cancer	C
Gastric Cancer	C

Liver Cancer	C
Bile Duct and Gallbladder Cancer	C
Pancreatic Cysts	C
Angiogenesis Treatment of GI Cancers	C
Nima Sharifi, M.D. – Internal Medicine	
Prostate Cancer	
Prostate Cancer	B
Hormonal Therapy	B
Androgens	B
Jayaprakash Sreenarasimhaiah, M.D. – Internal Medicine	
Gastroenterology	
Acid Reflux	B
Ulcer Disease	B
Colon Cancer Screening	B
Pancreatitis/Pancreas Cancer	B
Gallbladder Disease	B
Endoscopy Procedures	B
Gastrointestinal Bleeding	B
R. Stan Taylor, M.D. – Dermatology, Plastic Surgery	
Cancer	
Skin Cancer	B
Mohs Surgery	B
Basal Cell Carcinoma	B
Squamous Cell Carcinoma of the Skin	B
Melanoma	B
Philip Thorpe, Ph.D. – Simmons Comprehensive Cancer Center	
Cancer	
Anti-Vascular Therapies for Cancer, eg Anti-Angiogenesis	B
Michael Ulisse, M.D. – Radiology	
Breast Cancer	B

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

Medical Oncology

Colon Cancer

C

Naomi Winick, M.D. – Pediatrics

Leukemia

B

Jian Zhou, Ph.D.

Signal Transduction Prostate Cancer

Cell Permeable Protein; The Biology and Its Application

C

### **Child Abuse and Neglect**

Matthew Cox, M.D. – Pediatrics

General Pediatrics

B

Child Abuse and Neglect

B

### **Clinical Sciences**

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

Psychometrics

Making Up Scales for Use in Medicine

L

Alan Elliott, M.B.A. – Surgery

Clinical Sciences & Surgery

B

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

Adverse Drug Events

C

Drug Interactions

B

Drug Metabolism

C

Linda Hynan, Ph.D. – Psychiatry

Biostatistician

Biostatistics

B

Data Preparation for Analysis	B
How to Prepare for a Meeting with a Statistician	B
DSMB/DSMC	B
Multivariate Statistics	B
Psychometrics (questionnaire development)	B
Stephen Inrig, Ph.D. – Clinical Sciences	
Medical History	B
Ethics & Health Policy	B
Simon Craddock Lee, Ph.D., M.P.H. – Medical Anthropologist	
Ethics of Prevention and Public Health	B
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	B
Culture of Biomedicine; Social Dynamics of Healthcare and Medical Practice	B
Qualitative Methods and Analysis	B
Abu Taher Minhajuddin, Ph.D. – Family & Community Medicine	
Biostatistical Methods in Clinical Research	B
Paul Nakonezny, Ph.D. – Psychiatry	
Applied Statistics	B
Jasmin Tiro, Ph.D. – Clinical Sciences	
Cancer Screening	
Breast, Cervical, and Colorectal Cancer	B
Human Papillomavirus (HPV) Vaccine	B
Xian-Jin Xie, Ph.D. – Simmons Comprehensive Cancer	
Collaborative Cancer Research and Bioinformatics	B
Clinical Trials methodologies	B
Survival Analysis and Categorical Data Analysis	B
Statistical Methods on Correlated Data	B

Statistical Model Diagnosis and Goodness-of-fit Tests B

Chao Xing, Ph.D.

Genetic Epidemiology C

Genetic Epidemiological Methods for Mapping Complex Traits C

Song Zhang, Ph.D. – Clinical Sciences

Biostatistics B

Bayesian Data Analysis B

Missing Data B

Longitudinal and Survival Data Analysis B

Micro Array Analysis B

Proteomics B

Disease Mapping B

## **Community Health**

Mark DeHaven, Ph.D.

Community Based Participatory Research (DBPR) B

Health Disparities B

Faith-Health Collaborative Models B

Minority Health B

Population Medicine B

Social Determinants of Health B

Nora Gimpel, M.D.

Community Research/Collaboration L

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

Allied Health Professions B

Public Health Issues B

Manjula Julka, M.B.B.S.

Disease Prevention Guidelines L

Chronic Disease Management from Primary Care Perspective L

Like Hypertension, High Cholesterol and Diabetes

## Depression

Melanie Biggs, Ph.D. – Psychiatry

### Clinical Psychology

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

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

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

John W. Cain, M.D. – Psychiatry

Depression and Anxiety	B
Psychotherapy and Medication	B

Graham J. Emslie, M.D. – Pediatrics

### Child and Adolescent Depression and Suicidality

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

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

Depression in Late Life	B
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Avery Kathryn Hoenig, Ph.D. – Pediatric Psychiatry, Children's Medical Center

Adolescent Suicide and Depression	B
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Robin Jarrett, Ph.D. – Psychiatry

Depression	B
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Psychotherapy	B
Cognitive Therapy	B
Celia Jenkins, M.D. – Psychiatry	
Depression	B
David Morris, Ph.D. – Psychiatry	
Depression	B
Recognition and Treatment (i.e. What is it? How common is it? What are the symptoms? What are some ways to treat it?)	L
Assessment (i.e. How to initially evaluate symptom severity and how to track treatment response.)	C
Madhukar H. Trivedi, M.D. – Psychiatry	
Depression	B
Mahendra Upadhyaya, M. D. – Psychiatry	
Depression	B

## **Dermatology**

Amit Pandya, M.D.

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

Kim Yancey, M.D., Chair, Dermatology

Photoprotection/Sunscreens	B
Skin Cancer	B
Common Skin Diseases	B
Cutaneous Reaction Patterns and Cutaneous Manifestation of Synthetic Disease	C

Common and Uncommon Mucosal Diseases C

## Diabetes

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

Diabetes B

Abhimanyu Garg, M.D. – Internal Medicine

Diabetes and Lipid Disorders C

Michele Hutchison, M.D. – Pediatric Endocrinology

Growth and Growth Disorders B

Diabetes B

Puberty B

EliciaWilliams-King, M.D. – General Internal Medicine

Obesity B

Diabetes B

Depression (Primary Care Perspective) B

Philip Raskin, M.D. – Internal Medicine

Endocrinology

Diabetes Mellitus B

## Ear, Nose and Throat

Ami Brenski, M.D., - Pediatric Otolaryngology

Pediatric Otology B

Hearing Loss B

Newborn Hearing Screening B

Otitis Media B

Recurrent Respiratory Papillomas B

Pediatric Tracheostomy B

Sinusitis B

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

Pediatrics

Pediatric Diseases of the Ears, Nose, and Throat	B
Updates on Ear Tubes, Otitis Media, Tonsillectomy and Adenoidectomy	B
Joseph Leach, M.D. – Otolaryngology, Head and Neck Surgery	
Facial Cosmetic Surgery	B
Facial Reconstructive Surgery	B
Bradley F. Marple, M.D. – Otolaryngology, Head & Neck Surgery	
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 S. Roland, M.D. – Otolaryngology, Head & Neck Surgery, 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
Debra Weinberger, M.D. – Pediatrics	
Range of Pediatric Ear, Nose and Throat Problems	B

## Emergency Medicine

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

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

Raymond Fowler, M.D. – Surgery

CPR B

First Aid B

Preventive Medicine B

“Alternative Medicine” B

Care of Chronic Diseases B

Motor Vehicle Trauma and its Effects on the Public B

“Getting Help When You Need It” B

Disaster/Pandemic Preparedness B

Other Related Issues B

Stacey Hail, M. D. – Surgery

Emergency Medicine B

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

Cardiac Arrest B

CPR and CPR Training B

Other Acute Resuscitation Subjects B

Alexander (AJ) Kirk, M.D. – Surgery

Emergency Medicine

Prehospital Emergency Medicine/EMS/Tactical Medicine B

Training/logistical/Operational Integration of Responding Fire  
Rescue and Law Enforcement Resources B

