



*Presented by the:*



---

**August 15 - 16, 2014**  
**Eldorado Hotel**  
**Santa Fe, New Mexico**

---

# 2014 Santa Fe Bone Symposium

August 15, 2014

On behalf of the Osteoporosis Foundation of New Mexico, I welcome you to the 2014 Santa Fe Bone Symposium. I am very pleased to have you participate in this wonderful event in the lovely historic capital of New Mexico. This is an annual forum for the informal exchange of scientific, social and economic information on osteoporosis, bone densitometry and metabolic bone disease. It is also an opportunity to enjoy time with friends, colleagues and world leaders in the field who share your interests. The atmosphere is casual, the altitude is high and the science is exciting. I look forward to having you share your knowledge and experiences with others at this meeting.

While you are here in Santa Fe, please take full advantage of the beautiful surroundings. Enjoy a drive in the mountains, dine in some of the city's fine restaurants, and visit the many museums, historical sites, galleries and shops.

With your help, the Santa Fe Bone Symposium will continue to evolve and improve. For colleagues not able to attend in person, the presentations will be archived online as an enduring medical education webinar at [www.ofnm.org](http://www.ofnm.org), with an option for obtaining CME credits as well.

Before you leave, please devote a few minutes to filling out the online Program Evaluation Form at [www.ofnm.org](http://www.ofnm.org).

I value your opinion on all aspects of this meeting and your advice on how to organize future meetings. Tell me what you would like for next year — from speakers, topics and location, to food, lodging and social activities.

Finally, don't forget to mark your calendar for next year's Santa Fe Bone Symposium on August 8-9, 2015. I hope to see you then.



Mike Lewiecki  
Program Director

# GENERAL INFORMATION

## Symposium Location

Eldorado Hotel  
309 West San Francisco Street  
Santa Fe, NM 87501  
Tel (505) 988-4455 Fax (505) 995-4555  
www.eldoradohotel.com

The Eldorado Hotel is located across the street from the Georgia O'Keefe Museum — just one block from Santa Fe Plaza — and was voted "Best Downtown Hotel" by *Santa Fean* readers. It is built in New Mexico's celebrated Pueblo Revival style, with kiva fireplaces and handcrafted Southwestern furniture. In addition to its 219 luxurious guest rooms and suites, there is the option of three inns within walking distance, each with their own style — Las Palomas with authentic adobe casitas, Worldmark, with contemporary studios and suites, and Zona Rosa with up to three bedroom condos. Other lodging is available nearby as well.

## Santa Fe

Santa Fe, New Mexico provides historic surroundings, enduring cultures, timeless beauty, and sophisticated food and hospitality. Santa Fe is nestled in the Sangre de Cristo Mountains, the southernmost sub-range of the Rocky Mountains, at an altitude of just over 7,000 feet. Founded in 1610 and known as the "City Different," Santa Fe is the oldest state capital in the United States. The city's signature adobe architecture, tree-shaded plaza and winding streets make the city feel more like a foreign destination than one of America's most historic places. Its friendly people, laid back pace, temperate climate and welcoming hospitality make this distinctive city one of the top destinations in the country.

## Transportation

Santa Fe is located 60 miles northeast of Albuquerque and is about an hour scenic drive from Albuquerque International Airport. Car rentals and commercial shuttles are available at the airport.

## Climate

In August, the average daytime maximum temperature is 82 degrees F, with an average nighttime minimum of 55. Sunshine is 71%, with occasional evening showers. Dress is casual during the day, with a sweater or light jacket needed in the evening.

## Santa Fe Opera

This world-renowned outdoor event dominates the social calendar of many opera buffs traveling from the far reaches of the planet to enjoy its splendor. The opera is just a short drive from the Eldorado Hotel. For ticketing information, call (800) 280-4654 or visit them at [www.santafeopera.org](http://www.santafeopera.org).

## Social Activities and Receptions

Cultural tours of Santa Fe and its vicinity are available. There are numerous shops, galleries, restaurants and gardens nearby. Outdoor activities include hiking, biking, swimming, horseback riding, tennis and rafting.

## Accreditation and CME/CE Information

**CME Accreditation:** *This activity has been planned and implemented in accordance with the Essential Areas and policies of the New Mexico Medical Society (NMMS) through joint sponsorship of the Greater Albuquerque Medical Association (GAMA) and the New Mexico Clinical Research & Osteoporosis Center, Inc. GAMA is accredited by the NMMS to provide Continuing Medical Education for physicians.*

*GAMA designates this educational activity for a maximum of 10 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.*

**CE for Nurses:** On the back of the CE certificate, write the reasons the meeting was important to you in your particular work setting. (Source: New Mexico Nurses Association)

**CE for Radiology Techs:** This activity has been approved by the ASRT for 9.5 Category A continuing education credits. Participants must complete the entire activity as designed and approved to earn the credits. (Source: American Registry of Radiologic Technologists)

This year the Santa Fe Bone Symposium has posted the CME certification and evaluation system online — in an effort to continue our Green initiatives.

**Please go to: [www.ofnm.org](http://www.ofnm.org) to complete the evaluation and download your certificate.**

## CME Disclosure Statement

Faculty members are expected to disclose to the program audience any real or apparent conflict(s) of interest that may have a direct bearing on the subject matter of the continuing education program. This pertains to relationships with pharmaceutical companies, biomedical device manufacturers or other corporations whose products or services are related to the subject matter of the presentation topic. The intent of this policy is not to prevent a speaker with a potential conflict of interest from making a presentation. It is merely intended so that any potential conflict should be identified openly, so the listeners may form their own judgments about the presentation with the full disclosure of the facts.

