

# 蒲慕明博士 (Mu-Ming Poo, Ph. D.) 簡介

University of California, Berkeley

Institute of Neuroscience  
Chinese Academy of Sciences, Shanghai

Birth Date: October 31, 1948

Birth Place: Nanking, China

Citizenship: U.S. (naturalized)

## Education

B.S. (physics), Tsinghua University, Taiwan (1970)

Ph.D. (biophysics), Johns Hopkins University (1974)

## Positions

- 1974 - 1976 Postdoctoral Fellow, Marine Biological Laboratory (Woods Hole), and Department of Biological Sciences, Purdue University.
- 1976 - 1979 Assistant Professor, Dept. of Physiology and Biophysics, University of California at Irvine.
- 1979 - 1983 Associate Professor, Dept. of Physiology and Biophysics, University of California at Irvine
- 1983 - 1985 Professor, Dept. of Physiology and Biophysics, University of California at Irvine
- 1985 - 1988 Research Professor, Section of Molecular Neurobiology, Yale University School of Medicine
- 1988 - 1995 Professor, Dept. of Biological Sciences, Columbia University.
- 1996 - 2000 Stephen W. Kuffler Professor in Neurobiology, Dept. of Biology, University of California at San Diego.
- 1999 - now Director, Institute of Neuroscience, Chinese Academy of Sciences, Shanghai
- 2000 - 2005 Professor of Neurobiology, Class of 1933 Chair, Department of Molecular and Cell Biology, University of California, Berkeley
- 2002 - 2007 Head, Division of Neurobiology, Department of Molecular and Cell Biology, University of California, Berkeley
- 2005 - now Paul Licht Distinguished Professor in Biology, University of California, Berkeley

## Professional Honors

- Javitz Neuroscience Investigator Award of NIH (98)
- Academician, Academia Sinica, Taiwan (00)
- Fellow, American Association for Advancement of Science (01)
- Ameritec Prize (01)
- Ray Wu Society Award (02)
- Docteur Honoris Causa, Ecole Normale Supérieure, Paris (03).
- Peoples Republic of China International Science & Technology Cooperation Award (05)
- Member, National Academy of Sciences (09)
- Qiu-shi Distinguished Scientist Award, Hong Kong (10)
- Foreign Member, Chinese Academy of Sciences (11)

## **Professional Activities and Services**

### **Advisory Boards and Committees:**

Developmental Neuroscience Panel, National Science Foundation (85-88)  
Cell Biology and Physiology Study Section, National Institutes of Health (89-93)  
Hong Kong University of Science and Technology Preparatory Committee (89-91)  
Long-term Fellowship Review Board, Human Frontier Science Program (97-99)  
Brain Research Center, University System of Taiwan (02-07)  
Advisory Board, Institute of Molecular Biology, Academia Sinica (02-). Chair (08-)  
Advisory Council, Brain Science Institute, RIKEN, Tokyo (03-)  
Neuroscience School Board of International Brain Research Organization (01-07)  
Council of National Yang Ming University, Taiwan (04-)  
Advisory Board, National Tsinghua University, Taiwan (05-)  
Peter Gruber Foundation Neuroscience Prize Committee (04-05)  
Scientific Advisory Board, Friedrich Miescher Institute, Switzerland (06-10)  
Institute of Linguistics, Academia Sinica (07-11)  
National Center for Biological Sciences, Bangalore, India (07-10)  
Ralph Gerald Neuroscience Award Committee (08-10)  
Biotherapeutics & Bioinnovation Center, Pfizer (08-09)  
Grand Challenges in Global Mental Health (09-)  
Howard Hughes Medical Institute Investigator Review Committee (11-)  
Howard Hughes Medical Institute Collaborative Innovation Award Program Committee (12-)  
Advisory Committee, Brain Science Institute, Korean Institute of Science and Technology (12-)