Kurt C. Kleinschmidt, M.D. – Surgery

Acute Coronary Syndromes (Myocardial 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 B

Snake Envenomations	B
Samuel Luber, M.D., M.P.H.	
Almost Any Topic on Emergency Medicine	B
Julia McDonald, M.D. – Pediatrics	
Any Topic within Pediatric Emergency Medicine	B
Jeffery Metzger, M.D. – Surgery	
Tactical Medicine	B
Law Enforcement Medicine	B
Disaster Medicine	B
EMS	B
Terrorism	B
Homeland Security	B
Ronna Miller, M.D. – Surgery	
Emergency Medicine Public Education	
All-Hazards Disaster Medicine	B
“Weapons of Mass Effect”	B
Emergency Medical Services	B
Paul E. Pepe, M.D., M.P.H. – Chairman of Emergency Medicine	
Emergency Medicine, Medical Emergency Services for Public Safety, MMRS	
Emergency Care	B
First Aid	B
CPR and Automated Defibrillator (AED), Use and Training	B
Disaster	B
Injury Prevention	B
Gary Purdue, M.D. – Anesthesia/Plastic Surgery	
Burn Prevention	L
Early Burn Care	C
Disaster Management of Burns	C
Nancy K. Rollins, M.D. – Radiology, Pediatrics	
Imaging the Brain of Infants and Children Using New MR Techniques	B

Studying the Brains of Children in Normal and Disease States B  
Developmental Problems Such as Dyslexia B

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

Injury Prevention B  
Emergency Medical Systems B  
Trauma Systems B  
Trauma Centers B

## **Endocrinology**

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

Anabolic Steroid Abuse B  
Related Topics B

Ugis Gruntmanis, M.D. – Internal Medicine

Hypogonadism/Andropause – Male Menopause B  
Male and Female Osteoporosis B

Melissa Ham, M.D. – Pediatric Endocrinology

Issues with Puberty B

Jennifer Hill, Ph.D. – Internal Medicine

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

Michael Hutchison, M.D. – Pediatrics

Growth and Growth Disorders B  
Diabetes B  
Puberty B

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

Adrenal Disease B  
Endocrine Surgery B  
Thyroid Diseases B  
Parathyroid Disease B  
Pancreatic Disease B

Jon Oden, M.D. – Pediatrics

Insulin Resistance	B
Thyroid Issues	B
Endocrine Topics	B

Philip Raskin, M.D. – Internal Medicine

Diabetes Mellitus	B
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## Endocrine Surgery

Shelby Holt, M.D.

Thyroid	B
Parathyroid	B

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

Parathyroid Disease	B
Pancreatic Disease	B
Adrenal Disease	B
Endocrine Surgery	B
Thyroid Diseases	B

## Environmental Medicine

Nora Gimpel, M.D.

Family Practice

Health Promotion/Prevention	L
Chronic Diseases	L
Medical Education	L
Community Research/Collaboration	L

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

Environmental & Pulmonary Medicine

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

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 (cancer screening, vaccinations, smoking cessation)	L

Shobha Rao, M.B.B.S.

EKG Reading	C
Geriatrics	C

Dan Sepdham, M.D.

Primary Care Topics	L
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Amer Shakil, M.D.

Family & Community Medicine	B
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## **Epilepsy**

Mark Agostini, M.D.

Epilepsy & Seizures	B
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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	B
John Anderson, M.D. – Pediatrics	
Gastroesophageal Reflux	B
Inflammatory Bowel Disease	B
Celiac Disease	B
Abdominal Pain	B
Cyclic Vomiting	B
Bradley Barth, M.D. – Pediatrics	
GI Endoscopy	C
BI Bleeding	C
Pancreatic Disorders	C
Biliary Disorders	C
Inflammatory Bowel Disease	C
Geri R. Brown, M.D. – Internal Medicine, Hepatology	
Liver	
Hepatocellular Carcinoma (Hepatoma)	B
Hepatitis C	B
Side Effects of Hepatitis C Treatment	B
Complications of Cirrhosis	L
Deborah Clegg, R.D., Ph.D. – Internal Medicine	
Nutrition	
Macronutrients	B
Body Weight Regulation	B
Diets	B
Nutritional Support	B
Hypothalamic Regulation of Food Intake and Body Weight	B
How Estrogen Interacts in the Hypothalamus to Regulate Food Intake, Body Weight, and Body Fat Distribution	B
Nutrition and Cancer	
How Diets That Differ in Fat Content Impact Breast Cancer Susceptibility	B

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
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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 Pancreatology

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
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Pediatric Liver Disease	B
Liver Transplant	B
Ashish Patel, M.D. – Pediatric Gastroenterologist	
Pediatric Inflammatory Bowel Disease	B
Don C. Rockey, M.D. – Internal Medicine	
GI/Digestion	
GI Bleeding	B
Colon Cancer	B
Virtual Colonoscopy	B
Claus G. Roehrborn, M.D., Urology	
PSA Screening for Prostate Cancer	B
Prostate Cancer Prevention	B
Prostate Cancer Treatment	B
BPH Medical Therapy	B
Sonography in Urology	C
M. Gaith Semrin, M.B.B.S. – Pediatrics	
Pediatric Gastroenterology/Nutrition	B
Stuart J. Spechler, M.D. – Internal Medicine	
Gastroenterology	C
Jayaprakash Sreenarasimhaiah, M.D. – Internal Medicine	
Acid Reflux	B
Ulcer Disease	B
Colon Cancer Screening	B
Pancreatitis/Pancreas Cancer	B
Gallbladder Disease	B
Endoscopy Procedures	B
Gastrointestinal Bleeding	B

## General

Massimo Attanasio, M.D. – Internal Medicine

Human Genetics	
Genetics and Molecular Biology of Autosomal Recessive Cystic Kidney Diseases	C
David Balis, M.D. – Internal Medicine	
General Internal Medicine Topics	B
Christopher Blewett, M.D. – Internal Medicine	
General Internal Medicine	B
Henrik B. Illum, M.D. – Internal Medicine	
Lung Cancer	B
Wen Lai, M.D. – Internal Medicine	
Primary Care	B
Preventive Care	B
Alternative Care	B
Albert D. Roberts, M.D. – Internal Medicine	
General Medicine	L
Kamalanathan Sambandam, M.D. – Internal Medicine	
Nephrology	B
William A. Scott, M.D. – Pediatrics	
Pediatric Cardiology & Cardia Electrophysiology	
Congenital Heart Disease	B
Cardiac Arrhythmias	B
Sudden Death	B
Athlete Pre-participation Screening	B
Automated External Defibrillators (AEDs)	B
Pacemakers/Defibrillators	B
John Jay Shannon, M.D. – Internal Medicine	
Asthma	B
Chronic Care Management	B

Critical Care B  
Smoking Cessation B

## Genetics

Massimo Attanasio, M.D. – Internal Medicine

Human Genetics

Genetics and Molecular Biology of Autosomal Recessive Cystic Kidney Diseases C

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

Human Genetics B  
Pulmonary Medicine B  
Familial Pulmonary Fibrosis B  
Familial Spontaneous Pneumothorax B

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

Genetics of Congenital Heart Defects (Pediatric Cardiology) B

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

Computational Biology & Bioinformatics

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

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

Pathology and Genetics of Brain and Spinal Cord Tumors B

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

Genetic Counseling B

Xiran Liu, M.D., Ph.D. – Neuroscience

Synapse Architecture from Normal and Genetically Engineered Mice C

Alexander Pertsemlidis, Ph.D. – Internal Medicine

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

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 B  
Genes Involved in Taste Sensitivity-an important determinant of diet choice and other aspects of human health B

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

Membrane Transport C

Masashi Yanagisawa, M.D.

Molecular Genetics of Physiological Processes  
Regulation of Sleep/Wake B

## **Genetics, Molecular**

Robert Barber, Ph.D.