# FACULTY DISCLOSURES

**John P. Bilezikian, MD**

Honorarium/Speaker: Amgen, Lilly, Merck, NPS, Bristol Meyers Squibb, Johnson & Johnson, Radius  
Speaker: Lilly

**Neil Binkley, MD**

Consultant/Advisory Board: Lilly, Merck  
Research Support: Amgen, Lilly, Merck, Opko

**Didier Hans, PhD, MBA**

Consultant: Medimaps Group

**Diane Krueger, BS, CBDT, CCRC**

No financial relationships to disclose

**E. Michael Lewiecki, MD, CCD**

Grant/Research Support: Amgen, Eli Lilly, Merck, GSK  
Scientific Advisory Board: Amgen, Eli Lilly, Merck  
Speakers' Bureau: Amgen, Eli Lilly, Novartis, Warner Chilcott  
Consultant: GSK

**Robert Marcus, MD**

Honorarium/Speaker: Eli Lilly  
Honorarium/Consultant: Amgen  
Retirement Income: Eli Lilly

**Paul D. Miller, MD**

Consultant: Amgen, Lilly, Radius, Merck

**Mary K. Oates, MD**

Honorarium/Speaker: Shionogi, Lilly  
Honorarium/Advisory Committee: Tarsa  
Research Support: Amgen

**Elizabeth Shane, MD**

Honorarium/Speaker: Amgen  
Research Grant: Lilly

# PROGRAM

## FRIDAY, AUGUST 15, 2014

- 7:30 AM – 4:00 PM **Symposium Registration**  
*South Concourse*
- 7:30 AM – 8:15 AM **Continental Breakfast**  
*Zia A - C*
- 7:30 AM – 3:30 PM **Exhibits Open**  
*Zia A - C*
- 8:15 AM – 8:30 AM **Welcome and Introduction**  
E. Michael Lewiecki, MD  
*Anasazi Ballroom*
- 8:30 AM – 9:30 AM **Most Important Advances in Skeletal Healthcare From the Past Year**  
Paul D. Miller, MD  
This is a review of the most clinically relevant publications and presentations since the last Santa Fe Bone Symposium, covering everything that you should know, but might have missed.  
*Anasazi Ballroom*
- 9:30 AM – 10:30 AM **Preventing Fractures in Patients with Dismobility and Immobility**  
Neil Binkley, MD  
An update of evolving concepts of “sarcopenia” and “dysmobility syndrome,” with potential applications for the skeletal health care of patients who are frail or physically impaired.  
*Anasazi Ballroom*
- 10:30 AM – 11:00 AM **Morning Break**  
*Zia A – C*
- 11:00 AM – 12:00 PM **Oral Presentations of Scientific Abstracts**  
Moderated by John P. Bilezikian, MD  
The best abstracts on bone disease by endocrinology fellows in training programs from across the U.S.  
*Anasazi Ballroom*
- 12:00 PM – 1:00 PM **Lunch provided for registered participants**  
*Pavilion*
- 1:00 PM – 2:00 PM **Strategies for Plugging the Black Hole of Osteoporosis Care: Fracture Liaison Services (FLS) for Patients Who Have Already Fractured**  
Mary Oates, MD  
Most patients with fractures are not currently being treated to reduce future fractures. Learn from the experience of others how to develop FLS for your institution or healthcare delivery system.  
*Anasazi Ballroom*

AUGUST 15 – 16, 2014

# PROGRAM (CONTINUED)

- 2:00 PM – 2:30 PM **Afternoon Break**  
*Zia A - C*
- 2:30 PM – 3:30 PM **Premenopausal Osteoporosis: To Treat or Not to Treat?**  
Elizabeth Shane, MD  
New data on the pathophysiology of skeletal fragility in premenopausal women may lead to better choices of therapy to reduce fracture risk.  
*Anasazi Ballroom*
- 4:00 PM **Conclusion of Friday Sessions**

## SATURDAY, AUGUST 16, 2014

- 7:00 AM **Santa Fe Green Chili Fun Run**  
Join your colleagues for a quite early morning tour of Santa Fe while walking or jogging with others at your own pace. This is an experience, not a competition.  
*Meet in lobby*
- 8:30 AM – 2:00 PM **Registration**  
*South Concourse*
- 8:30 AM – 1:30 PM **Exhibits Open**  
*Zia A - C*
- 8:30 AM – 9:00 AM **Continental Breakfast**  
*Zia A - C*
- 9:00 AM – 10:00 AM **When Bone Density is Not Enough: Clinical Implications of Bone Microarchitecture**  
John P. Bilezikian, MD  
Bone density measurement by DXA does not fully explain fracture risk in some patients, such as those with hyperparathyroidism and type 2 diabetes mellitus. New technologies for assessing bone microarchitecture provide insights that may help in management of these patients. Special bonus: new guidelines for the care of asymptomatic primary hyperthyroidism.  
*Anasazi Ballroom*
- 10:00 AM – 11:00 AM **DXA Crash Course for Techs and Clinicians**  
Diane Krueger, BS, CBDT, CCRC  
Everything you need to know about DXA but didn't know to ask. Whether you are a DXA tech or clinician, there is a lot to learn to make DXA a more useful clinical tool in managing osteoporosis patients.  
*Anasazi Ballroom*

