

## **MONE ZAIDI**

MBBS, MD, PhD, FRCP, FRCPI, FRCPath, MACP, DSc *h.c.*, ScD *h.c.*,  
MD *h.c.*, FRSB, Hon FBPhS, FNASc (India), FNAI (USA), MAE (Europe)

Born: April 30, 1960; Lucknow, India; UK and US citizen

### **QUALIFICATIONS**

MBBS with Honors in Medicine and Pathology, King George's Medical College, India (1983); PhD in Biochemistry and Molecular Biology, Royal Postgraduate Medical School and Hammersmith Hospital, University of London (1987); MD by thesis, University of London (1991); MRCPI (1993); FRCPI (1994); FRCP (1997); FRCPath (1998); MBA, Isenberg School of Management, University of Massachusetts (2012)

### **APPOINTMENTS**

**Mount Sinai School of Medicine, New York:** *Mount Sinai Professor of Clinical Medicine* (2022–); Director, Mount Sinai Center for Translational Medicine and Pharmacology (2021–); Professor of Medicine and of Pharmacology (1999–); Attending Physician at Mount Sinai Hospital (1999–); Director, Geriatrics Research Education and Clinical Center and Chief, Division of Endocrinology, James J. Peter's Veterans Affairs Medical Center, New York (2001–2003)

**Medical College of Pennsylvania, Philadelphia:** Professor of Medicine, Associate Dean for Academic Affairs, and Attending Physician (1997–1999); Chief, Geriatrics and Extended Care Service Line at the Philadelphia Veterans Affairs Medical Center (1996–1998)

**University of Pennsylvania, Philadelphia:** Associate Professor of Medicine, Attending Physician at the University Hospital, and Staff Physician at the Philadelphia Veterans Affairs Medical Center (1996–1997); Adjunct Professor of Biochemistry at the Veterinary School (1999–2013)

**University of Arkansas College of Medicine, Little Rock:** Professor of Medicine, Attending Physician at the University Hospital, and Staff Physician at the Little Rock Veterans Affairs Medical Center

**St. George's Hospital Medical School, London:** Senior Lecturer and Honorary Consultant (1990–1995)

**Royal Postgraduate Medical School and Hammersmith Hospital, London:** Lecturer (1987–1989, made permanent in 1988); Registrar, then Senior Registrar, Wellcome Endocrine Unit (1987–1989); Lady Tata Memorial Fellow under Professor Iain MacIntyre, FRS (1984–1986)

### **SELECT RECOGNITIONS AND AWARDS**

Hariett P. Dustan Award for Outstanding Work in Science Related to Medicine, American College of Physicians  
Elected to *Academia Europaea* as a Foreign Member (2024)

Elected to European Academy of Sciences as a non-EU Member

Doctor of Science (ScD) *Honoris Causa*, University of Connecticut (2023)

Special Recognition Award, Association of Professors of Medicine and Alliance of Academic Medicine (2023)

Honorary Fellowship, British Pharmacological Society (2022)

Elected as Fellow of the United States National Academy of Inventors (2022)

Doctor of Science *Honoris Causa*, King George's Medical College, India (2022) (alma mater)

Mount Sinai Professorship in Clinical Medicine (endowed by Mount Sinai Boards of Trustees) (2022)

Austrian International Research Prize (awarded every 3 years in the bone field) (2022)

Elected as Fellow of the American Association for the Advancement of Science (2019)

The J. Lester Gabilove Award, Mount Sinai School of Medicine (2019)

Fellowship of American Society for Bone and Mineral Research (2019)

Harrison Society Visiting Professor, Vanderbilt University School of Medicine (2018)

Honorary Member, Tinsley Harrison Society, Vanderbilt University School of Medicine (2018)

Elected as Foreign Fellow of the National Academy of Sciences of India (2018)

David Sirota Endocrinologist-of-the-Year, Mount Sinai School of Medicine (2018)

Harrington Scholar-Innovator Award, Harrington Discovery Institute (2017)

Paper in *Nature* selected as one of eight "Notable Advances 2017" by *Nature Medicine* (2017)