Gene Discovery B  
Population Genetics B

Russell Debose-Boyd, Ph.D.

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

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

Synapse Architecture from Normal and Genetically Engineered Mice C  
Jian Xie, Ph.D.

Molecular Genetics and Deverlopment – WNK Kinases and Hypertension C

Masashi Yanagisawa, M.D.

Molecular Genetics of Physiological Processes

Regulation of Sleep/Wake B

Jin Ye, Ph.D.

Cholesterol Metabolism B

Hepatitis C Virus Infection B

## Geriatrics

Mustafa M. Husain, M.D. – Psychiatry, Internal Medicine

Dementia – Alzheimers Disease B

Brain Stimulation Therapies in Psychiatric Disorders B

Shobha Rao, M.B.B.S.

EKG Reading C

Geriatrics D

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

Age-Related Osteoporosis C

Primary Care of Alzheimer's Disease C

Medication Use in the Elderly C

Urinary Incontinence in the Elderly C

Geriatric Assessment C

Belinda Vicioso, M.D. – Internal Medicine

Medications in the Elderly B

Dementia B

Driving in the Elderly B

Falls B

Weight Loss B

Myron Weiner, M.D. – Psychiatry, Neurology

Geriatric Psychiatry

Treatment of Alzheimer's Disease B

Management of Behavioral Symptoms in Alzheimer's Disease C

Living with Alzheimer's Disease L

Treating Cognitive Symptoms of Alzheimer's Disease C

Psychopharmacology of Alzheimer's Disease C

## 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	L
Stuart Ravnik, Ph.D. – Administration, Cell Biology	
Career Options in Biomedical Sciences	L
Educational Requirements for Science and Medicine	L
Nancy Street, Ph.D. – Administration	
Graduate Education	L
Charles W. Whitten, M.D.	
Dealing with Intergenerational Issues in Academic Medicine	B

## **Heart Disease & Hypertension**

David Balis, M.D. – Internal Medicine	
Lipids	B
Cholesterol	B
Hypertension	B
Subhash Banerjee, M.D. – Internal Medicine	
Interventional Cardiology	
Coronary Artery Disease	B
Beth Brickner, M.D. – Internal Medicine, Cardiology	
Congenital Heart Disease in Adults	C
Valvular Heart Disease	C
Echocardiography	C
Deborah Carlson, Ph.D. – Pediatrics, Surgery	
Relevance of Bench Research to Medicine	B
Cardiac Relatic Lectures	B
Topics in Basic Science Matters	B
Russell Debose-Boyd, Ph.D.	
Cholesterol Metabolism	
Impact on the Development of Heart Disease	B

Elevated Levels of Cholesterol (and other lipids)	B
James de Lemos, M.D. – Internal Medicine, Cardiology	
Acute Ischemic Syndromes (Heart Attacks)	B
Lipid Lowering Therapies	B
New Methods for Identifying Risk for Heart Disease	B
Biomarkers in Acute Coronary Syndrome	B
Diagnostic & Therapeutic Uses of B-Type Natriuretic Peptide	B
Rational Treatment for Acute Coronary Syndromes	B
Reperfusion Therap for ST Elevation MI	B
Myocardial Infarction Diagnosis and Treatment	B
Mark Drazner, M.D. – Internal Medicine, Cardiology	
Cardiology & Transplantation	
Heart Failure (CHF)	C
Left Ventricular Hypertrophy	C
Heart/Cardiac Transplantation	C
Reenu Eapen, M.D. – Pediatric Cardiology	
Advanced Cardiac Imaging	
Pediatric Cardiac MRI Topics	B
Fetal Echocardiograms	B
Prenatal Diagnosis of Congenital Heart Disease	B
Pediatric Echocardiograms for Congenital Heart Disease	B
Any General Cardiology Topics – such as Rheumatic Fever, Kawasaki Disease	B
Lisa Forbess, M.D. – Internal Medicine, Cardiology	
Cardiology	B
Vidu Garg, M.D. – Molecular Biology, McDermott Center for Human Growth & Development	
Genetics of Congenital Heart Defects (Pediatric Cardiology)	B
Joseph A. Hill, M.D., Ph.D. – Internal Medicine, Molecular Biology, Cardiology	
Advances in the Treatment of Heart Disease	B
The Epidemic of Heart Failure	B

Catherine Ikemba, M.D. – Pediatrics

Fetal Echocardiography	B
Perinatal Cardiology	B

Michael E. Jessen, M.D. – Surgery

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

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

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

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

Emergency Medicine & Medical Toxicology

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

Lynn Mahony, M.D. – Pediatrics

Pediatric Cardiology

Congenital Heart Disease in Pediatric Patients	B
Acquired Heart Disease in Pediatric Patients	B

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

Heart Failure	B
Heart Transplantation	B

Chieko Mineo, Ph.D. – Pediatrics

Anatipholipid Syndrome	C
Cardiovascular Disease	C

Anand Rohatgi, M.D.- Internal Medicine

Preventive Cardiology

Lipid Disorders, HDL Cholesterol, Atherosclerosis, Biomarkers Of Coronary Heart Disease, Cardiovascular Risk	B
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William A. Scott, M.D., M.S. – Pediatrics, Cardiology

Pediatric Cardiology & Cardiac Electrophysiology

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

Shigeki Shibata, M.D. – Internal Medicine

Cardiovascular Aging	B
Exercise Physiology	B

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

Lipotoxic Heart Disease	B
Fatty Liver	B

Carlos Timaran, M.D. – Vascular Surgery

Peripheral Arterial Disease	B
Aortic Aneurysms	B
Carotid Disease	B

Wanpen Vongpatanasin, M.D. – Internal Medicine

Cardiology & Hypertension

Diagnosis & Management of Renovascular Hypertension	C
Hypertension in Postmenopausal Women	C
Hypertensive Heart Disease	C

Richard Wu, M.D. – Internal Medicine

Arrhythmias	B
Atrial Fibrillation	B
Ventricular Tachycardia and Sudden Cardiac Death	B

Thomas Zellers, M.D. – Pediatrics, Cardiology

Adults with Congenital Heart Disease	C
Counselling Parents of Offspring with Congenital Heart Disease	C
Newborn Evaluation for Heart Disease	C
Pediatric Cardiac Catheterization & Interventional Procedures	C
Use of Nitric Oxide for Pulmonary Hypertension	C
End Stage Lung Disease	B
Cystic Fibrosis	B
Lung Transplantation	B

## Heart & Lung

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

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

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

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

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

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

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

Mitral Valve Repair	B
Heart & Lung Transplant	B

Artificial Hearts B  
Hyperhidrosis Surgery B

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

Pulmonary Medicine

End Stage Lung Disease B  
Cystic Fibrosis B  
Lung Transplantation B

## Hematology

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

Pediatric Hematology/Oncology B  
Bone Marrow Transplant B

Robert Bash, M.D. – Hematology/Oncology

Overview of Childhood Cancer C

George R. Buchanan, M.D. – Pediatrics

Sickle Cell Disease B  
Childhood Bleeding Disorders B  
Anemia B

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

Gene Therapy and Stem Cells B

Charles Quinn, M.D. – Pediatrics

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

Guna Raj, M.D. – Internal Medicine

Anticoagulation Therapy B

Zora R. Rogers, M.D. – Pediatrics

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

Laurie J. Sutor, M.D. – Pathology

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

## Hepatology (Liver)

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

Chloestatic Liver Disease	C
Cystic Fobrpsos Associated With Liver Disease	C
Fat-soluble Vitamin Deficiency	C
Physiology of Bile Formation	C

Naveen Mittal, M.D. – Pediatrics

Transplant Hepatology

Pediatric Liver Disease	B
Liver Transplant	B
Intestinal Disease and Transplant	B

## Hospice/Palliative Care

Tamara McGregor, M.D.