# PROGRAM (CONTINUED)

- 11:00 AM – 11:30 AM **Morning Break**  
*Zia A – C*
- 11:30 AM – 12:30 PM **Meet the Professor, Santa Fe Style**  
All Faculty  
Attendees will have the opportunity to ask any question on any topic to one or more faculty members, in small comfortable group settings. This is a fabulous opportunity to learn from the best through interactive discussions.  
*Anasazi Ballroom*
- 12:30 PM – 1:30 PM **Lunch provided for registered participants**  
*Pavilion*
- 1:30 PM – 2:30 PM **The ABC's of TBS (Trabecular Bone Score): From Theory to Clinical Practice**  
Didier Hans, PhD, MBA  
TBS is a method for assessing bone microarchitecture that is an independent predictor of fracture risk. Learn what it is and how it might be used in the management of patients with osteoporosis.  
*Anasazi Ballroom*
- 2:30 PM – 3:30 PM **Hot Topics in Bone Disease**  
Faculty panel – moderated by Robert Marcus, MD  
An open discussion of late-breaking and controversial issues with a faculty panel and participation of all attendees.  
*Anasazi Ballroom*
- 3:30 PM **Conclusion of Santa Fe Bone Symposium**

# SYMPOSIUM FACULTY BIOGRAPHIES

## **John P. Bilezikian, MD, CCD**

Dr. Bilezikian, the Dorothy L. and Daniel H. Silberberg Professor of Medicine, and Professor of Pharmacology at the College of Physicians & Surgeons, Columbia University, is Chief of the Division of Endocrinology and Director of the Metabolic Bone Diseases Program at Columbia University Medical Center. Dr. Bilezikian received his undergraduate training at Harvard College and his medical training at the College of Physicians & Surgeons. He completed four years of house staff training (internship, residency and Chief Residency) on the Medical Service at Columbia Presbyterian Medical Center. Dr. Bilezikian received his training in Metabolic Bone Diseases and in Endocrinology at NIH in the Mineral Metabolism Branch under the tutelage of Dr. Gerald Aurbach. Dr. Bilezikian belongs to a number of professional societies, including the American Society for Bone and Mineral Research, of which he served as President from 1995-1996, and the International Society of Clinical Densitometry, of which he served as President from 1999-2001. He is a member of the Endocrine Society, the American Federation for Clinical Research, the American Society for Clinical Investigation, the Association of American Physicians, the American Association of Clinical Endocrinologists, the American Society for Pharmacology and Experimental Therapeutics, the American College of Endocrinology (that has designated him Master) and the Advisory Medical Panel, Paget's Disease Foundation (1991-2011). He serves on the Board of Governors of the International Osteoporosis Foundation (1998- ) and on its Committee of Scientific Advisors (2001- ). He is Chair of the Endocrine Fellows Foundation. He served as Editor-in-Chief of the *Journal of Clinical Endocrinology and Metabolism* (2000-2004) and as Senior Associate Editor of the *Journal of Bone and Mineral Research* (2008-2012). He is Executive Advisory Editor of *Bone Research* (2013- ). His books include Editor-in-Chief of *The Parathyroids* [1994, 2001, 2013 (in preparation)], and co-editor of *The Aging Skeleton* (1999), *Dynamics of Bone and Cartilage Metabolism* (1999, 2006), *Principles of Bone Biology* (1996, 2002, 2008) and *Osteoporosis in Men* (2010). He has been on numerous panels, including serving as Chair of the NIH Consensus Development Panel on Optimal Calcium Intake (1994) and Co-chair of the last two NIH Workshops on Primary Hyperparathyroidism (2002, 2008). He is a national and international spokesperson for the field of metabolic bone diseases. Dr. Bilezikian's major research interests are related to the clinical investigation of metabolic bone diseases, particularly osteoporosis and primary hyperparathyroidism. He is the recipient of the Distinguished Physician Award of the Endocrine Society, the Frederic C. Bartter Award of the American Society for Bone and Mineral Research (ASBMR) for Excellence in Clinical Research, the John P. McGovern Compleat Physician Award of the Houston Academy of Medicine, the First Annual Global Leadership Award of the International Society of Clinical Densitometry, and Lifetime Achievement Awards of the Armenian American Medical Society of California and the Armenian American Health Professionals Organization. In 2009, he received the Gideon A. Rodan Excellence in Mentorship Award from the ASBMR. He will be receiving the Laureate Distinguished Educator Award of The Endocrine Society later in 2014. His publications, which number over 675, speak to his active original investigative initiatives, as well as his authorship of many reference sources of endocrinology and metabolic bone diseases.

## **Neil Binkley, MD**

Dr. Binkley earned his medical degree from the University of Wisconsin Medical School and subsequently received his training in Internal Medicine at the Marshfield Clinic. After several years in private practice, he returned to the University of Wisconsin in 1990 and completed a geriatric fellowship. He is Board Certified in Internal Medicine and Geriatrics, and is currently a Professor of Medicine at the University of Wisconsin-Madison School of Medicine and Public Health. His research efforts focus on osteoporosis diagnosis, sarcopenia, optimization of fracture risk assessment, vitamin D and nutrition in bone health. Dr. Binkley is Past President of the International Society for Clinical Densitometry and a member of the International Osteoporosis Foundation Committee of Scientific Advisors. He is also member of the American Geriatrics Society, American Society for Bone and Mineral Research, Gerontological Society of America, International Bone and Mineral Society, and Wisconsin Bone Club. He has published over 170 peer-reviewed articles and contributed to numerous textbooks.



# SYMPOSIUM FACULTY BIOGRAPHIES (CONTINUED)

## **Didier Hans, PhD, MBA**

Professor Hans, PhD, MBA, is the Head of Research and Development in the Bone and Joint Department at the Center of Bone Disease at Lausanne University Hospital. In this role, he is involved in a range of clinical, research and teaching activities. Pr. Hans has over 25 years of experience working in the musculoskeletal field, with particular emphasis on DXA, microarchitecture and ultrasound imaging techniques. As a medical expert with radiology expertise, Pr. Hans has served as a co-investigator for several clinical trials involving imaging for some of the world's top pharmaceutical companies, as well as in scientific advisory board of diagnostic companies.

