

CENTER FOR METABOLIC BONE DISEASE
Visiting Experts/Speakers

2008	
01-17-08	Jane Cauley, DrPH , Department of Epidemiology, University of Pittsburgh Title: To be determined Co-host with CERTs
02-21-08	J. Wesley Pike, PhD , Professor of Biochemistry, University of Wisconsin, Madison Title: To be determined
03-06-08	Rik Derynck, PhD , Professor and Vice-Chair, Department of Cell and Tissue Biology, University of California, San Francisco Title: To be determined
04-17-08	Roland Baron, DDS, PhD , Professor of Orthopaedics and Rehabilitation and Director, Orthopaedic Biology Laboratories, Yale University School of Medicine Title: To be determined
05-15-08	Kristine E. Ensrud, MD , Professor of Medicine and Epidemiology and Director, Epidemiology Clinical Research Center, University of Minnesota Title: To be determined
06-19-08	Speaker to be announced
09-18-08	Speaker to be announced
10-16-08	Douglas P. Kiel, MD, MPH , Associate Professor of Medicine, Harvard Medical School Title: To be determined
11-20-08	Speaker to be announced
2007	
01-18-07	Dwight A. Towler, MD, PhD , Ira M. Lang Professor of Medicine, Washington University Title: TNF-alpha and BMP2-Wnt Signaling in Diabetic Vascular Disease
01-25-07	Dianqing (Dan) Wu, PhD , Professor of Pharmacology, Yale University School of Medicine Title: Signaling Mechanisms and Functions for Wnts and Chemoattractants Co-host with Molecular and Cellular Pathology
02-07-07	Paul D. Miller, MD , Medical Director, Colorado Center for Bone Research Title: Bisphosphonates for Life?
02-15-07	Robert A. Nissenson, PhD , Professor of Medicine, VA Medical Center, University of California, San Francisco Title: Regulation of Skeletal Homeostasis by G Protein Signaling in Osteoblasts
03-15-07	Pamela G. Robey, PhD , Chief, Craniofacial and Skeletal Diseases Branch, National Institute of Dental and Craniofacial Research, NIH Title: Skeletal Stem Cells in Health and Disease
03-29-07	G. David Roodman, MD, PhD , Professor of Medicine and Director, Center for Bone Biology, University of Pittsburgh Title: Paget's Disease – Virus or Gene? Co-host with Molecular and Cellular Pathology
04-19-07	Eric S. Orwoll, MD , Professor of Medicine and Director, General Clinical Research Center, Oregon Health & Science University Title: Fractures in Older Men: Lessons from the Study of Osteoporotic Fractures (MrOS)
05-17-07	Janet Rubin, MD , Professor of Medicine, University of North Carolina Title: Mechanical Induction of a Pro-anabolic, Anti-catabolic State in Bone
06-21-07	David B. Burr, PhD , Professor and Chair, Department of Anatomy & Cell Biology, Indiana University School of Medicine Title: The Effects of Pharmacologic Agents Used to Treat Postmenopausal Osteoporosis on Bone Matrix Material Properties