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

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

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

John Sadler, M.D. – Clinical Sciences

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

## **Immunology**

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

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

Felix Yarovinsky, M.D. – Immunology

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

## **Infectious Disease**

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

HIV (pediatric and adolescent)	B
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Sexually Transmitted Diseases	B
Vaccines	B
Lymphadenitis	B
Staph Infections	B
Osteomyelitis	B
Pneumococcal Infections	B
Roger Bedimo, M.D. – Internal Medicine	
Infectious Diseases – HIV	
Central Nervous System	B
Skin and Soft Tissue Infections	B
Stanley X. Cal, M.D. – Internal Medicine	
HIV/AIDS	B
Susan M. Cox, M.D. – Obstetrics & Gynecology, Maternal-Fetal Medicine	
Preterm Labor	
Infection and Preterm Labor	B
Urinary Tract Infections in Pregnancy	B
Shaili Gupta, M.B.B.S. – Internal Medicine	
HIV and Viral Hepatitis (HBV and HCV)	
HIV-viral Hepatitis Coinfections	C
Jula Inrig, M.D. – Internal Medicine	
Chronic Kidney Disease	C
Microscopic Hematuria and Trace Proteinuria	C
Acid-Base Balance	C
Acute Kidney Injury	C
Hypertension in End-stage Renal Disease	C
Frequent Hemodialysis	C
Calcium and Phosphorus in Kidney Disease	C
Mamta Jain, M.D. – Internal Medicine	
HIV	C
Viral Hepatitis	C

Richard Kaplan, M.D. – Internal Medicine

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

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

Hematology/Oncology

Gastrointestinal Malignancies	B
Breast Cancer	B

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

HIV Disease

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

Pablo Sanchez, M.D. – Pediatrics

Neonatal Infectious Diseases

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

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

Clinical Microbiology, Infectious Diseases, and Tropical Medicine

Clinical Tropical Medicine	C
Interesting Case Histories in Tropical Medicine	C

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

Healthcare Associated Infections	C
Device Associated Infections	C
Surgical Site Infections	C

Influenza	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
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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, Hypernatremia, Hyponatremia, Sodium	C

## **Neurological Surgery**

Michael Levy, M.D.

Neurosurgery Nursing	
Nursing Management of Traumatic Brain Injury	C

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

Brain Tumors	C
Epilepsy Surgery	C
Radiosurgery	C

Kevin Morrill, M.D.

Spine and Spinal Cord	
Skull Base Surgery	B
Neurotrauma	B

Babu Welch, M.D. – Radiology

Neurosurgical Vascular and Endovascular Disease

Skull Base Techniques in Neurosurgery

B

Jonathan White, M.D.

Brain

Neuroanatomy

B

Trauma

B

Stroke

B

Aneurysms

B

AVM

B

Face Pain

B

Hydrocephalus

B

Resident Training

B

Wengui Yu, M.D., Ph.D. – Neurology

Neurological Care & Stroke

“Neurocritical Care: Brain Resuscitation in 21<sup>st</sup> Century”

C

“Current Management of Subarachnoid Hemorrhage”

C

“Treatment of Acute Stroke”

C

“Contemporary Management of Intracerebral Hemorrhage”

C

## Neurology

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

Molecular Biology of Brain Tumors

Brain Tumors (any topic)

B

Brain Stem Cell Biology (can give a more broad up-to-date overview)

B

Brain Physiology (can give a more broad up-to-date overview)

B

Tumor Biology (can give a more broad up-to-date overview)

B

Mouse Models of Cancer (can give a more broad up-to-date overview)

B

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

Electrical Properties of Muscle and Nerve

Mechanism by Which Mutations in Ion Channels Alter the Excitability  
of Skeletal Muscle to Cause Myotonia and Periodic Paralysis

B

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

Sleep Medicine

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

Scott Davis, Ph.D.

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

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

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

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

Todd Eagar, Ph.D.

T-Cell Immunology (as it relates to autoimmune disease)	B
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Jeffrey Elliott, M.D.

Amyotrophic Lateral Sclerosis (Lou Gehrig's Disease)	B
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Elliot M. Frohman, M.D. – Ophthalmology

Neurology

Multiple Sclerosis	B
Brain and Behavior	B
History of Medicine	B

Ophthalmology

Neuro-Ophthalmology	B
Qi Fu, M.D.	
Gender Differences in Blood Pressure Control in Humans	B
Sympathetic Neural Control During Early Pregnancy in Humans	B
Autonomic Control of Blood Pressure in Women	B
Sex Differences in Orthostatic Tolerance	B
Matthew Goldberg, Ph.D. – Psychiatry	
Parkinson’s Disease	B
Other Neurodegenerative Diseases – particularly the involvement of inherited mutations linked to neurodegeneration	B
Yunhua (Yal) Gong, M.D., M.S. – Neurology	
Medicine	L
Pharmacology	L
Related Research	L
Kevin F. Gray, M.D. – Psychiatry	
Geriatric Neuropsychiatry	
Alzheimer’s Disease	B
Dementia	B
Parkinson’s Disease (especially non-motor symptoms)	B
Lewy Body Dementia	B
Depression in Late Life	B
Benjamin Greenberg, M.D.	
Multiple Sclerosis	B
Transverse Myelitis	B
Neuromyelitis Optica (Devic’s)	B
Infections of the Central Nervous System	B
Susan Iannaccone, M.D. – Pediatric Neurology	
Pediatric Neuromuscular Disease (Muscular Dystrophy)	B
Pradeep Modur, M.D., M.S.	

Seizures	B
Epilepsy	B
Nancy Monson, Ph.D.	
Immunology	B
Autimmunity	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	B
Schizophrenia	B
Peter S. Roland, M.D. – Otolaryngology, Head & Neck Surgery	
Cochlear Implants	B
Hearing Loss	L
Vertigo	C
The Draining Ear	C
Hearing Loss – Diagnosis and Management	C
Bell's Palsy: Acute Idiopathic Facial Paralysis	C
Cholesteatoma – Diagnosis and Management	C
Roger Rosenberg, M.D. – Physiology	
Alzheimer's Disease	B
Memory and Memory Disorders	B
Neurological Disease	B
Neuroscience	B
Neurogenetics	B
Rana Said, M.B.B.S. – Pediatrics	
Epilepsy	B
Brain Malformations	B
Tuberous Sclerosis	B
Ketogenic Diet Including Seizure Medication	B
Anjali Shah, M.D., - Physiology	
Multiple Sclerosis	B
Rehabilitation of Multiple Sclerosis	B
Neuro-Rehabilitation Medicine	B
Fitness	B
Exercise	B
Alternative and Complementary Medicine	B
Mike Singer, M.D., Ph.D.	
Neuropathy	B
Motor Neuron Disease	B
Steven Vernino, M.D., Ph.D.	

## Neuromuscular Disorders

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

Gil I. Wolfe, M.D.

## Neuromuscular Disorders & Electromyography

Peripheral Neuropathy	B
Myasthenia Gravis	B
Muscular Dystrophy	B

Kyle Womack, M.D. – Psychiatry

Dementia	C
Alzheimer's Disease	C
Frontotemporal Dementia	C

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

## Neurocritical Care and Stroke

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

## **Obstetrics & Gynecology**

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

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

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

Obstetrics (topics related to Obstetrics)	C
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Karen D. Bradshaw, M.D. – Surgery

Women's Health	B
HPV	B
Hormone Replacement	B
Marlene Corton, M.D.	
Urogynecology	
Urinary and Fecal Incontinence	B
Nerve Injury Associated with Gynecologic Surgery	B
Pelvic Organ Prolapse	B
Susan M. Cox, M.D. – Administration, Maternal-Fetal Medicine	
Preterm Labor	
Infection and Preterm Labor	B
Urinary Tract Infections in Pregnancy	B
Kevin J. Doody, M.D.	
Infertility (any topic)	B
Dennis Factor, M.D.	
Contraception	B
Medical Liability	B
Lisa Halvorson, M.D.	
Reproductive Endocrinology and Infertility	
Couples Having Trouble Conceiving	B
Endocrine Disorders (irregular menstrual cycles)	B
Irwin Kerber, M.D.	
Any Aspect of Menopause	B
Carole Mendelson, Ph.D. – Biochemistry	
Fetal Lung Development and Surfactant Synthesis	B
Regulation of Estrogen Biosynthesis	B
Mechanisms in the Initiation of Labor	B
Area Related to the Causes of Term and Preterm Labor-a possible title is	B

“Communication Between the Fetus and Mother in the Timing of Birth”

Mary Jane Pearson, M.D.