Pr. Hans teaches courses in DXA, bone microarchitecture techniques, ultrasound, body composition and osteoporosis, and lectures around the world. In addition, he is a certified full clinician faculty and full technologist faculty for the International Society of Clinical Densitometry Bone Densitometry course. Pr. Hans served as the first non-North American International Society of Clinical Densitometry (ISCD) President and remained an active member of the ISCD Board of Directors, as well as a member of the scientific advisory committee of the International Osteoporosis Foundation (IOF). He has authored more than 180 articles, over 20 book chapters, and serves as a reviewer and/or member of the editorial board for 10 international scientific journals, including *Osteoporosis International*, *Journal of Bone and Mineral Research*, *Journal of Clinical Densitometry*, *Osteoporosis International* and *Bone*. As a musculoskeletal expert, Pr. Hans has been invited to present at over 350 conferences and events on topics including osteoporosis, bone quality and bone fractures, among other subjects.

Pr. Hans was the recipient of the Dr. John P. Bilezikian ISCD Global Leadership Award (2013) as well as the ISCD clinician of the year award (2006) for distinguished services to the field of bone densitometry. Pr. Hans has been actively involved with the reconciliation between ISCD and IOF, which led to a strategic alliance for the common osteoporosis courses worldwide.

Prior to his current position, Pr. Hans was, for 10 years, the Head of R&D in the Radiology Department, bone and body composition laboratory at University of Geneva, Switzerland. Previously, he was the Director of the Quality Assurance Center for Clinical Research and the Associate Director of R&D for the ultrasound unit at the Osteoporosis and Arthritis Research Group (OARG) at UCSF, San Francisco, USA (directed by Prof. Harry K. Genant). At an earlier stage, he was the Director of both Bone Densitometry, and New Technologies Department and Quality Assurance Center at the Centre d'Epidémiologie des Ostéoporoses in Lyon, France (directed by Profs Pierre J. Meunier and Pierre D. Delmas). Pr. Hans earned a PhD in Human Biology and Medical Physics with honors from Claude Bernard University in Lyon, France. He also earned his Masters of Science degree with honors in the area of Acoustic, Signal and Image Processing and Ultrasound from Claude Bernard University. He recently completed his expertise with a Master of Business Administration in Entrepreneurship from HEC in Geneva, Switzerland.

## **Diane Krueger, BS, CBDT, CCRC**

Diane Krueger received her Bachelor of Science degree at the University of Wisconsin-Madison. She is a certified Clinical Bone Densitometrist and Clinical Research Coordinator. She has been Program Manager of the University of Wisconsin Osteoporosis Clinical Research Program since its inception in 1993. Her research experience and peer-reviewed publications are related to osteoporosis, nutrition and bone densitometry. Additionally, she participates in educational activities affiliated with the American Society for Bone and Mineral Research and the International Society for Clinical Densitometry (ISCD). She is currently President of the ISCD.

## **E. Michael Lewiecki, MD, CCD**

E. Michael Lewiecki, MD, is Clinical Assistant Professor of Medicine at the University of New Mexico School of Medicine, and Director of the New Mexico Clinical Research & Osteoporosis Center. He is a consultant in osteoporosis and metabolic bone disease, Supervisor and Interpreter of Bone Density Studies at his center, and an educator with a special interest in the management of osteoporosis and metabolic bone disease. He is a principal investigator for the Center's osteoporosis clinical trials and the author of many peer-reviewed scientific publications on osteoporosis and bone densitometry.

# SYMPOSIUM FACULTY BIOGRAPHIES (CONTINUED)

## **Paul D. Miller, MD**

Paul D. Miller, MD, is Distinguished Clinical Professor of Medicine at the University of Colorado Medical School in Denver, Colorado. In addition, Dr. Miller is the Medical Director of the Colorado Center for Bone Research in Lakewood, Colorado. After Dr. Miller received his medical degree with distinction from The George Washington University School of Medicine in Washington, DC, he became an intern in medicine and Chief Medical Resident at the University of Rochester School of Medicine in New York. Subsequently, he completed a clinical fellowship and research fellowship in the Division of Renal Diseases at the University of Colorado Medical School.

Treatment of metabolic bone disease has been the primary focus of Dr. Miller's research. Dr. Miller has authored or co-authored more than 300 peer-reviewed publications and book chapters. Dr. Miller is Emeritus Editor of the Journal of Clinical Densitometry.

A Fellow of the American College of Physicians, Dr. Miller is a member of numerous professional organizations. He was a founder of the Metabolic Bone Disease Society of Colorado in 1980, and also the Founding President of the International Society for Clinical Densitometry. Dr. Miller has served on The National Osteoporosis Foundation's Interspecialty Council (NOF), the Professional Practice and Publications Committees of the American Society for Bone and Mineral Research (ASBMR), the Board of Directors of the International Osteoporosis Foundation (IOF), the Committee of Scientific Advisors of the IOF and the National Bone Health Alliance scientific committee to enhance research and education.

Dr. Miller has received numerous awards for his professional contributions including an Honorary Doctorate of Science from Gettysburg College, Gettysburg, PA; Distinguished Alumni Award from The George Washington University School of Medicine, The Lasker Award from The Colorado Chapter of The American College of Physicians, Outstanding Teacher, Publication(s) and Researcher of The Year Awards from the University of Colorado Medical School, and The Outstanding Volunteer Faculty Award from Denver Health and Hospitals. Most recently, Dr. Miller was awarded the Career Achievement Award (2005) and The Distinguished Clinical Professor promotion (2006) by the Department of Medicine of the University of Colorado Medical School and the 2014 President's Award of the International Osteoporosis Foundation (IOF).