CENTER FOR METABOLIC BONE DISEASE
Visiting Experts/Speakers

06-29-07	William V. Giannobile, DDS, DMedSc , Najjar Professor of Dentistry, and Director, Michigan Center for Oral Health Research; and Associate Professor of Biomedical Engineering, University of Michigan <i>Title:</i> Periodontal Bioengineering
06-29-07	Thomas A. Einhorn, MD , Professor and Chair, Department of Orthopaedic Surgery, Boston University School of Medicine <i>Title:</i> The Cell and Molecular Biology of Bone Repair and Regeneration
10-04-07	Clifford J. Rosen, MD , Maine Center for Osteoporosis Research & Education <i>Title:</i> Genetics of IGF and the Skeleton
11/15-07	To be announced
2006 (17 Speakers)	
01-19-06	Bess Dawson-Hughes, MD , Professor of Medicine and Director, Bone Metabolism Laboratory, Tufts University <i>Title:</i> Role of Vitamin D in Musculoskeletal Health
02-16-06	John P. Bilezikian, MD , Professor of Medicine and Chief of Endocrinology, Columbia University College of Physicians and Surgeons <i>Title:</i> The Top Ten Paradoxes of PTH as a Therapy for Osteoporosis
02-23-06	Henry J. Donahue, PhD , Baker Professor and Vice Chair for Research, Pennsylvania State University College of Medicine <i>Title:</i> Intercellular Communication in Bone Co-host with Molecular and Cellular Pathology
03-02-06	Deborah Novack, MD, PhD , Assistant Professor of Medicine, Washington University <i>Title:</i> Classical and Alternative NFκB Signaling in Osteoclasts Co-host with Molecular and Cellular Pathology
03-16-06	Sundeep Khosla, MD , Professor of Medicine and Director, Endocrine Research Unit, Mayo Clinic College of Medicine <i>Title:</i> Circulating Osteogenic Cells in Humans
04-20-06	David W. Dempster, PhD , Professor of Clinical Pathology, Columbia University College of Physicians and Surgeons, and Director, Regional Bone Center, Helen Hayes Hospital <i>Title:</i> Bone Quality: Is it Important Or a Passing Fad?
05-17-06	Mone Zaidi, MD, PhD, FRCP , Professor of Medicine and Director, Mount Sinai Bone Program, Mount Sinai School of Medicine <i>Title:</i> The Pituitary in Control of Bone
05-17-06	William J. Sharrock, PhD , Health Science Administrator, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health <i>Title:</i> Priorities and Trends at NIAMS and NIH
05-17-06	John S. Adams, MD , Professor and Director, Division of Endocrinology, University of California-Los Angeles <i>Title:</i> Vitamin D as a Defensin
05-17-06	Lynda F. Bonewald, PhD , Lefkowitz Professor and Director, Bone Biology Research Program Department of Oral Biology, University of Missouri at Kansas City <i>Title:</i> Osteocytes as Dynamic, not Passive Cells
05-17-06	Ted S. Gross, PhD , Associate Professor, Department of Orthopaedics and Sports Medicine, University of Washington <i>Title:</i> Do Your Bones Care What Your Muscles Are Doing?
05-17-06	Theresa A. Guise, MD , Professor, Department of Medicine, University of Virginia <i>Title:</i> TGFβ in Bone Metastases
06-15-06	Lawrence G. Raisz, MD , Board of Trustees Distinguished Professor Medicine and Director, Musculoskeletal Institute, University of Connecticut Health Center <i>Title:</i> Prostaglandins and Bone