Gynecology	L
Adolescent Gynecology	L
Pregnancy Prevention	L

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

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

Joseph Schaffer, M.D.

Sexual Dysfunction	B
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Barry E. Schwarz, M.D.

Contraception (general and specific)	B
Menopause	B
Vaginitis	B

Jeanne Sheffield, M.D.

High Risk Obstetrics	
Multiple Gestations	B
Preterm Birth	B
Infectious Diseases	B

Allison Smith, M.D.

General Obstetrics or Gynecology	B
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George D. Wendel, Jr., M.D.

High Risk Pregnancies	
HIV in Pregnancy	B
Infectious Diseases in Pregnancy	B

Obstetrics	B
Sexually Transmitted Diseases	B

Claudia L. Werner, M.D.

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

Ellen Wilson, M.D.

Reproductive Endocrinology

Polycystic Ovarian Syndrome	B
Menopause	B
Infertility	B
Contraception	B

Michael Zaretsky, M.D.

Fetal Prenatal Diagnosis and Therapy	B
Maternal Fetal Medicine	B

## Ophthalmology

Preston H. Blomquist, M.D.

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

R. Wayne Bowman, M.D.

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

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

Corneal Surgery	B
Eye Infections	B
Laser Eye Surgery	B

Contact Lens Problems	B
Cataract Surgery	B
Kim Du, O.D.	
Low Vision Optometry	L
Elliott M. Frohman, M.D., Ph.D. – Neurology	
Neuro-Ophthalmology	B
Yu-Guang He, M.D.	
Retinal and Macular Diseases	B
Age-Related Macular Degeneration: Developments in Management	B
Diabetic Retinopathy: What Happens When Your Patients Cannot See	B
Ellen Heck, M.B.A. – Surgery	
Tissue and Eye Donation and Transplantation	B
Randy Hua, O.D. – Ophthalmology	
Ophthalmology	L
Karanjit S. Kooner, M.D.	
Glaucoma in General Practice	C
Glaucoma: The Sneak Thief of Sight	L
How to Care for the Glaucoma Patient	L
Legal Blindness in Glaucoma	C
Risk Factors for Glaucoma	C
Jerry Niederkorn, Ph.D. - Microbiology	
Immunology and Transplantation	B
Research on Immunology of the Eye	B
Infectious Disease of the Eye and Ocular Tumors	B
Rafael Ufret-Vincenty, M.D. – Vitreo-Retinal Specialist	
Age-Related Macular Degeneration	B
Jess Whitson, M.D.	
Glaucoma	B

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	B
Craig D. Rubin, M.D. – Internal Medicine	
Age-Related Osteoporosis	C
Daniel Sucato, M.D., M.S. – Scottish Rite Hospital, Pediatric Orthopaedic Surgery	
Pediatric Orthopaedics	B
Hip Dysplasia in Adolescents	B
Hip Preserving Surgery in Young Adolescents or Young Adults	B
Spine Deformity or Scoliosis	B
Carol Wise, Ph.D. – McDermott Center for Human Growth & Development	
Genetics of Pediatric Musculoskeletal Diseases	L
Inflammatory Diseases (Juvenile Arthritis, Scoliosis, Rare Inflammatory Diseases)	L
Joseph E. Zerwekh, M.D., Ph.D. – Internal Medicine	
Disorders of Calcium and Phosphorus Homeostasis	
Metabolic Bone Disease	B
Osteoporosis	B
Effects of Steroid Hormones on Bone	B
Kidney Stones	B
Vitamin D Metabolism and Action	B

## Otolaryngology - Head & Neck Surgery

Ami Brenski, M.D., - Pediatric Otolaryngology	
Pediatric Otology	B
Hearing Loss	B
Newborn Hearing Screening	B
Otitis Media	B
Recurrent Respiratory Papillomas	B
Pediatric Tracheostomy	B
Sinusitis	B
Orval Brown, M.D.	
Pediatric Diseases of the Ears, Nose and Throat	B
Updates on Ear Tubes, Otitis Media, Tonsillectomy and Adenoidectomy	B

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
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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

## Pathology

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

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

Arnaldo Arbini, M.D., - Hematopathology

Leukemia Diagnosis	B
Lymphoma Diagnosis	B

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

Transfusion Risks in the 21 <sup>st</sup> Century	L
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James Clark, M.D., - Pediatric Clinical Pathology, Hematology

Coagulation	B
Transfusion Medicine	B
Organ Donation	L
Clinical Chemistry	B

Chan Foong, M.S. – Neuropathology

Brain Tumor	B
Neurodegenerative Disease	B

Rita Gander, Ph.D.

Clinical Microbiology Case Histories	B
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Robert Genta, M.D. – Internal Medicine

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

Amy Gruszecki, D.O.

Forensic Pathology	B
Kimmo Hatanpaa, M.D., Ph.D.	
Pathology and Genetics of Brain and Spinal Cord Tumors	B
Emily Herndon, M.D. – Neuropathologist	
Huntington Disease	B
Dementia	B
Muscle Diseases	B
Payal Kapur, M.B.B.S. – Adult Surgical Pathology	
Gastrointestinal Pathology	B
Genitourinary Pathology	B
Nitin Karandikar, M.D., Ph.D. – Neurology	
Immunology of Multiple Sclerosis	C
Dwight Oliver, M.D. – Pathology	
Surgical and Molecular Pathology	L
Reade Quinton, M.D.	
Forensic Pathology	L
Dinesh Rakheja, M.B.B.S., M.D. – Pediatric Pathologist	
Pediatric Oncology	B
Metabolic Disorders	B
Beverly Rogers, M.D.	
Placental and Pediatric Molecular Pathology	B
Thomas Rogers, M.D. – Surgical Pathology	
Hepatic Pathology	L
Timothy Sliter, Ph.D.- Genetics and Forensic Science	

Forensic Science in General	L
Forensic DNA	L
Paul M. Southern, Jr., M.D. – Internal Medicine	
Various Clinical Tropical Medicine Topics	C
Interesting Case Histories in Tropical Medicine	C
Carlos Tirado, Ph.D., FACMG – Pathology	
Cancer Cytogenetics and Clinical Cytogenetics	
Cancer Cytogenetics	B
Cancer Genetics	B
Clinical Cytogenetics	B
The Use of Molecular cytogenetics in Monitoring Hematological Malignancies	B
Jill Urban, M.D.	
Forensic Pathology	B
Frank Wians, Ph.D.	
Prostate-Specific Antigen (PSA) Testing and Prostate Cancer	B
Intra-Operative Hormone Testing	B
Method Evaluation and Validation	B
Use of Receiver-Operator Characteristic (ROC) Curves in the Assessment of the Diagnostic Accuracy of Laboratory Tests	B
Human Anti-Mouse Antigliobulin (HAMA) Interference in Immunoassay Testing	B
Other Clinical Laboratory Medicine-Related Topics	B
Xin Jin (Joseph) Zhou, M.D. – Internal Medicine	
Pathology of the Kidney	C
Pathology of Renal Transplantation	C
<b>Pediatrics</b>	
John Andersen, M.D.	
Gastroesophageal Reflux	B
Inflammatory Bowel Disease	B
Celiac Disease	B