## **Mary Oates, MD**

Dr. Mary K. Oates is a board certified Physical Medicine and Rehabilitation specialist. She has been specializing in the diagnosis and treatment of osteoporosis since 1994 and is a Certified Clinical Densitometrist. She is the Medical Director for Research for The Pacific Central Coast Health Centers. She founded the Marian and French Hospital Osteoporosis Centers and is a volunteer faculty member at Cal Poly State University in San Luis Obispo, California. Her clinic practice in Santa Maria, California also focuses on the evaluation of nerve and muscle disorders with EMG and nerve conduction studies. She is actively involved with community education and outreach projects aimed at the prevention and treatment of osteoporosis. She has participated in several osteoporosis pharmaceutical research studies, and observational Body Composition studies using DXA for the evaluation of bone, muscle and fat. Dr. Oates is a graduate of Ohio State University College of Medicine and The University of California, Irvine residency program in Physical Medicine and Rehabilitation.

# SYMPOSIUM FACULTY BIOGRAPHIES (CONTINUED)

## **Elizabeth Shane, MD**

Elizabeth Shane, MD, is Professor of Medicine and Vice Chair of Medicine for Clinical and Epidemiological Research at Columbia University, College of Physicians & Surgeons in New York City. She received her MD from the University of Toronto, and completed her medical residency and training in Endocrinology and Metabolism at the College of Physicians and Surgeons and the Presbyterian Hospital in New York. Her research interests include transplantation osteoporosis, premenopausal osteoporosis, bone disease associated with HIV/AIDS, renal bone disease and bone loss due to medications, and gastrointestinal diseases. Dr. Shane was Associate Editor of the *Journal of Clinical Endocrinology and Metabolism* (2000-2004), Associate Editor of the first-through-sixth editions of the *Primer of the Metabolic Bone Diseases and Disorders of Mineral Metabolism*, and is currently Associate Editor of the *Journal of Bone and Mineral Research* (2013-2018). Dr. Shane is Past President of the American Association for Bone and Mineral Research (ASBMR), and served on the Board of Directors of FASEB from 2007-2011. She chaired or co-chaired ASBMR Task Forces on Ethics in Publishing in 2005, Osteonecrosis of the Jaw in 2006-7, and Atypical Femur Fractures in 2009-10, and again in 2012-13. She serves on the Advisory Council for the National Institute of Arthritis, Musculoskeletal and Skin Diseases (NIAMS). She was awarded the 2013 Frederic C. Bartter Award by the American Society of Bone and Mineral Research for outstanding contributions to clinical investigation in diseases of bone and mineral metabolism.

# ORGANIZERS

The Osteoporosis Foundation of New Mexico is a non-profit 501(c)(3) corporation established to support osteoporosis education and research. In addition to organizing the Santa Fe Bone Symposium, the Foundation sponsors Albuquerque osteoporosis support groups and has been a co-sponsor of osteoporosis awareness events such as the "Stroll & Roll" for Osteoporosis and Arthritis, with the New Mexico Department of Health. Dr. E. Michael Lewiecki is President of the Foundation.



A special thank you to our Program Committee:

E. Michael Lewiecki, MD (Chair)

Michael S. Katz, MD

Marjorie M. Luckey, MD

Robert Marcus, MD

Lance A. Rudolph, MD

# 2014 SANTA FE BONE SYMPOSIUM SUPPORTERS

*Organizers of the Santa Fe Bone Symposium wish to express their gratitude to the following supporters whose generosity in the form of educational grants or donations has made this meeting possible:*

Amgen Inc.

Alexion

Lilly Pharmaceuticals

Merck

Roche Diagnostics

# EXHIBITORS

*The following organizations are supporting the Santa Fe Bone Symposium through their involvement with exhibitions. Please take some time to visit the exhibits before and after the scientific presentations.*

Alexion

Amgen Inc.

GE Healthcare

Greater Albuquerque Medical Association

Hologic

Lilly USA

Medimaps Group

Medtronic

National Bone Health Alliance/NOF

Osteoporosis Foundation of New Mexico

OsteoStrong

X-Ray Associates of New Mexico

## Exhibit Times

Exhibits will be open from 7:30 AM to 3:30 PM on Friday, August 15, 2014 and again from 8:30 AM to 1:30 PM on Saturday, August 16, 2014.

AUGUST 15 – 16, 2014

# DRESS CODE

In accordance with the precedent established at the first Santa Fe Bone Symposium, the wearing of neckties during the scientific presentations is highly discouraged (“No-Tie Rule”). Appropriate action will be taken for all infractions of this rule. See below for the only exception to this rule.

For social activities, ties are optional and generally not necessary in Santa Fe. If you plan on attending the opera, be prepared for cool weather and possible rain. Typical dress for the opera ranges from a tuxedo and evening gown, to jeans and t-shirt with turquoise jewelry. Black capes and other outrageous costume accessories are commonly seen.



## Special Exception to the “No-Tie Rule”

With aging and the onset of institutional lethargy, the symposium organizers have come to realize that there are some individuals (very few, thank goodness) who do not feel comfortable without wearing a tie. Therefore, a tie may be worn, provided it meets certain specifications. If a tie can reasonably be called a “BONE TIE,” it will not be forcibly removed from the owner. For those who wish to wear a bone tie but do not have one, Santa Fe Bone Symposium neckties (and scarves) will be sold on the premises and are also available online at [www.osteoporosisfoundation.org](http://www.osteoporosisfoundation.org). This is an extraordinarily attractive tie, designed under the supervision of Dr. Mike Lewiecki and Dr. David Dempster, with a red chili spine theme and the running logo of the Santa Fe Bone Symposium. Do not leave Santa Fe without one. Proceeds from all sales are used to support osteoporosis educational activities and may help to offset your registration fee for future symposia.

