Curriculum Vitae for
JAMES G. BERRYMAN

PRESENT POSITION:

Physicist, Computational Physics, Energy and Environment Directorate
Lawrence Livermore National Laboratory, P. O. Box 808, L-200
Livermore, CA 94551-9900, U. S. A.
(925) 423-2905, FAX: (925) 423-6907, E-mail: berryman1@llnl.gov

PERSONAL:

Birth date: 6/26/47; Citizenship: U. S. A.; Marital status: married, two grown children

PROFESSIONAL MEMBERSHIPS:

American Physical Society, Acoustical Society of America,
American Geophysical Union, and Society of Exploration Geophysicists

EDUCATION:

9/70-4/75, University of Wisconsin, Madison, WI, Ph.D. (Condensed Matter Physics)
9/69-8/70, University of Wisconsin, Madison, WI, M.S. (Physics)
9/65-6/69, University of Kansas, Lawrence, KS, B.A. (Mathematics) and
B.S. (Physics with Honors)

PREVIOUS AND CONCURRENT RESEARCH EXPERIENCE:

Consulting Professor, Geophysics and Mathematics Departments, Stanford University, 1992 to present
Visiting res. scientist, Appl. Phys. Lab, Univ. of Washington – Seattle, April-July, 2003.
Visiting faculty member, Institut de Physique du Globe de Paris, April-August, 1995
Physicist and Leader, Geophysical Analysis Group, Earth Sciences Div., Lawrence Livermore National Laboratory, 11/90-12/95
Physicist and Group Leader, Imaging and Remote Sensing Research & Signal and Image Processing Research, Electronics Engineering Dept., Lawrence Livermore National Laboratory 12/85-10/90
Visiting Member, Courant Institute of Mathematical Sciences, New York University, New York, NY 9/87-5/88 while on Professional Research Leave from LLNL
Physicist, Earth Sciences Dept., Lawrence Livermore National Laboratory, Livermore, CA 7/81-11/85
Member of Technical Staff, Bell Laboratories, Whippany, NJ 6/78-7/81
Visiting Member, Courant Institute of Mathematical Sciences, New York University, New York, NY 8/77-6/78 while on NSF Postdoctoral Fellowship
Research Physicist, Exploration Research Div., Conoco, Ponca City, OK 6/76-7/77

HONORS AND DISTINCTIONS:

Member: Phi Beta Kappa, 1968; Woodrow Wilson Fellow, 1969; Sigma Xi, 1997
Graduated With Highest Distinction (University of Kansas 6/69)
National Science Foundation Postdoctoral Fellow, 8/77-6/78
2005 ASCE Maurice A. Biot Medal for Research in Poromechanics
Associate Editor: *Journal of Mathematical Physics*, 1979-81
Editorial Board Member: *Inverse Problems*, 2003-present
Advisory Board Member: International Journal of Numerical and Analytical Methods in Geomechanics, 2004-present

CURRENT RESEARCH INTERESTS:

Acoustics/Mechanics of Inhomogeneous and Porous Media; Flow/Transport in Porous Media; Inverse Problems in Acoustics, Seismology, & Electromagnetics