Abdominal Pain	B
Cyclic Vomiting	B
Victor Aquino, M.D. – Pediatric Hematology / Oncology	
Pediatric Hematology / Oncology	B
Bone Marrow Transplant	B
Theresa Barton, M.D. – Pediatric Infectious Diseases, Adolescent Medicine	
HIV (pediatric and adolescent)	B
Sexually Transmitted Diseases	B
Vaccines	B
Lymphadenitis	B
Staph Infections	B
Osteomyelitis	B
Pneumococcal Infections	B
Michel Baum, M.D. – Renal	
Care for Children with Kidney Disease	L
Fluids and Electrolytes: A Practical Approach	C
Renal Tubular Acidosis	C
Karen D. Bradshaw, M.D. – Obstetrics & Gynecology, Reproductive Endocrinology	
Pediatrics & Adolescent Gynecology	C
Luc Brion, M.D. – Neonatology	
Hyperbilirubinemia	C
Neonatal Systematic Reviews	C
Orval Brown, M.D. – Otorhinolaryngology, Head & Neck Surgery	
Pediatric Disease of the Ears, Nose and Throat	B
Updates on Ear Tubes, Otitis Media, Tonsillectomy and Adenoidectomy	B
Laura Brumley, M.D. – Pediatrics	
General Pediatrics	B
Adolescent Medicine	B
Deborah Carlson, Ph.D. – Surgery	
Relevance of Bench Research to Medicine	B
Cardiac Related Lectures	B

Topics in Basic Science Matters	B
Lina Chalak, M.D. – Pediatrics	
Neonatal Intensive Care	
Research Interest in Neonatal Brain Injury/Seizures	C
Nandina Channabasappa, M.D., M.B.B.S. – Pediatrics	
Pediatric Gastroenterology	
Intestinal Failure/Rehabilitation	B
Pediatric Therapeutic Endoscopy	B
Matthew Cox, M.D.	
General Pediatrics	B
Child Abuse and Neglect	B
Ralph Deberardinis, M.D., Ph.D. – Pediatric Genetics and Metabolism	
Medical Genetics	B
Inborn Errors of Metabolism	B
Newborn Screening	B
Tumor Metabolism	B
William Engle, M.D. – Neonatology	
Neonatal Jaundice	L
Philip Ewing, M.D. – Pediatrics	
Pediatric Emergency Medicine	
Diabetes Emergencies	B
Alisa Gotte, M.D. – Pediatrics	
Pediatric Rheumatology	
Juvenile Arthritis	B
Paul Harker-Murray, M.D., Ph.D. – Pediatric Hematology, Oncology, Blood And Marrow Transplantation	
All Issues in Oncology	B

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)	B
Michael Lee, M.D.	
General Pediatrics	B
Eron Linver, M.D. – Pediatrics	
Prevention Issues or Other Common Pediatric Problems	L
Common Hospitalization Issues	L
Deanna Liss, Ph.D. – Pediatric Clinical Psychologist	
Pediatric Eating Disorders	B
Psychological Assessment of Children and Adolescents	B
Donald McCurnin, M.D. – Pediatrics	
Pulmonary Hypertension	B
Patent Ductus Arteriosus	B
Bronchopulmonary Dysplasia	B
Angela Mihalic, M.D.	
General Pediatrics	B
Robert Minkes, M.D., Ph.D. – Surgery	
Pediatric Surgery	
General Pediatric Surgery Topics	B
Laparoscopic Pediatric Surgery	B
Minimally Invasive Pediatric Surgery	B
Advances in Pediatric Surgery	B
Neonatal Surgery	B
Abdominal Pain in Children	B
Surgical Treatment of Cutaneous Abscesses	B
Experiences at a Children’s Hospital During Hurrigan Katrina	B
Kimberly Mulson, M.D.	
General Pediatrics	L

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

Myra Wyckoff, M.D.

Newborn Resuscitation C

## Pharmacology

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

Stem Cells L

Mark Lehrman, Ph.D.

General Aspects of a Career in Basic Research L

Personal Research has taken the depart into the study of a rare genetic disease L

Elisabeth Martinez, Ph.D.

Cancer Drug Discovery C

Epigenetics C

Elliott Ross, Ph.D.

Cellular Communications L

Cellular Signaling L

Drug Receptors L

Cellular Information Processing L

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

Pharmacology B

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

Cancer

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

Yihong Wan, Ph.D.

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

Thomas Wilkie, Ph.D.

Pharmacology B

Hongtao Yu, Ph.D.

Pharmacology C

## **Phobias**

Melanie Biggs, Ph.D. – Psychiatry

Panic Disorder/Panic Attacks L

## **Physical Medicine & Rehabilitation**

Thiru M. Annaswamy, M.D.

Physical Medicine B

Electrodiagnosis B

Disorders of Spine B

Exercise and Rehabilitation Principals B

Biomechanics of Gait B

Electrophysiology and Motor Control B

Vincent Gabriel, M.D.

Burns

Trauma B

Disability B

Research B

Lance Goetz, M.D.

Spinal Cord Injury

Sexuality and Disability B

Erectile Dysfunction B

Wheelchairs and Seating B

Pressure Ulcers B

Autonomic Dysreflexia: A Spinal Cord Injury Emergency B

Cervical Spondylosis B

Radha Holavanahalli, Ph.D.

Burn Injury Rehabilitation Research

Community Re-Integration L

Return to School for Burn Injury Survivors	L
Return to Work for Burn Injury Survivors	L
Social Interaction Skills Training for Burn Injury Survivors	L
Peer Support Training for Burn Survivors	L

Karen Kowalske, M.D.

Brain Injury Rehabilitation	C
Burn Rehabilitation	C
Stroke Rehabilitation	B

Benjamin Nguyen, M.D.

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

Kelly Scott, M.D.

Physical Medicine and Rehabilitation

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

Kavita Trivedi, D.O.

Spine Care and Pain Procedures	B
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## Physiology

Yi Liu, Ph.D.

Protein PTM Analysis using Mass Spectrometers

Why Mass Spectrometry is useful for Medical Research	C
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Shmuel Muallem, Ph.D.

Cystic Fibrosis

Ca <sup>2+</sup> signaling – (Disease-Mucopolipidosis Type IV)	C
Epithelial Transport – (Disease-Cystic Fibrosis)	C

Joyce Repa, Ph.D.

Internal Medicine , Physiology B  
Alternative and Complementary Medicine B

Abigail Soyombo-Shoola, Ph.D.

Mucopolidosis 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 B

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

Advances in Cosmetic Surgery B

What's New and What Works B

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

Hand Surgery B

Breast Reconstruction B

Sumeet Teotia, M.D.

Plastic & Reconstructive Surgery

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

Breast Reconstruction B

Plastic Surgery Mission Trips Around the World B

The Art and Science of Plastic Surgery B

Transplantation Immunology B

Classical Drawing Methods B

State of Cosmetic Surgery B

History of Drawing: From Caves to Canvas B

Humanitarianism through Medicine B

Xenotransplantation B

James Thornton, M.D.

Facial Reconstruction B

## Poison Control

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

Poison Prevention in Children B

Use of Poison Control Center B

## Psychiatry

James Bibb, Ph.D. - Neuroscience

Neuroscience B

Neuronal Signal Transduction B

Learning and Memory B

Neurodegenerative Disorders B

Neurological Disorders B

Neuropsychiatric Disorders	B
Drug Addiction	B
Tourette Disease	B
Stroke	B
Neurotoxicity	B
Schizophrenia	B
Aging	B

Anna Brandon, Ph.D. – Clinical Psychologist

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

Adam Brenner, M.D.

Psychotherapy	B
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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)	L
Emotional and Behavioral Adaptation to one of Several Neurological Disorders	L
Caregiving	L

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

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

Christine Castillo, Ph.D.