CENTER FOR METABOLIC BONE DISEASE
Visiting Experts/Speakers

09-21-06	Jay M. McDonald, MD , Professor and Chair, Department of Pathology and Director, Center for Metabolic Bone Disease, University of Alabama at Birmingham Title: Health Care on the Trip to Mars
10-05-06	M. Cynthia Farach-Carson, PhD , Professor of Biological Sciences and Director, Center for Translational Cancer Research, University of Delaware Title: Heparan Sulfate Proteoglycans and Prostate Cancer Metastasis to Bone Co-host with Molecular and Cellular Pathology
10-19-06	B. Lawrence Riggs, MD , Professor of Medicine, Mayo Clinic College of Medicine Title: Application of New Technologies for Non-invasive Assessment of Bone Structure, Bone Quality, and Bone Strength: Impact of Results on Current Paradigms of Pathogenesis and Drug Therapy for Osteoporosis
11-16-06	Steven R. Goldring, MD , Chief Scientific Officer, Hospital for Special Surgery, Weill Medical College of Cornell University Title: Pathology Teaches Physiology: A Paradigm for Translational Research
2005 (16 speakers)	
12-15-05	Gary Gibson, PhD , Professor and Director, Bone and Joint Center, Henry Ford Hospital, Detroit Title: The Chondrocyte's Last Gasp. Cell Communication at the Cartilage Bone Interface Co-host with Molecular and Cellular Pathology
12-08-05	Michael Rosenblatt, MD , Dean and Professor of Physiology and Medicine, Tufts University School of Medicine Title: Bones, Hormones and Cancer: Hormone-Receptor Interactions for Parathyroid Hormone and Development of an Animal Model of Skeletal Metastasis Co-host with Molecular and Cellular Pathology
12-07-05	Chenbei Chang, PhD , Assistant Professor, Department of Cell Biology, The University of Alabama at Birmingham Title: Regulation of Early Xenopus Development by TGF- β Co-host with Cell Biology
11-17-05	Steven A. Goldstein, PhD , Henry Ruppenthal Family Professor of Orthopaedic Surgery and Bioengineering and Associate Chair for Research, University of Michigan Title: Mechanical and Biologic Influences on Bone Formation, Repair and Regeneration
10-20-05	Millie Hughes-Fulford, PhD , Professor of Medicine and Director, Laboratory of Cell Growth, Veterans Affairs Medical Center, University of California, San Francisco Title: Mechanical Stress Response in Bone: The Gravity of the Situation
09-29-05	Fanxin Long, PhD , Assistant Professor of Medicine, Washington University Medical School Title: Hedgehog and Wnt Signaling in Skeletal Development Co-host with Molecular and Cellular Pathology
09-15-05	Mone Zaidi, MD, PhD , Professor of Medicine and Director, Mount Sinai Bone Program, Mount Sinai School of Medicine Title: Pituitary Hormones and Bone Remodeling
09-14-05	Maurizio Pacifici, PhD , Associate Director, Department of Orthopaedic Surgery, Thomas Jefferson University Title: Mechanisms of Synovial Joint and Articular Cartilage Development Co-host with Cell Biology
06-16-05	Roberto Pacifici, MD , Herndon Professor of Medicine and Director, Division of Endocrinology, Emory University School of Medicine Title: Estrogen Repression of T Cell Function. Is This How Sex Steroids Prevent Bone Loss?
05-19-05	Laurie K. McCauley, DDS, PhD , William K. and Mary Anne Najjar Professor and Chair, Department of Periodontics, Prevention & Geriatrics, University of Michigan School of Dentistry Title: Anabolic Actions of Parathyroid Hormone in Bone: Role of Cells in the Bone Marrow Microenvironment
04-21-05	Elizabeth Shane, MD , Professor of Clinical Medicine, Columbia University College of Physicians & Surgeons