### **Editorial Boards:**

Journal of Cell Biology (94-01)  
Neuron (99-)  
Journal of Neuroscience (99-04)  
Journal of Biomedical Sciences (94-99)  
NeuroSignals (01-)  
Editor, Biochemical and Biophysical Research Communications (03-09)  
Current Opinions in Neurobiology (04-10)  
Network (05-11)  
Progress in Neurobiology (05-)  
Experimental Neurology (06-)  
Neural Development (06-)  
Journal of Physiology (06-)  
Editor, Developmental Neurobiology (08-)  
Journal of Biology (09-10)  
BMC Biology (10-)

### **Invited Lectures, Symposia and Conferences (since 2003)**

2003

Symposium “Frontier of Neuroscience”, Brain Research Center of UST, Taipei, Taiwan  
RIKEN Center for Developmental Biology Symposium, Kobe, Japan  
Cold Spring Harbor Laboratory Conference on Learning and Memory  
Blankenese Symposium on “Learning at the Synapse” Hamburg, Germany

Gordon Research Conference on "Neural Plasticity" Newport, Rhode Island  
Symposium on Synaptogenesis, Vienna, Austria  
IBRO Congress symposium on "Calcium signaling in development and plasticity" Prague, Czech  
TINS Lecture, INMED Conference "Nature and Nurture in Brain Development" La Ciotat, France  
Samsung International Symposium on Molecular Medicine "Neurological Diseases", Seoul, Korea  
University Lecture Series, Rockefeller University  
Public Lecture, Docteur Honoris Causa, Ecole Normale Supérieure, Paris

2004

COE Symposium on plasticity of neural circuits, Institute of Neuroscience, Tokyo  
Gordon Conference on Molecular and Cellular Neurobiology, Hong Kong  
Keynote Lecture, Gordon Conference on Bioelectrochemistry, New London  
Plenary Lecture, Japanese Society for Neuroscience Annual Meeting, Osaka  
Plenary Lecture, International Meeting of Physiological Society of China, Beijing  
Teuber Lecture, MIT

2005

Merck/UCSD Symposium on Synaptic Plasticity  
Keystone Symposium Axonal Connections: Molecular Cues for Development and Regeneration"  
Gordon Conference on "Gradient Sensing & Directed Cell Migration", Ventura, California  
Institute for Advanced Studies, School of Dendrite, Hebrew University  
Heller Lecture in Computational Neurobiology, Hebrew University  
Gordon Conference on "Inhibition in the CNS", New London, Connecticut  
Gordon Conference on "Cellular Signaling Mechanisms", Hong Kong  
Basic Neurochemistry Plenary Lecture, American Society for Neurochemistry, Madison, Wisconsin  
Grass Foundation Lecturer, University of Wisconsin, Madison  
EMBO-FMI Conference "Formation and Plasticity of Neuronal Circuits", Ascona, Switzerland  
Plenary Lecture, Lemman Neuroscience Program Retreat, Switzerland

2006

Keynote Speaker, 4th World Congress for NeuroRehabilitation, Hong Kong  
Nobel MiniSymposium on "The Active Dendrite", Karolinska Institute, Stockholm  
Gordon Conference on Molecular and Cellular Neurobiology, Hong Kong  
11<sup>th</sup> SCBA International Symposium, San Francisco  
Organizer, Symposium on Axon guidance, Synaptogenesis, Neural plasticity, Cold Spring Harbor Lab

2007

Gordon Conference on Gradient Sensing, Ventura  
Gordon Conference on Dendrite: Structure and Functions, Ventura.  
UK-APDBN Joint meeting on Development and Emergence of Function in the Nervous System, Kobe  
Spring School on Computational Neuroscience, Shanghai.  
Symposium on "Stem cells, migration and axon guidance in developing brain", Cairns, Australia  
Plenary Lecture, IBRO World Congress, Melbourne, Australia.  
Symposium on the Frontier Biomedical Science, Taipei, Taiwan.  
NIH Blueprint Neuroplasticity Workshop, Bethesda.  
EMBO Conference on "The assembly and function of neuronal circuits", Ascona, Switzerland

2008

The Temporal Dynamics of Learning Center All-hands Meeting, Nashville, Tennessee  
Plenary Lecture, Molecular and Cellular Cognition Society Meeting, Bangalore, India  
Killam Seminar Series, Montreal Neurological Institute/McGill University, Montreal, Canada  
Plenary Lecture, 81th Japanese Pharmacological Society Meeting, Yokohama, Japan  
Plenary Lecture, International Society of Developmental Neuroscience Conference on “Making and breaking neural circuits. Asilomar, California  
Nobel Symposium on "Genes, Brain and Behavior", Stockholm, Sweden  
Gordon Conference on Synaptic Transmission, Biddeford, Maine.  
UK Physiological Society Workshop, Shanghai 2008  
Plenary Lecture, Frontier in Life Sciences, 20<sup>th</sup> symposium of Federation of Asian and Oceanian Biochemists and Molecular Biologist.