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

Cynthia Claassen, Ph.D.

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

Psychology

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

C. Munro Cullum, Ph.D. – Neurology

Clinical Neuropsychology

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

Eliot deGravelles, M.D.

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

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

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

Dwight German, Ph.D. – Neurodegenerative Diseases

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

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

Schizophrenia – Biological Basis for the Disease, Genetic and Environmental Contributors	B
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Michael Gottlieb, Ph.D.

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

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

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

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

Jamie A. Grollman, Ph.D. – Psychiatry

Chronic Medical Illnesses with Children

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

Jami N. Gross, Ph.D. – Psychiatry

Adult and Pediatric Health Psychology

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

Lana Harder, Ph.D.

Pediatric Neuropsychologist

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

Cognitive and Psychosocial functioning in Pediatric Patients with Muscular Dystrophy	B
Transition to College for Students with Cognitive and/or Medical Conditions, Including Legal Aspects of this Transition and Services Available	B
John Herman, Ph.D. – Pediatrics	
Sleep Research	B
Sleep Medicine	B
Avery Kathryn Hoenig, Ph.D. – Children’s Medical Center	
Pediatric Psychiatry	
Adolescent Suicide and Depression	B
Autism	B
Cognitive Behavior Therapy	B
Celia Jenkins, M.D.	
Depression	B
Anxiety	B
End-of-Life Psychological Issues	B
Psychopharmacology	B
Psychiatric Illness Resulting from Medical Illness	B
Medical Decision-Making Capacity	B
Catherine Karni, M.D. – Pediatric Psychiatrist	
Autism	B
Michael Kashner, Ph.D., J.D. – Health Economics, Health Services Research	
Cost-Effectiveness of Treatments for Mental Illness focusing on Depression	B
Cost of Health Care in the US	B
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	B
Teach Ethics	B
Critical Incident Debriefing/Defusing with Diasaster Related Incidents	B
Recovery Work From Trauma	B

Urszula Kelley, M.D.

Eating Disorders B

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

Mood Disorders B

Brain Stimulation B

Treatments in Mood Disorders B

Functional Imaging of Mood disorders B

Functional Brain Imaging to Detect Deception B

Benji Kurian, M.D. – Psychiatry

Depression & Anxiety B

Dana Labat, Ph.D.

Eating Disorders in Childhood/Adolescence B

Mary Lazarus, Psy.C. – Psychiatry

Pediatric Sickle Cell

Coping with Pain, Adherence, Psychosocial Issues Related to Chronic Illness L

Anxiety Related to Medical Procedures for Children with Sickle Cell L

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

Pediatric Eating Disorders B

Psychological Assessment of Children and Adolescents B

Shawn McClintock, Ph.D.

Mood Disorders (particularly major depressive disorder)

Neurocognitive Functioning B

Neurostimulation Therapies Including Electroconvulsive Therapy B

Transcranial Magnetic Stimulation B

Vagus Nerve Stimulation B

Magnetic Seizure Therapy B

Lisa Monteggia, Ph.D.

Depression Research B

Autism Spectrum Disorders B

David Morris, Ph.D.

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

Carol North, M.D.

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

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

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

Psychiatry	B
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Gabriela Reed, Ph.D. – Psychiatry

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

Wendy Ringe, Ph.D.- Clinical Psychology

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

John Sadler, M.D. – Clinical Sciences

General Medical Ethics

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

Psychiatric Ethics/Philosophy of Psychiatry

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

Kirti Saxena, M.D.

Pediatric Bipolar Disorder – Diagnosis and Treatment	B
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David Self, Ph.D.

Psychiatry	C
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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
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Suresh Sureddi, M.D.

Bipolar Disorder	B
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Carol Tamminga, M.D.

Schizophrenia	B
Psychosis	B
Human Brain Imaging	B

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

Psychiatry and Law	B
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Kathlene Trello-Rishel, M.D. – Psychiatry

Child and Adolescent Psychiatrist

ADHD	B
Recognizing Mental Illness in Children and Adolescents	B
Myron Weiner, M.D. – Neurology	
Geriatric Psychiatry	
Treatment of Alzheimer's Disease	B
Living with Alzheimer's Disease	L
Treating Cognitive Symptoms of Alzheimer's Disease	C
Treating Behavioral Symptoms of AD	C
Psychopharmacology of AD	C
Arthur Westover, M.D.	
Amphetamines and Methamphetamines	B
Crista Wetherington, Ph.D.	
Psychosocial Adjustment to Chronic Illness	B
Early Childhood Development	B
Parenting Techniques and Behavior Management Strategies	B
Autism	B
Parental Mental Health in NICU Families	B
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)	B
Alison Wilkinson, Ph.D.	
General Neuropsychology	
High Functioning Autism	B
Asperger's Disorder	B
Nonverbal Learning Disabilities	B
Kyle Womack, M.D. - Neurology	
Dementia	C
Alzheimer's Disease	C
Frontotemporal Dementia	C

Dixie Woolston, Ph.D. – Psychiatry

Neuropsychology	B
fMRI of Executive Functioning	B
Neuropsychological Assessment of Hispanics	B

Tyler Wooten, M.D. – Pediatric Psychiatrist

Pediatric Eating Disorders	B
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## **Public Affairs & Research Ethics**

Suzanne Rivera, Ph.D. – Administration

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

## **Pulmonary Medicine**

Tony Babb, Ph.D. – Internal Medicine

Pulmonary & Critical Care Medicine

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

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

Environmental & Pulmonary Medicine

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

Daniel M. Goodenberger, M.D.

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

Peter Lockett, M.D. – Pediatric Pulmonologist, Critical Care

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

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

Pulmonary Medicine

End Stage Lung Disease B  
Cystic Fibrosis B  
Lung Transplantation B

Felix Shardonofsky, M.D. – Pediatrics

Pediatric Pulmonary Medicine B

## **Radiation Oncology**

Jessamy Boyd, M.D.

Cancer B  
Sandeep Burma, Ph.D.

DNA Damage Responses to Gamma Rays and Galactic Cosmic Rays B

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

DNA Double Strand Break Repair and Signaling Events C

Hak Choy, M.D., Chair

Lung Cancer B  
Radiation Therapy B

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 Trasdution 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	B
Michael Story, Ph.D.	
Intrinsic Radiosensitivity	
Genomic Analysis as a Predictor of Therapeutic Response	B
Radiation Exposures to Astronauts and Their Carcinogenic Risk	B
Robert Timmerman, M.D.	
Stereotactic and Image Guided Radiation Therapy in Multiple-Organ Sites	C

## **Radiology**

Jon Anderson, Ph.D. – Medical Physics & Radiation Physics	
Positron Emission Tomography (technology, testing of scanners, design of appropriate facilities and radiation shielding for PET)	B
X-ray and gamma-ray shielding and safety practices in medical applications	B
Nuclear Medicine (technology and safety practices)	B
Radiation hazards and safety practices (x-ray and nuclear radiation)	B
Radiation safety and informed consent in medical studies involving the exposure of subjects to radiation	B
Computed Tomography (CT)	B
Cecelia Brewington, M.D. – General Medicine	
Appropriate Radiologic Procedures for Problem Solving	
Richard Briggs, Ph.D. – Internal Medicine	
Research in Magnetic Resonance Neuroimaging Methods	
MRI, DTI, ASL, MRS and Integrated MRI-EEG (Techniques and Applications to Stroke, Alzheimer’s and Gulf War Illness)	B
Travis Browning, M.D. – Radiology	
Body Imaging	B
Radiology Informatics	B
Jeffrey Cadeddu, M.D. – Urology	
Kidney Cancer	C

Prostate Cancer	C
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	C
Shellie Josephs, M.D.	
Interventional Oncology	
Coronary Artery Disease CT Scan	B
Peripheral Vascular Disease CT Scan	B
Uterine Fibroid Embolization	B
Varicose Vein Treatment	B
Hemodialysis Access	B
Padmakar Kulkarni, Ph.D.	
Medical Imaging in General	
Nuclear Medicine Imaging	B
Ralph Mason, Ph.D.	
Radiology	B
Dana Mathews, M.D., Ph.D. – Neurology	
Nuclear Medicine	C
PET Imaging	C
Neurology Imaging	C
Michael Morriss, M.D. – Pediatric Neuroradiologist	
Use of Neuroimaging in Pediatric Development & Trauma	B
Lucien Nedzi, M.D. – Radiation Oncology	
Brain Tumors & Stereotactic Techniques in Radiation Therapy	
Primary Brain Tumors	B
Optimal Management of Metastatic Disease to the Brain	B
Stereotactic Radiosurgery for Primary Brain Tumors	B
Stereotactic Body Radiation Therapy (SBRT)	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

Marcia Pritchard, M.D.