CENTER FOR METABOLIC BONE DISEASE
Visiting Experts/Speakers

	Title: Transplantation Osteoporosis: Pathogenesis and Management
03-17-05	Vincent C. Hascall, PhD , Co-Director, Orthopaedic Research Center, Department of Biomedical Engineering, The Cleveland Clinic Foundation Title: Is the Matrix the Gate to Inflammation?
02-17-05	Gary S. Stein, MD , The Gerald L. Haidak, MD and Zelda S. Haidak Distinguished Professor and Chair of Cell Biology, University of Massachusetts Medical Center Title: Intranuclear Organization and Assembly of Transcriptional Regulatory Machinery: Implications for Biological Control of Cancer
02-15-05	Yubo Sun, PhD , University of Miami School of Medicine Title: Therapeutic Targets for Crystals-Associated Osteoarthritis Cohost with Molecular and Cellular Pathology
02-10-05	Renny Franceschi, PhD , Professor, Department of Periodontics, Prevention & Geriatrics, University of Michigan School of Dentistry Title: Transcriptional Regulation of Osteoblast Differentiation and Applications for Bone Regeneration Cohost with Molecular and Cellular Pathology
01-20-05	Andrew F. Stewart, MD , Professor of Medicine and Chief, Division of Endocrinology, University of Pittsburgh Title: Clinical Use of PTH-Related Protein as a Pure Skeletal Anabolic for the Treatment of Osteoporosis?
2004 (16 speakers)	
11-18-04	Kurt D. Hankenson, DVM, PhD , Assistant Professor of Orthopaedic Surgery and Unit for Laboratory Animal Medicine, University of Michigan Title: Extracellular Factors Controlling Osteoblast Progenitor Differentiation: The Extracellular Matrix and Growth Factors – from Mice to Humans
11-11-04	Peter Rotwein, MD , Professor of Medicine and Director, Molecular Medicine Division, Oregon Health Sciences University Title: The Long and Short of It: Molecular Analysis of the Growth Hormone – Stat5b-IGF-I-Growth Axis Cohost with Molecular and Cellular Pathology
11-03-04	Sherry Werner, MD , Associate Professor of Pathology, University of Texas Health Science Center at San Antonio Title: Role of CSF-1 in Skeletal Tissues Cohost with School of Dentistry
10-21-04	Lynda F. Bonewald, PhD , Lefkowitz Professor and Director, Bone Biology Research Program Department of Oral Biology, University of Missouri at Kansas City Title: Osteocytes as Mechanosensory Cells
09-10-04	Russell T. Turner, PhD , Department of Orthopaedic Surgery, Mayo Clinic Title: PTH: Dr. Jekyll and Mr. Hyde
09-02-04	Brendan F. Boyce, MD , Professor of Pathology and Laboratory Medicine and Director, Surgical Pathology Unit, University of Rochester Medical Center Title: Roles for NF- κ B, c-Fos and src in Osteoclasts
06-03-04	Andre J. van Wijnen, PhD , Associate Professor of Cell Biology, University of Massachusetts Medical School Title: Molecular Biology of the Bone-Specific Transcription Factor Runx2/Cbfa1
05-06-04	Karen Lyons, PhD , Associate Professor, Department of Molecular, Cell & Developmental Biology, UCLA Title: Coordination of Growth Plate Morphogenesis by BMP and FGF Signaling Pathways
04-14-04	John S. Adams, MD , Professor and Director, Division of Endocrinology, University of California–Los Angeles Title: Co-Modulators: Novel Regulators of Sterol/Steroid Hormone Action