Mastership of the American College of Physicians (highest honor) (2017)

Doctorate of Science *Honoris Causa*, Amity University, India (2017)  
Faculty Council Award for Academic Excellence, Mount Sinai Alumni Association (2016)  
President, Interurban Clinical Club (physician–scientist society founded by Sir William Osler) (2016–2018)  
Invited to Membership of The Practitioners Society (oldest medical society in the U.S.) (2016)  
Member, Association of Professors of Medicine (2014)  
Honorary Member, International Chinese Musculoskeletal Research Society (2014)  
Doctor of Science *Honoris Causa*, Sanjay Gandhi Postgraduate Institute of Medical Sciences, India (2013)  
Honorary Professor, Wuhan University (2011–2016)  
*Laurea Honoris Causa Medicina* (Honorary MD), University of Bari, Italy (2010)  
Elected to Association of Osteobiology (Honor Society)  
Elected to the Interurban Clinical Club (2004)  
Elected to Association of American Physicians (2004)  
Research Excellence Award, James J. Peters Veterans Affairs Medical Center, New York (2004)  
Elected to American Society for Clinical Investigation (Senior Member) (2000)  
Nuffield Award for Science Lecturers, London (1988)  
Lady Tata Memorial Fellowship, London (1985)  
Sir Edmund Davis Scholarship, University of London (1984)  
Stott Gold Medal in Pathology, King George’s Medical College, India (1983)  
Vivian Jacob Medal for overall academic excellence, La Martiniere College, India (1973)

### **SELECT KEYNOTE AND NAMED LECTURESHIPS**

Endocrinology Grand Rounds, National Institutes of Health (NIH) (2024)  
Special Neuroendocrinology Lecture—Oxford Talks, University of Oxford (2024)  
Opening Lecture, 42<sup>nd</sup> Annual Meeting of the Japanese Society for Bone and Mineral Research (2024)  
Commencement Address, University of Connecticut Commencement Ceremony (2023)  
Keynote Lecture, International Chinese Musculoskeletal Conference (2023)  
International Guest Speaker, 20<sup>th</sup> Avison Biomedical Symposium, Yonsei University, Korea (2023)  
C Warren Olanow Lecture, Friedman Brain Institute, Mount Sinai School of Medicine (2023)  
International Prize Lecture, Austrian Bone and Mineral Society, St Wolfgang (2022)  
Keynote Speaker, Qatar University Health Research Day (2019)  
The Rivens Lecture, Vanderbilt University School of Medicine (2018)  
The 4<sup>th</sup> Annual Immunology Seminar, University of Tokyo (2018)  
Visiting Professorial Lecture, Massachusetts General Hospital, Harvard Medical School (2018)  
Distinguished Visiting Professor, Department of Medicine, Case Western Reserve University (2018)  
Frontiers in Molecular Medicine Lecture for MD-PhD Class, Yale School of Medicine (2018)  
Distinguished Visiting Professor, University of Virginia School of Medicine (2018)  
Essayist, 710<sup>th</sup> Meeting of the Practitioners’ Society, New York  
Golden Jubilee Distinguished Lecture, National Science Day Celebrations, Lucknow, India (2016)  
Distinguished Visiting Professor in Biochemistry, Rush University, Chicago (2014)  
The ESICON Oration, 43<sup>rd</sup> Annual Meeting of the Endocrine Society of India (2013)  
Larry Raisz Memorial Keynote Lecture, New England Bone Society (2013)  
40<sup>th</sup> Annual James Platt White Memorial Lecture (2012)  
Honorary Professorial Lecture, Wuhan University Medical School, China (2011)  
*Lectio Magistralis*, University of Bari, Italy (2010)  
General Session Speaker, American Association of Clinical Endocrinologists Annual Conference (2010)  
Leo Sreebny Distinguished Lecture and Student’s Day Keynote Speaker, State University of New York (2010)  
The Marookian Lecture, University of Pennsylvania (2009)  
Rudin–Kase Dean’s Molecules-to-Man Lecture, Mount Sinai School of Medicine (2009)  
Steve Goodman Memorial Lecture, Yale School of Medicine (2009)  
8<sup>th</sup> Annual Professor S.H. Zaidi Memorial Oration, Indian Institute for Toxicological Research, India (2008)  
Kramer Visiting Professor, Dartmouth Medical School (2007)  
Highlight Speaker, National Institute on Aging Council, National Institutes of Health (2006)  
Guest Speaker, 24<sup>th</sup> Japanese Society for Bone and Mineral Research Meeting (2006)  
Eweson Lecture of the American Federation for Aging at the Cambridge Philosophical Society (2002)