# PROGRAM EVALUATION FORM



In an effort to continue with our “green” initiatives, the program evaluation and CME certificates will be available online only.

Your input counts! To receive full CME/CE credit for this meeting, you must complete evaluations for ALL presentations, and the overall program. Complete an evaluation after each presentation. At the end of the meeting, return to the website to complete the overall program evaluation.

You have until August 31, 2014 to submit your evaluation survey and earn CME credit.

## CME/CE CERTIFICATES

You may access your CME/CE certificate on the website beginning on Monday, August 18, 2014.

Go to: **[www.ofnm.org](http://www.ofnm.org)** to complete the evaluation and download your certificate, or scan\* the QR Code below for direct link.



\*Go to your app store to download a QR Code reader.



AUGUST 15 – 16, 2014



# *SANTA FE BONE SYMPOSIUM* **2015**

*Mark your calendar  
and update your smartphone.*

**Be a Santa Fe Returnee**

**AUGUST 8 – 9, 2015**

*Eldorado Hotel  
Santa Fe, NM*

*As part of our continuing effort to focus on environmental  
responsibility, registration for the 2015 Santa Fe Bone Symposium  
will be available online only.*

# 2014 SANTA FE BONE SYMPOSIUM

## PRESENTED BY: OSTEOPOROSIS FOUNDATION OF NEW MEXICO

### Attendee Roster (As of July 31, 2014)



**Ray Adelizzi**

**Mark Ambler**  
6105 Salcon Cliff  
Austin, TX 78749

**Mohammed Ansari**

**Stephen Aronoff**  
610 Oakmont Ct  
Fairview, TX 75069

**Jeanne Attrep**  
Physician  
11454 W. Clover Way  
Avondale, AZ 85392

**Polly Azar**

**Daniel Baran**  
Medical Affairs Director  
Merck & Co  
49 Colton Lane  
Shrewsbury, MA 01545

**Stephen Barrett**

Director of Drug Discovery, Chemistry  
Cayman Chemical Company  
1180 E. Ellsworth Road  
Ann Arbor, MI 48108

**Elizabeth Barrett-Connor**

Professor & Chief of Division of  
Epidemiology  
University of California San Diego  
6423 Avenida Cresta  
La Jolla, CA 92037

**Pamela Bartels**

Blue Ridge Medical Group  
1445 Airport Rd  
Marion, NC 28752

**Elizabeth Batcher**

**Diandra Co Becenti**  
Physician Assistant  
Orthopedic Associates PA

**Barbara Denise Beck**

2815 W Elk Ave  
Duncan, OK 73533

**John Bilezikian**

Professor of Medicine and Chief of  
Endocrinology  
Columbia University College of  
Physicians & Surgeons

**Neil Binkley**

Professor  
University of Wisconsin Osteoporosis  
Clinical Research Program

**Jenny Blau**

**Mark Box**  
221 W 48th St, Apt 1902  
Kansas City, MO 64112

**Caitlin Brady**

35 Crosby Dr  
Bedford, MA 01730

**Nancy Brimeyer**

3740 Utica Ridge Suite A  
Bettendorf, KS 62722

**Steve Buchanan**

Representative  
Lilly

**J. McCall Bundy**

Physician  
Mercy  
9801 Stonebridge Dr  
Yukon, OK 73099

**Londa Carrasco**

Physician  
Carrasco & Carrasco

**Roberto Carrasco**

Physician  
Carrasco & Carrasco  
1911 Port Lane - Suite 2  
Amarillo, TX 79106

**Mary Ray Cate**

1677 Cerro Gordo  
Santa Fe, NM 87501

**Foiqa Chaudhry**

Clinical Fellow  
University of Florida, Gainesville

**Sandra Chavez**

Representative  
Lilly  
P.O. Box 36598, 5926 Los Hermanos NE  
Albuquerque, NM 87176

**Irene Chiuccchini**

**Nalurporn Chokrugvaranon**

Endocrinologist  
University of Missouri, Kansas City  
13136 Delaware Ct  
Kansas City, KS 66109

**Jenny Coleman**  
Nurse Practitioner  
Kidney and Blood Pressure Clinic

**Kathleen Colleran**  
1 University Blvd. NE  
Albuquerque, NM 87131

**Holly Couture**

**Bruce Cross**  
109 Ernst Pl  
Clovis, NM 88101

**Jeff Dahl**  
17009 South Orchid Flower Trail  
Vail, AZ 85641

**Paula Dakin**  
Clinical Research Medical Director  
Amgen, Inc  
One Amgen Center Drive - MS 27-5-A  
Thousand Oaks, CA 91320