CENTER FOR METABOLIC BONE DISEASE
Visiting Experts/Speakers

04-14-04	Ted S. Gross, PhD , Associate Professor, Department of Orthopaedics, University of Washington <i>Title: A Hypoxic Osteocyte is a Stressed Osteocyte</i>
04-14-04	Theresa A. Guise, MD , Professor, Department of Medicine, University of Virginia <i>Title: Endothelins in States of Pathological Bone Remodeling</i>
04-14-04	Mark S. Nanes, MD, PhD , Professor of Medicine, Emory University School of Medicine, Chief, Endocrinology Section <i>Title: Inhibition of Vitamin D Action By Tumor Necrosis Factor-Alpha: New Insights in Transcriptional Cross-Talk</i>
04-14-04	Nicola C. Partridge, PhD , Professor and Chair, Department of Physiology and Biophysics, University of Medicine and Dentistry of New Jersey <i>Title: PTH Responsive Genes and Novel Anabolic Targets</i>
04-08-04	Yongwon Choi, PhD , Professor of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine <i>Title: Regulation of the Osteoimmune System by the TNRF and TCR Superfamilies</i>
04-01-04	Regis J. O'Keefe, MD, PhD , Professor, Department of Orthopaedics, University of Rochester Medical Center <i>Title: TGF-Beta and BMP Signaling in Chondrocytes: Mechanisms Regulating Chondrocyte Maturation and Osteoarthritis</i>
03-04-04	Joseph A. Lorenzo, MD , Professor of Medicine, University of Connecticut Health Center <i>Title: Role of B-Lymphopoiesis in Osteoclastogenesis</i>
2003 (17 speakers)	
12-04-03	Laura D. Carbone, MS, MD , Associate Professor of Medicine and Director, Memphis Metabolic Bone Center, University of Tennessee College of Medicine <i>Title: The Relationship of Sodium Intake to Bone Health</i>
12-02-03	Charles Turner, PhD , Professor, Department of Orthopaedic Surgery and Associate Director, Biomedical Engineering at Indiana University <i>Title: Building Strong Bones: The Roles of Genetics and Biomechanics on Skeletal Biology</i>
10-23-03	Theresa A. Guise, MD , Professor of Medicine and Gerald D. Aurbach Professor of Endocrinology, University of Virginia <i>Title: Molecular Mechanisms of Bone Metastases: Implications for Therapy</i>
10-10-03	Donna Dean, PhD , Deputy Director, National Institute for Biomedical Imaging and Bioengineering, NIH <i>Title: New Opportunities In Engineering And Imaging Sciences Research: A View from NIH's Newest Institute</i>
10-08-03	Benoit de Crombrughe, MD , Professor and Chairman, Department of Molecular Genetics, The University of Texas MD Anderson Cancer Center <i>Title: Genetic Control of Endochondral Bone Formation</i>
10-02-03	Robert S. Weinstein, MD , Professor of Medicine and Director, Bone Histomorphometry Laboratory, University of Arkansas for Medical Sciences <i>Title: Glucocorticoid Action in Bone</i>
06-12-03	David W. Rowe, MD , Professor of Genetics and Developmental Biology, University of Connecticut Health Center <i>Title: Diseases of Bone Viewed as Disorders of the Osteoprogenitor Lineage</i>
05-30-03	Robert Marcus, MD , Medical Advisor, Eli Lilly and Company <i>Title: Parathyroid Hormone: A New Paradigm in Osteoporosis Therapeutics</i>
05-01-03	Robert W. Downs, Jr., MD , Professor of Medicine, Division of Endocrinology and Metabolism, Virginia Commonwealth University School of Medicine <i>Title: Paget's Disease and Fibrous Dysplasia</i>
05-01-03	F. Patrick Ross, PhD , Professor of Pathology, Washington University School of Medicine <i>Title: M-CSF Signaling in Osteoclast Formation and Function</i>
	Arnold I. Caplan, PhD , Professor of Biology and Director, Skeletal Research Center, Case