Keynote Lecture, Dutch Bone and Mineral Society Meeting (1994)  
Over 400 invited, plenary and keynote lectures around the globe including U.S., Europe, Asia and Africa

## **SIGNIFICANT ROLES IN ACADEMIC MEDICINE**

### **Grant Review Committees of the National Institutes of Health (NIH) and Other Organizations**

Chair, NIH Review Panel for Grants for Early Medical Specialists' Transition to Aging Research (2023–)  
Member, NIH Clinical Aging Grants Review Panel (2014–2017)  
Chair, previously Member, NIH Orthopedics and Musculoskeletal Grants Review Panel (1998–2003)  
Chair, previously Member, Department of Veterans Affairs Merit Review (2011–2016; 2003–2006; 1997–2001)  
Member, Medical Research Advisory Group to the Director for Veterans Affairs' Research (2001–2003)  
Member, Department of Veterans Affairs Merit Review Council (2003)  
Member, Shriners Hospital for Children's Research Advisory Board (2008–2011)  
Member, Grants Review Panel, Hevolution Foundation (2024–)  
Member or Chair of over 60 NIH and other Grant Review Committees (2000–date)  
*Adhoc* roles as advisor and reviewer for numerous international funding organizations, including the Wellcome Trust and U.K. Medical Research Council

### **Prominent Leadership Roles**

Program Planning Committee of the Association of Professors of Medicine (APM) (2015–2020, two terms)  
Vice Chair, then Chair, Alliance of Academic Medicine's (AAIM) Research Committee (2016–2020)  
Chair, AAIM Physician–Scientist Postgraduate Training Subcommittee (2018–2020)  
Chair, *eLife* Ethics Committee (2020–2023)  
President (2016–2018), Secretary (2013–2016), Council Member (2010–2013), Interurban Clinical Club  
Member, National Scientific Advisory Council, American Federation for Aging Research (2001–2003)

### **Major Editorial Roles**

Deputy Editor for Medicine and Member of the Editorial Leadership Team, *eLife* (2020–2023); Reviewing Editor (2019–2020)  
Editor-in-Chief, Encyclopedia for Bone Biology, Elsevier (2017–2020)  
Guest Reviewing Editor, *Proceedings of the National Academy of Sciences* (2020)  
Associate Editor, Genetic Steroid Disorders, Elsevier (2020–2023)  
Editor, Interurban Clinical Club: A Record of Achievement in Clinical and Biomedical Science (2018–)  
Board of Consulting Editors, *Journal of Clinical Investigation* (2017–)  
Associate Editor, Primer for Metabolic Bone Diseases (2010–2012, 2015–2019)  
Associate Editor, *Insights*, official publication of Alliance of Academic Medicine (2015–2018)  
Founding Editor, *Marrow*, official publication of the New York Academy of Sciences (2012–2019)  
Associate Editor, *Calcified Tissues International* (2011–2014)  
Guest Editor, *Annals of the New York Academy of Sciences*, Special Volumes (2005–2011)  
Guest Editor, *Biochemical and Biophysical Research Communications*, Special Volume (2004)  
Guest Editor, Molecular and Cellular Biology of Bone, Elsevier  
Editorial Board, *Endocrinology* (2007–2010)  
Faculty1000 Biology, Musculoskeletal and Dermatological Pharmacology (2006–)  
Regular reviewer for *Nature* Publishing Group, *Cell* journals, *Science*, and *PNAS*, among others (1993–)