**Karla Demby**  
111 North Park Street  
Cortez, CO 81321

**Louis Deppe**  
205 Windridge Drive  
Boerne, TX 78006

**Christian Dequet**  
1000 Newbury Road, Ste 285  
Newbury Park, CA 91320

**Teresa Deras**

**Didier Hans**

**Patricia Donohue**  
Nurse Practitioner  
Hospital for Special Surgery  
457 Hartford Drive  
Nutley, NJ 7110

**Terry Edwards**  
P.O. Box 51375  
Albuquerque, NM 87181

**Dale Erickson**  
Renal Medicine Assoc.  
2904 Calle Grande, NW  
Albuquerque, NM 87104

**Phillip Esdale**  
3420 Watertown Place  
Birmingham, AL 35243

**Dominique Favell**  
Director, Medical Affairs  
Agnovos Healthcare

**Sharon Fisher**  
4496 Hillcrest Ave  
Juneau, AK 99801

**Frances Fisk**  
Physician and Owner  
New Mexico Gynecology Consult.  
1104 Bryn Mawr NE  
Albuquerque, NM 87106

**David Fittingoff**  
3054 Hollycrest Ave  
Thousand Oaks, CA 91362

**J.D. Florence**

**Susan Freburg**  
ARNP  
Rheumatology Associates

**Rosa Galvez**  
Lovelace Medical Group

**Tatiana Gandrabora**  
Endocrine Fellow  
Temple University Hospital

**Mary Gasal**  
3709 Juniper Hills  
Cedar Park, TX 78613

**Corinne Glock**  
2200 Williams St  
Denver, CO 80205

**Rafael Grau**  
10358 E. Snyder Creek Place  
Tucson, AZ 85749

**David Greenblatt**  
6755 West Beechlands Drive  
Cincinnati, OH 45237

**Bennett Greenspan**  
514 Arrington Avenue  
North Augusta, SC 29841

**Robert Gregerman**  
Professor of Medicine  
Retired  
104 Mossy Cup West  
San Antonio, TX 78231

**Vicki Greiff**  
Internal Medicine Physician  
Arizona Community Physicians  
5690 N Camino Arturo  
Tucson, AZ 85718

**Joseph Griffin**  
3633 Crossings Drive  
Prescott, AZ 86305

**Lissa Gurule**  
IV Coordinator  
NMCROC  
300 Oak St Ne  
Albuquerque, NM 87106

**Madeleine Gutierrez Acevedo**  
Endocrinology Fellow  
San Juan City Hospital

**Dat Ha**

**Thomas Hanson**  
1219 Dry Creek Place  
Las Cruces, NM 88011

**Jennifer Hao**  
Fellow  
University of Wisconsin-Madison

**Alan Harris**  
Chief Medical Officer  
Radius Health  
190 E 72 St Apt 32 C  
New York, NY 10021

**Keith Harvie**  
4325 Carlisle Blvd. NE  
Albuquerque, NM 87107

**Gary Hattersley**  
22 Brandymeade Circle  
Stow, MA 01775

**Catherine Hawthorne**  
Chief Orthopedic Surgery Dept.  
Gallup Indian Medical Center  
305 S Strong Dr  
Gallup, NM 87301

**Erin Henderson**

111 N Park Street  
Cortez, CO 81321

**James Howe**

CEO  
Agnovos Healthcare

**Kirk Hutchinson**

Medical Liaison  
Amgen, Inc  
5420 E. Placita Del Mar  
Tucson, AZ 85718

**Frank Isabelle**

155 Commerce Park Drive  
Westerville, OH 43082

**Mary Jackson****Jill Jandreski**

Alexion

**Judi Jehle**

470 Taylor Road  
Suite 300  
Montgomery, AL 36117

**Amy Jones**

6411 Jefferson Blvd  
Frederick, MD 21703

**Rasesh Kapadia**

10 Lantern Lane  
Wayne, PA 19087

**Curtis Kapsner**

2210 Teodoro NW  
Albuquerque, NM 87107

**Patricia Kapsner**

1 University Blvd. NE  
Albuquerque, NM 87110

**Michael Katz**

Endocrinologist  
Regional Endocrinology Assoc.

**Lily Kaye**

11349 Montana Avenue  
Los Angeles, CA 90049

**Kara Kern**

Physician  
Family Healthcare Affiliates  
2325 Cobblecreek Drive  
Conroe, TX 77384

**Beth Kitchin**

Assistant Professor, Nutrition Sciences  
University of Alabama at Birmingham  
1020 B 42nd Street South  
Birmingham, AL 35222

**Marcia Ko**

6711 East Maverick Road  
Paradise Valley, AZ 85253

**Marlene Kravitz**

300 Oak St NE  
Albuquerque, NM 87106

**Dana Krayeski**

140 Broadway  
46TH FL  
New York, NY 10005

**Diane Krueger**

Research Program Manager  
University of Wisconsin Osteoporosis  
Clinical Research Program

**Pratima Kumar**

7605 Ashleaf Cove  
Austin, TX 78759

**Chian Kent Kwoh**

1501 N. Campbell Avenue  
Room 8303  
Tucson, AZ 85724

**Ivan E Laboy Ortiz**

Endocrinology Fellow  
San Juan City Hospital

**Claudio Lehmann**

4309 Clayton Rd W  
Fort Worth, TX 76116

**Larry Levin**

P.O. Box 867  
Aptos, CA 95001

**E. Michael Lewiecki**

Symposium Director  
Osteoporosis Foundation of New Mexico

**William Long**

231 1st Ave SW  
Hickory, NC 28602

**Marjorie Luckey**

1540 Weimer Road  
Taos, NM 87571

**Denise Ludwig**

Amgen, Inc

**Lynn Mack**

984130 Nebraska Medical Center  
Omaha, NE 68198

**Michelle Mangual Garcia**

Endocrinology Fellow  
San Juan City Hospital

**Paola Mansilla Letelier**

Endocrinology Fellow  
San Juan City Hospital

**Robert Marcus**

Professor Emeritus  
Stanford University

**Michael Maricic**

4022 Calle Vista Ciudad  
Tucson, AZ 85750

**Mary Martinez****Michele McDermott**

Section Chief Menopause and  
Osteoporosis  
The Austin Diagnostic Clinic  
4902 Mantle Drive  
Austin, TX 78746

**Bryan McGee**

8014 E Fairmount Dr  
Denver, CO 80230

**Paul Miller**

Distinguished Clinical Professor of  
Medicine  
University of Colorado Health Sciences  
Center

**Jared Miller**

Physician Assistant  
Orthopedic Associates PA  
2300 E 30th Bld D Ste 101  
Farmington, NM 87401