CENTER FOR METABOLIC BONE DISEASE
Visiting Experts/Speakers

04-09-03	Western Reserve University <i>Title:</i> Mesenchymal Stem Cells and Their Use in Engineered Skeletal Tissue
04-09-03	<i>Linda G. Griffith, PhD</i> , Professor of Chemical and Biological Engineering, Massachusetts Institute of Technology <i>Title:</i> Molecular Design of Biomaterials to Control Cell Behavior
04-09-03	<i>Dawn R. Applegate, PhD</i> , Managing Partner, Applegate & Associates, Inc. <i>Title:</i> The Tissue Engineering Divide: An Explosion in Discovery/An Industry in Peril
03-06-03	<i>J. Edward Puzas, PhD</i> , Donald and Mary Clark Professor of Orthopaedics, University of Rochester School of Medicine and Dentistry <i>Title:</i> Molecular Methods Identify Novel Regulators of Osteoblast Function: Possible Targets for the Treatment of Osteoporosis
02-27-03	<i>Yingzi Yang, PhD</i> , Investigator, Genetic Disease Research Branch, National Human Genome Research Institute, NIH <i>Title:</i> Wnt Signaling in Limb and Skeletal Morphogenesis
01-16-03	<i>Stavros C. Manolagas, MD, PhD</i> , Professor of Medicine and Director, Division Of Endocrinology and Metabolism, University of Arkansas for Medical Sciences <i>Title:</i> Activation of Nongenotropic Estrogen-like Signaling (ANGELS): A Novel Approach to Bone Anabolism and Gender Neutral Therapy of Osteoporosis
01-09-03	<i>Nelson B. Watts, MD</i> , Professor of Medicine and Director, Osteoporosis Center, University of Cincinnati Medical Center <i>Title:</i> The Ethics of Placebo Control Trials for Osteoporosis Therapy
2002 (17 speakers)	
12-19-02	<i>Thomas L. Clemens, PhD</i> , Professor of Medicine and Molecular and Cellular Physiology, University of Cincinnati, Vontz Center for Molecular Studies <i>Title:</i> Genetically Manipulated Mouse Models for the Study of IGF-I Action in Bone
11-05-02	<i>Bjorn R. Olsen, MD, PhD</i> , Hersey Professor of Cell Biology, Harvard Medical School <i>Title:</i> Bone Mass and Osteoporosis – Regulation of Osteoblastic Proliferation and Differentiation
10-03-02	<i>Nancy E. Lane, MD</i> , Associate Professor in Residence of Medicine and Rheumatology, University of California, San Francisco <i>Title:</i> A New Paradigm for Osteoporosis Treatment
05-23-02	<i>Michael Kleerekoper, MD</i> , Professor, Department of Internal Medicine, Wayne State University, Detroit, Michigan <i>Title:</i> Markers Make It Better
05-02-02	<i>Cecilia M. Giachelli, PhD</i> , Associate Professor, Department of Bioengineering, University of Washington <i>Title:</i> Vascular Calcification: Problems, Mechanisms, and Regulation
04-10-02	<i>Julia B. Freeman, PhD</i> , Centers Program Director, NIH, National Institute of Arthritis and Musculoskeletal and Skin Diseases <i>Title:</i> New Programs at the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)
04-10-02	<i>Charles H. Chesnut, III, MD</i> , Professor, Department of Radiology, University of Washington Medical Center <i>Title:</i> The Paradox of Osteoporotic Fracture: Bone Quantity Versus Bone Quality
04-10-02	<i>Keith A. Hruska, MD</i> , Professor, Department of Pediatrics, Washington University <i>Title:</i> The Therapeutic Efficacy of BMP-7 in the Osteodystrophy of Chronic Kidney Disease
04-10-02	<i>Kenneth W. Lyles, MD</i> , Professor, Department of Medicine, Duke University Medical Center <i>Title:</i> Why are Hip Fractures Bad and What Do We Do About Them?
04-10-02	<i>Mark S. Nanes, MD, PhD</i> , Professor, Department of Medicine, Emory University School of Medicine <i>Title:</i> Mechanism of TNF Inhibition of Osteoblast Differentiation
	<i>Nicola C. Partridge, PhD</i> , Professor and Chair, Department of Physiology and Biophysics,