Neonatal Radiology

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

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

Metabolic Imaging of Calf Muscles and Liver using MRI	B
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Nancy K. Rollins, M.D. - Pediatrics

Pediatric Radiology

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

Mohammad Sarwar, M.D.

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

Molecular Imaging	L
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Michael Story, Ph.D. – Radiation Oncology

Intrinsic Radiosensitivity

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

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

Lipotoxic Heart Disease	B
Fatty Liver	B
Masaya Takahashi, Ph.D. – Advanced Imaging Research Center	
MR Imaging	
MR Microscopy in in vivo Small Animals	C
Brain and Lunch Imaging	C
Seth Toomay, M.D. – Radiology	
Interventional Radiology	B
Clayton Trimmer, D.O.	
Interventional Radiology	
Cancer Therapy	B
CTAngiography and MR Angiography	B
Temporary IVC Filters	B
Diane Twickler, M.D. – Obstetrics & Gynecology	
Current Trends in Imaging of the Fetus	C
Zhlyue “Jerry” Wang, Ph.D. – Radiology	
Magnetic Resonance Imaging Physics	
MR Spectroscopy of Metabolilc Diseases	B
Lipid Metabolism	B
MR Imaging of Iron Overload	B
Functional MRI of the Brain	B
Diffusion Tensor Imaging	B
Anthony Whittemore, M.D., Ph.D.	
Neuroradiology	
MRI	B
Brain Perfusion	B
Qing Yuan, Ph.D.	

MRI B

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

Imaging of Preclinical Tumor Pathophysiology C

## **Rheumatology**

David Minna, M.D.

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

Childhood Arthritis C  
Lupus C  
Dermatomyositis C

Tianfu Wu, Ph.D. – Internal Medicine

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

## **Sickle Cell Disease**

George R. Buchanan, M.D. – Pediatrics

Sickle Cell Disease B

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

Neurologic Complications of Sickle Cell Disease B  
Stroke in Sickle Cell Disease B

Charles Quinn, M.D. – Pediatrics

Sickle Cell Disease B  
Zora R. Rogers, M.D. – Pediatrics

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

## **Smoking Cessation**

David Balis, M.D. – Internal Medicine

Smoking Cessation B

Melanie Biggs, Ph.D. – Psychiatry

Treatment Package L

## **Stress Management**

Melanie Biggs, Ph.D. – Psychiatry L

## **Stroke**

James Bibb, Ph.D. – Neuroscience

Stroke B

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

Stroke in Children B

Stroke in Sickle Cell Disease B

Mark Johnson, M.D.

Vascular Neurology

Stroke B

Duke Samson, M.D.

Stroke B

Neurosurgery B

Jonathan White, M.D.

Stroke B

Neurosurgery B

Wengui Yu, M.D., Ph.D. – Neurology

Neurological Care & Stroke

“Neurocritical Care: Brain Resuscitation in 21<sup>st</sup> Century” C

“Current Management of Subarachnoid Hemorrhage” C

“Treatment of Acute Stroke” C

“Contemporary Management of Intracerebral Hemorrhage” C

## Surgery

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

### Heart Surgery

Ventricular Assist Devices	B
Aortic Root Surgery	B

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

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

Robert Eberhart, Ph.D. – Engineering in Surgery

### Bioengineering in Medicine and Surgery

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

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

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

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

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

Nilda Garcia, M.D. – Pediatric Surgery

Anorectal Malformations	B
Trauma in Children	B

Barry Hicks, M.D. – Pediatrics

Pediatric Surgery	B
Jiwon Lee, M.D. – Surgery	
Surgery	B
John C. Mansour, M.D. – Surgery	
Gastrointestinal Surgical Oncology	
Gastric Cancer	B
Pancreas Cancer	B
Cystic Neoplasms of the Pancreas	B
Duodenal Cancer	B
Periampullary Cancers	B
Liver Cancer	B
Biliary Cancer	B
Liver Metastases	B
Colorectal Metastases	B
Colon Cancer	B
Gastrointestinal Stromal Tumors (GIST)	B
Interpreting Response to Preoperative Surgery	B
Individualized Cancer Care	B
Robert Minkes, M.D., Ph.D. – Surgery	
Pediatric Surgery	
General Pediatric Surgery Topics	B
Laparoscopic Pediatric Surgery	B
Minimally Invasive Pediatric Surgery	B
Advances in Pediatric Surgery	B
Neonatal Surgery	B
Abdominal Pain in Children	B
Surgical Treatment of Cutaneous Abscesses	B
Experience at a Children’s Hospital During Hurrigan Katrina	B
John Pillow, M.D. – Surgery	
Emergency Medicine	B
Medical Director Activities in EM	B
David Schindel, M.D. - Pediatrics	
Pediatric Surgery	B

Kathia Steel, D.D.S., M.S. – Prosthodontics

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

James Valentine, M.D.

General Surgery	B
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Michael VanPelt, D.P.M. – Podiatry

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

Chronic and Acute Facial Pain	C
Temporomandibularjoint Disorders	C
Trigeminal Nerve Sensory Disorders	C

## **Endocrine Surgery, Gastroenterology**

Shelby Holt, M.D.

Thyroid	B
Parathyroid	B

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

Adrenal Disease	B
ParaThroid Diseases	B
Thyroid Diseases	B
Pancreatic Diseases	B
Endocrine Surgery	B

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

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

## **Bariatric Surgery, Gastroenterology**

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

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

## **Transplantation**

Meelie DebRoy, M.D. – Surgery

Abdominal Transplant Surgery (Liver, Kidney, Pancreas)

Organ Donation	B
Organ Transplantation	B

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

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

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

Heart Transplantation	C
Lung Transplantation	C
Transplantation Issues	L

## **Urology**

Linda Baker, M.D. – Pediatric Urology

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

Jeffrey Cadeddu, M.D. – Radiology, Surgery

Endourologic Management of Stone Disease	C
Kidney Cancer	L
Laparoscopic Donor Nephrectomy	C
Laparoscopic Nephrectomy for Benign & Malignant Disease	C
Laparoscopy in Urology	L
Prostate Cancer and PSA Testing	L

Gary Lemack, M.D.

Treatment of Urinary Incontinence	B
Overactive Bladder	B
Bladder Disorders in Neurological Disease (MS, Spinal Cord Injury, Stroke)	B
Pelvic Prolapse	B

Joseph Schaffer, M.D. – Obstetrics & Gynecology, Urogynecology

Female Urinary Incontinence	B
Pelvic Organ Prolapse	B

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

Hypospadias Repair	B
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Philippe Zimmern, M.D.

Urinary Incontinence in Women and Men	
Pelvic Organ Prolapse in Women	B
Bladder Dysfunction	B

## Wellness

Mark DeHaven, Ph.D.

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

Nora Gimpel, M.D.

Community Research/Collaboration	L
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Manjula Julka, M.B.B.S.

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

Karen E. Meador, M.D. – Pediatric

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