**Kevin Mills**

Sr Regional Medical Liaison  
Amgen, Inc  
231 Rockland Trail  
Lucas, TX 75002

**Inge Moerman**

Ward De Bockstraat 30  
Lokeren, 9160  
BELGIUM

**Judith Nakashima**

60 Love Court  
Longview, WA 98632

**James Nakashima**

60 Love Court  
Longview, WA 98632

**Sandra Navarro**

Physician- Family Practice  
University Medical Center- El Paso, TX  
5976 Los Pueblos  
El Paso, TX 79912

**Frie Nemariam**

Lovelace Medical Group

**Mary Oates****Jerry Owensby**

6242 E. Arbor Ave  
Suite 111  
Mesa, AZ 85206

**Mary Pace**

Physician  
Tupelo Medical Group  
2013 North Parc Circle  
Tupelo, MS 38804

**Urvi Patel**

2801 Poplar Trl.  
Garland, TX 75042

**Henry Patton**

95 Cornish Trace Drive  
Covington, GA 30014

**Andres Peisajovich**

9250 Florence Ave NE  
Albuquerque, NM 87122

**Kanchan Pema**

Texas Tech University Health Sciences  
Center  
1708 Fred Adkins Lane  
El Paso, TX 79936

**Veronica Piziak****Gloria Rael**

Executive Director  
Albuquerque GED, Inc.

**Varuni Rao**

503 Park Ridge Lane  
White Plains, NY 10603

**Angela Richmond**

2600 Sofamor Danek Drive  
Memphis, TN 38132

**Douglas Rieth**

Internist  
1330 Boiling Springs Rd  
Suite 2500  
Spartanburg, SC 29303

**Debra Riggs**

Family Physician  
Mercy  
9801 Stonebridge Drive  
Yukon, OK 73099

**Carmen Rivera Anaya**

Endocrinology Fellow  
San Juan City Hospital

**Peter Rizk**

Lilly USA  
3900 Ashburton Way  
Flower Mound, TX 75022

**Cheryl Jan Rogers**

DoD  
5439 Childress Drive  
Grand Prairie, TX 75052

**Lance Rudolph**

NMCROC

**Constantine Saadeh**

6842 Plum Creek  
Amarillo, TX 79124

**Alfredo Sanchez Cruz**

Endocrinology Fellow  
San Juan City Hospital

**Narinder Sandhu**

Endocrine Fellow  
Penn State Hershey Medical Center

**David Schade****Lawrence Schreiber**

630 Paseo Del Pueblo Sur  
Suite 150  
Taos, NM 87571

**Alana Serota**

535 E 70th St  
New York, NY 10021

**Elizabeth Shane**

Professor of Medicine  
Columbia University Medical Center

**Pankaj Sharda**

Endocrinology Fellow Physician  
Temple University

**Maryam Sharif**

Endocrinology Fellow  
UNM

**William Shergy**

1511 Bohannon Drive  
Huntsville, AL 35802

**Christine Simonelli**

Medical Director  
HealthEast Osteoporosis Care  
10 Oriole Lane  
North Oaks, MN 55127

**Charla Simpson**

Owner  
OsteoStrong  
6513 Kalgan Rd NE  
Rio Rancho, NM 87144

**Elizabeth Smith**

Director, Clinical Affairs  
Agnovos Healthcare

**Marilyn Sorensen**

223 West 1230 North Suite 206  
Provo, UT 84604

**Richard Stamile**

Orthopedic Surgeon  
Tulsa Bone and Joint Associates, Inc  
4343 South Victor Ave  
Tulsa, OK 74105

**Larry Stonesifer**

**Monica Tanny**

NM Clinical Research and Osteoporosis  
300 Oak St NE  
Albuquerque, NM 87106

**Lesley Teixeira**

Radiographer  
Presbyterian Health Services  
1408 Jardin Rd SW  
Albuquerque, NM 87105

**Patrick Timms, MD, PhD**

Rheumatologist  
Southern Colorado Clinic  
3676 Parker Blvd  
Pueblo, CO 81008

**Isabel Torres**

NM Clinical Research and Osteoporosis  
Center  
300 Oak St NE  
Albuquerque, NM 87106

**Rafael Trinidad Hernandez**

Endocrinology Fellow  
San Juan City Hospital

**Phillip Trujillo****Terry Turner**

Physician  
5581 W. Park Ave  
Chandler, AZ 85226

**Alexander Uihlein**

39 E. Elm St.  
Chicago, IL 60611

**Wim Van Damme**

Ward De Bockstraat 30  
Lokeren, 9160  
BELGIUM

**Ellen Warren**

630 Paseo Del Pueblo Sur  
Suite 150  
Taos, NM 87571

**Bryan Wasson**

Senior Physician  
Health Texas  
400 W I 635 #200  
Irving, TX 75063

**Troy Wester****Todd Weston****Jane Wheeler**

1126 Slide Road  
Lubbock, TX 79416

**Clarence Wheeler**

Kidney and Blood Pressure Clinic  
1126 Slide Road - Suite 4B  
Lubbock, TX 79416

**Michael Whitaker**

13400 E Shea  
Scottsdale, AZ 85259

**Daniel Widholm**

300 Oak St NE  
Albuquerque, NM 87106

**Janette Wiggins**

NM Clinical Research and Osteoporosis  
Center  
300 Oak Street NE  
Albuquerque, NM 87106

**Chris Williamson**

Amgen

**Gary Wood**

Medical Director  
Northwest Women's Imaging  
4771 E Country Villa Dr  
Tucson, AZ 85718

**Keith Woolley**

1153 Lafayette St  
Denver, CO 80218

**Susan Yuditskaya**

Clinical Endocrinology Fellow  
NIH

**Debbie Zeldow**

Sr Director, Clinical Programs  
NBHA

**Mihail Zilbermint**