CENTER FOR METABOLIC BONE DISEASE
Visiting Experts/Speakers

04-10-02	UMDNJ Robert Wood Johnson School of Medicine <i>Title:</i> Parathyroid Hormone Regulation of Transcription in the Osteoblast
04-04-02	Ernst B. Hunziker, MD , Professor and Chairman, M.E. Müller Institute for Biomechanics, University of Bern, Bern, Switzerland <i>Title:</i> Tissue Engineering Approaches for Articular Cartilage Repair
01-31-02	Steven L. Teitelbaum, MD , Wilma & Roswell Messing Professor of Pathology, Washington University. <i>Note</i> Dr. Teitelbaum participated in a joint symposium cosponsored by the UAB Center for AIDS Research (CFAR) and the CMBD to evaluate complications of HAART of which osteoporosis is one. <i>Title:</i> Bone Metabolic Disorders of HAART
01-31-02	Philip A. Wood, DVM, PhD , Professor and Chair, Department of Genomics and Pathobiology, University of Alabama at Birmingham. <i>Note</i> Also part of the joint symposium with the CFAR. <i>Title:</i> Of Mice, Fat and Mitochondria
01-24-02	Qian Chen, PhD , Associate Professor, Department of Orthopaedics and Rehabilitation, The Pennsylvania State University College of Medicine <i>Title:</i> Regulation of Bone Formation by PTHrP Through p38 MAP Kinase
01-08-02	Adele L. Boskey, PhD , Professor and Director of Research, Hospital For Special Surgery <i>Title:</i> New Insights Into the Mechanism of Biologic Calcification
01-08-02	Bruce R. Troen, MD , Associate Professor, Department of Geriatrics, Mount Sinai School of Medicine, and Physician/Scientist, Geriatric Research Education and Clinical Center, Bronx VA Medical Center <i>Title:</i> Osteoclast Differentiation and the Regulation of Cathepsin K Gene Expression
2001 (9 speakers)	
11-01-01	Robert P. Heaney, MD , John A. Creighton University Professor, Creighton University <i>Title:</i> Nutritional Co-Therapy for Osteoporosis The Naaman Complex
11-01-01	<i>Title:</i> How Much Vitamin D Do We need? and Where Shall We Get It?
09-20-01	Connie M. Weaver, PhD , Distinguished Professor, Department of Food & Nutrition, Purdue University <i>Title:</i> Bone Resorption: Factors Affecting and Analytical Methods
09-06-01	Ernesto Canalis, MD , Professor of Medicine and Orthopedic Surgery, University of Connecticut School of Medicine, and Director of Research, Saint Frances Hospital and Medical Center <i>Title:</i> Mechanisms of Glucocorticoid Action in Bone. Relevance to Glucocorticoid Induced Osteoporosis
09-06-01	<i>Title:</i> Role of Growth Factors and Their Antagonists in Bone Cell Function
08-23-01	Joseph M. Lane, MD , Professor, Orthopaedic Surgery, and Chief, Metabolic Bone Disease, Hospital for Special Surgery, New York, NY <i>Title:</i> Orthopaedic Management of Osteoporosis Including Kyphoplasty
06-04-01	Jake (Jinkun) Chen, DDS, MS, PhD , Associate Professor, Departments of Pediatric Dentistry and Pathology, The University of Texas Health Science Center at San Antonio <i>Title:</i> Bone Sialoproteins in Tooth and Bone Development
05-03-01	Jay R. Shapiro, MD , Professor, Department of Medicine, and Director, Interdepartmental Center for Space Medicine, Uniformed Services University of the Health Sciences, and Director, Osteogenesis Imperfecta Clinic, Kennedy Krieger Institute <i>Title:</i> Osteogenesis Imperfecta and Treatment with Pamidronate
05-03-01	<i>Title:</i> Bone Loss and the Trip to Mars
04-26-01	Mone Zaidi, MD, PhD, FRCP , Professor, Dept. of Medicine and Geriatrics, Director Mount Sinai Bone Program, Mount Sinai School of Medicine <i>Title:</i> Post-Transplant Bone Disease: Clinical Spectrum, Molecular Mechanisms and Therapy
04-12-01	Stephen E. Harris, PhD , Professor, Department of Medicine, University of Texas Health Science Center <i>Title:</i> Gene Expression Profiles During Osteoblast Differentiation and During Osteocyte