2009

Gordon conference on neurotrophic factors, Rhode Island  
NPAS Symposium on Neuroscience, Academia Sinica, Taiwan  
UCSF Developmental Biology Symposium, San Francisco  
New York University School of Medicine Special Seminar.  
Special Lecture, International Union of Physiological Sciences, Kyoto, Japan  
Numa Memorial Lecture, Kyoto University  
Frontiers in Bioscience: Learning and Memory Conference, CityUniversity of Hong Kong  
Plenary Lecture, Annual Meeting of Friedrich Miescher Institute, Basel, Switzerland  
Satellite Symposium on “Multiple facets of GABA in brain development”, Society for Neuroscience Annual meeting, Chicago

2010

Francis Crick Neuroscience Symposium, Cold Spring Harbor Asia Conferences, Suzhou, China  
Gordon conference on Molecular and Cellular Neuroscience, Hong Kong  
Keynote Lecture, International Congress of Cognitive Neuroscience, Beijing.  
Keynote Lecture, Frontier in Neuroscience Symposium “From Gene to Behavior”, Taipei  
Merson Lecture, Queensland Brain Institute, University of Queensland.

2011

RIKEN Brain Science Institute Seminar, Tokyo, Japan  
Gairdner Foundation/Hotchkiss Brain Institute Symposium, Calgary, Alberta  
Nobel Symposium on “Molecules, Machines, and Mind“ Stockholm, Sweden  
Zhu Ke Zhen Distinguished Lectureship, Zhejiang University, Hanzhou, China  
Gradient Sensing & Directed Cell Migration. Gordon Conference, Les Diablerets, Switzerland  
Cold Spring Harbor Asia Course on “Cognitive and Computational neuroscience”, Suzhou, China  
Keynote lecture, Fourteenth Wu Chien-Shiung Science Camp, Chitou, Taiwan  
International Symposium on “Frontiers in Neuroscience”, Kyoto, Japan  
Presidential Lecture, Society for Neuroscience, Washington DC.

2012

Public Lecture, Chinese Academy of Sciences 2012 meeting

Hertie Lecture, Forum of European Neuroscience Society Annual Meeting, Barcelona, Spain  
Plenary Lecture, International Brain Research Symposium, DGIST, Daegu, South Korea  
Plenary Lecture, Stepping Stone Symposium, Swiss-China Research Foundation, Zurich, Switzerland  
Plenary Lecture, Asia- Pacific Society for Neurochemistry and Japanese Society for Neurochemistry Joint Meeting, Kobe, Japan  
RIKEN Quantitative Biology Center (QBiC) Inaugural Symposium, Kobe, Japan

2013

Plenary Lecture, First Asia-Pacific Molecular Cell and Cognition Society Conference, Melbourne  
Shideman-Sterling Lecture, University of Minnesota  
Cold Spring Harbor Asia Francis Crick Symposium on Neuroscience, Suzhou, China  
CSH Asia Symposium on neural circuit assembly, function and dysfunction, Suzhou, China  
2013 Friday Night Grass Lecturer, Marine Biological Laboratory  
Gordon Conference on Neurotrophic Factors, Newport, Rhode Island  
Brain Science Institute, RIKEN, summer neuroscience school.  
Keynote Lecture, Biennial Meeting of Chinese Society for Neuroscience, Beijing  
Keynote Lecture, Neural Regeneration Symposium, Shenyang  
Keynote Lecture, Korean Brain Research Institute Symposium, Daegu, Korea  
Keynote Lecture, Korean Society for Neuroscience, Seoul, Korea