## Curriculum Vita MITCHIO OKUMURA

**Position** Professor of Chemical Physics

California Institute of Technology

Division of Chemistry & Chemical Engineering Arthur Amos Noyes Laboratory, MS 127-72

1200 East California Blvd. Pasadena, CA 91125 USA

(626)395-6557, mo-at-its.caltech.edu; Room 104 Noyes

Education

Ph.D. Chemistry, November 1986

University of California, Berkeley, CA

C.P.G.S. Physical Chemistry, August 1980

Cambridge University, Cambridge, England

B.S./M.S. summa cum laude, with distinction in Chemistry, May 1979

Yale University, New Haven, CT

**Professional Experience** 

5/07 – present *Chemical Physics Letters*. Editor

8/94 – present California Institute of Technology, Division of Chemistry & Chemical

Engineering: Professor (10/03-); Executive Officer of Chemistry (9/06-9/10); Associate Professor (8/94-9/03); Assistant Professor (8/88-7/94). Pasadena, CA

1/87 - 7/88 <u>The University of Chicago</u>; Che,istry Dent. Postdoctoral Research Associate,

with Professor T. Oka: Chicago, IL

## **Research Interests**

Experimental Studies of Atmospheric Chemistry and Spectroscopy for Air Pollution and Climate Applications; Laser Spectroscopy, Reaction Kinetics and Dynamics of Gas Phase Free Radicals; Spectroscopic Parameters of Greenhouse Gases; Optical Cavity Enhanced Techniques

## **Awards and Editorial Boards**

ACS Physical Chemistry Division Experimental Physical Chemistry Award, 2015

Visiting Professorship, Université Lille 1, 2013

IRENI Visiting Professorship, Université Littoral/Université Lille 1, 2011

Editorial Advisory Board, Chemical Physics Letters, 2006-2007

Fellow, American Association for the Advancement of Science, 2005

Editorial Board, Journal of Physical Chemistry, 2005-2007

Gerhard Closs Lecturer, University of Chicago, 2004

Visiting Scholar, Chinese University of Hong Kong, 2001

JILA Visiting Fellow, University of Colorado, 1999-2000

Editorial Board, Molecular Physics, January 1999-2002

Richard M. Badger Teaching Prize, Chemistry Dept., Caltech, 1993

Presidential Young Investigator Award, National Science Foundation, 1989

Newly Appointed Faculty Award, Camille and Henry Dreyfus Foundation, 1988

Regents Fellowship, University of California, 1982-1983

General Electric Fellowship, University of California, 1980-1981

Churchill Scholarship, U.S. Winston Churchill Foundation, 1979-1980

Moore Prize in Chemistry, Yale University, 1979

Phi Beta Kappa, 1978

Lando Summer Fellowship, University of Minnesota, 1977

National Merit Scholarship, 1975-1979