CENTER FOR METABOLIC BONE DISEASE
Visiting Experts/Speakers

	Responses to Mechanical Strain
03-29-01	Patricia Ducy, PhD , Assistant Professor, Department of Molecular & Human Genetics, Baylor College of Medicine Title: Genetic Control of Bone Formation
2000 (6 speakers)	
11-09-00	Paul N. MacDonald, PhD , Associate Professor of Pharmacology, Case Western Reserve Title: Mechanisms of Vitamin D-Mediated Transcription
09-27-00	Jake (Jinkun) Chen, DDS, MS, PhD , Associate Professor, Departments of Pediatric Dentistry and Pathology, The University of Texas Health Science Center at San Antonio Title: Bone Sialoproteins in Tooth and Bone Development
05-09-00	Karl L. Insogna, MD , Associate Professor, Department of Internal Medicine, Yale University School of Medicine Title: Signaling Pathways that Mediate CSF-1's Cytoskeletal Effects in Osteoclasts
04-06-00	Xu Feng, PhD , Postdoctoral Fellow, Washington University Title: Regulation and Function of Integrins in Bone Cells
04-06-00	L. Darryl Quarles, MD , Professor of Medicine and Associate in Pathology, Duke University Medical Center Title: PHEX Function in Osteoblasts: Evidence for a Bone/Kidney Axis
01-12-00	Steven L. Teitelbaum, MD , Wilma and Roswell Messing Professor of Pathology, Jewish Hospital at Washington University Medical Center Title: Osteopetrosis, Osteoporosis, and the Osteoclast
01-13-00	Title: The Molecular Mechanisms of Inflammatory Osteolysis
1999 (6 speakers)	
11-03-99	Daniel T. Baran, MD , Professor, Departments of Medicine, Orthopedics and Physical Rehabilitation, and Cell Biology, University of Massachusetts Memorial Health Care Title: A Review of Randomized, Prospective Studies in the Treatment of Glucocorticoid-Induced Osteoporosis
11-03-99	Title: Why is it Important to Treat the Skeleton in Patients on Steroids
11-04-99	Title: Therapies and Diagnostic Techniques in Osteoporosis
11-06-99	Title: An Orthopedic Approach to Osteoporosis
05-19-99	Joan A. McGowan, PhD , Chief, Musculoskeletal Disease Branch, National Institutes of Health Title: NIH Research Initiatives in Metabolic Disease
05-19-99	Charles H. Chesnut, III, MD , Professor, Department of Radiology, University of Washington Medical Center Title: New Concepts of Osteoporosis Treatment
05-19-99	Carol V. Gay, PhD , Professor, Department of Biochemistry and Molecular Biology, Pennsylvania State University Title: Na/Ca Exchanger in Osteoblasts
05-19-99	Gerard Karsenty, MD , Associate Professor, Department of Molecular and Humana Genetics, Baylor College of Medicine Title: Genetic Control of Osteogenesis
05-19-99	Keith A. Hruska, MD , Ira M. Long Professor of Medicine, Department of Medicine, Washington University Title: The Role of Gelsolin in Skeletal Homeostasis
1998 (3 speakers)	
11-23-98	Stephen J. Marx, MD , Chief, Genetics and Endocrinology Section, Metabolic Diseases Branch National Institute of Diabetes, Digestive, and Kidney Disease, National Institutes of Health Title: Pathophysiology of the Calcipenic States
04-16-98	Richard F. Loeser, MD , Associate Professor, Paul Beeson Faculty Scholar on Aging, Internal Medicine and Rheumatology, Wake Forest University Title: Osteoarthritis Update

CENTER FOR METABOLIC BONE DISEASE
Visiting Experts/Speakers

04-17-98	Title: Aging and Osteoarthritis: Decline in the Chondrocyte Response to IGF-1
	Gerard Karsenty, MD, PhD , Associate Professor, Department of Human and Molecular Genetics, Baylor College of Medicine
02-12-98	Title: Genetic Analysis of Osteoblast Differentiation and Function
1997 (2 speakers)	
	Mone Zaidi, MD, PhD, FRCP , Professor, Department of Medicine and Geriatrics, Director Mount Sinai Bone Program, Mount Sinai School of Medicine
05-29-97	Title: Biology of Calcium Sensing Receptors
	Jasminka Ilich, PhD, RD , Adjunct Assistant Professor, The Ohio State University
03-11-97	Title: Osteoporosis: Its Pediatric Causes and Prevention Opportunitie
1996 (3 speakers)	
	Charles H. Chesnut, III, MD , The Pfizer/American College of Rheumatology Visiting Professor, University of Washington Medical Center
11-20-96	Title: Evaluation and Management of Steroid-Induced Osteoporosis
11-21-96	Title: New Developments in the Diagnosis and Treatment of Osteoporosis
11-21-96	Title: Clinical Utility of Biochemical Markers in Osteoporosis
11-22-96	Title: Diagnostic Imaging in Osteoporosis
	Harmut Malluche, MD , Professor and Chief, Division of Nephrology, Department of Internal Medicine, University of Kentucky
06-19-96	Title: Rheumatology Grand Rounds: Management of Osteoporosis
	Nelson B. Watts, MD , Associate Professor, Department of Medicine, Emory University
01-04-96	Title: Osteoporosis: Overview and Up Date