### **Other Professional Activity of Note**

Invited as Official Nominator, Japan Prize  
Chair, International Jury, Maria New International Prize for Biomedical Research  
Member, Life and Health Panel, Science and Technology Innovation Prize, Hong Kong (2024–)  
Dean's External Review Committee, University of Indiana's Center for Musculoskeletal Health (2023)  
Chair, Plenary Session on Physician–Scientist Careers, Association of Professors of Medicine (2019)  
Invited Participant, Medical Research Hill Day, Capitol Hill, Washington DC (2018, 2019, 2023)  
Organizer, 203<sup>rd</sup> Meeting of the Interurban Clinical Club (2011)  
Chair and Scientific Director, The New York Skeletal Biology and Medicine Conferences (2005–2011)  
Dryad Data Advisory Board (2024–)

Reviewer, The International Prize for Scientific Research Arrigo Recordati (2019)  
External Advisory Committee, Center for Metabolic Bone Diseases, University of Alabama (2006–2008)  
External Reviewer for Dean, Dental School, State University of New York (1998)

### **Committee Service**

Chair, Nominations and Awards Committee, Department of Medicine, Mount Sinai (2014–2017)  
Member, MD–PhD Admissions Committee, Mount Sinai (2014–2018)  
Member, Board of Directors, Medical Executive Committee, Research and Development Committee, and Dean’s Committee, James J. Peters Veterans Affairs Medical Center, New York (1999–2004)  
Member, Executive Leadership and Operations Council, Research and Development Committee, Task Force on Geriatrics and Extended Care (Chair), Academic Affairs Committee, Medical Executive Committee, Strategic Planning Board, Dean’s Committee, and Management Assistance Council, Veterans Integrated Network–2, Philadelphia (1996–1999)  
Member, Research Leadership Steering Committee, and Senior Preceptor in Medicine, Medical College of Pennsylvania, Philadelphia (1998–1999)  
Director, Endocrinology Fellowship Program, Examiner for Structured Clinical Skills Examination, and Preceptor for Clinical Medicine, University of Arkansas College of Medicine (1995–1996)  
Recognized Teacher, University of London (1985); Course Director, Blood Course (1991–1994) and Member, Academic Board, University Consultant Appointment Committee, Collegiate Committee of Examiners, and University Board of Studies, St. George’s Hospital Medical School, University of London (1989–1995)

### **MENTORSHIP**

Supervisor, mentor and academic advisor to 65 physicians, physician–scientists and scientists over 30 years, most of whom have achieved senior positions, including professorships and department leadership roles in academic medicine, government, and industry  
National leadership role in mentorship within the Association of Professors of Medicine  
Led a worldwide appraisal of the physician–scientist workforce jointly with Sir Peter Ratcliffe, Dennis Lo, Kim Rathmell and others (<https://elifesciences.org/articles/79738>)

### **RESEARCH FUNDING**

National Institute of Aging, U19 (2024–2029) FSH – An Aging Hormone? Total: \$21.0M  
National Institute on Aging, R01 (2021–2026) Studies to repurpose erectile dysfunction drugs. Total: \$ 3.86M  
National Institute on Aging, U01 (2021–2026) FSH blocking antibody for Alzheimer’s disease. Total: 8.45M  
National Institute on Aging, R01 (2021–2026) FSH as a driver of Alzheimer’s disease. Total: \$ 6.33M  
National Institute on Diabetes, Digestive and Kidney Diseases, R01 (2021–2026) Erythroferrone. Total: \$ 5.1M  
Hevolution Foundation (2024–2028) FSH and longevity. Total \$2M.  
Prior Research Funding (1987–2024): NIH and Federal Agencies: \$38 M; U.K. Agencies: £ 340,000; Other Corporate and Foundation (including clinical trials): \$3.66 M

### **PUBLICATIONS**

475 publications, including peer–reviewed papers, invited reviews, News and Views (*Nature*), commentaries, and perspectives, book chapters, special volumes and books. Please see list of top 10 papers.

### **PATENTS**

Nine patents granted or under review.