Jordan A. Goodman

August 12, 2003

CURRICULUM VITAE

JORDAN A. GOODMAN

I. Personal Data:

Date of Birth:	February 21, 1951
Place of Birth:	Washington, DC
Marital Status:	Married

II. Education:

Secondary:	Bethesda Chevy Chase, Bethesda, MD - 1969
Undergraduate:	B.S., University of Maryland - 1973
Graduate:	M.S., University of Maryland - 1975
	Ph.D., University of Maryland – 1978

III. Employment:

1999 – present	Chair, Department of Physics, University of Maryland
1990 - present	Professor of Physics, Univ. of Maryland
1985 - 1990	Associate Professor, Univ. of Maryland
1980 - 1985	Assistant Professor, Univ. of Maryland

IV. Research Activities:

Spokesperson for MILAGRO Gamma Ray Experiment

Super-Kamiokande Neutrino Experiment - Kamioka, Japan 1994-present

Spokesperson for CYGNUS Experiment to search for primary gamma rays at 10^{14} eV at Los Alamos National Laboratory 1985-1994 (28 physicists, 7 institutions)

Fermilab Experiment E710 - Measurement of elastic scattering and total cross section of p p at the Fermilab collider 1985-1991

Fermilab Experiment E672 - Dimuon and Jet experiment 1983-1985

Fermilab experiment E594 calorimeter to measure cosmic ray hadrons and muons, 1982-1984

Measurement of the composition of flux of cosmic rays at 2900 M, Sacramento Ridge Cosmic Ray Laboratory (SRCRL), U. of MD., Sunspot, NM, 1973-1978

Delayed hadron experiment to measure composition and search for massive particles, 1979-1985

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V. Honors and Awards

Elected as charter member of the UM Academy for Excellence in Teaching and Learning 2002
Richtmyer Memorial Lecture Award – American Association of Physics Teachers 2002
USM Regents Award for Excellence in Teaching 2000
UMCP Distinguished Scholar-Teacher Award 1999-2000
Elected Fellow of the American Physical Society, 1997
1994 Presidential Award for Outstanding Service to the Schools
General Research Board of Graduate Studies Distinguished Faculty Fellowship for Academic year 1993-94 (one of five for UMCP)
General Research Board of Graduate Studies and Research Semester Research Award for Fiscal year 1993-94 (Superseded by the above award)
Certificate of Outstanding Teaching by the Panhellenic Association (the governing body of the 18 sororities on campus) 1993

VI. Selected Research Publications:

1. Solar B-8 And Hep Neutrino Measurements From 1258 Days Of Superkamiokande Data. By SuperKamiokande Collaboration (S. Fukuda *et al.*). Mar 2001. 7pp. **Phys.Rev.Lett.86:5651-5655,2001** e-Print Archive: **hep-ex/0103032**

2. Constraints On Neutrino Oscillations Using 1258 Days Of Superkamiokande Solar Neutrino Data. By Super-Kamiokande Collaboration (S. Fukuda *et al.*). Mar 2001. 6pp. **Phys.Rev.Lett.86:5656-5660,2001** e-Print Archive: **hep-ex/0103033**

3. Tev Observations Of Markarian 501 With The Milagrito Water Cerenkov Detector. By Milagro Collaboration (R. Atkins et al.) Ap. J. Lett 525:L25-L28, 1999 Nov. 1

4. Tau Neutrinos Favored Over Sterile Neutrinos In Atmospheric Muon-Neutrino Oscillations. By Super-Kamiokande Collaboration (S. Fukuda *et al.*). Sep 2000. 9pp. Published in **Phys.Rev.Lett.85:3999-4003,2000** e-Print Archive: **hep-ex/0009001**

5. Evidence for oscillation of atmospheric neutrinos, The Super-Kamiokande Collaboration, Phys. Rev. Lett. 81 (1998) 1562-1567

6. Evidence For Tev Emission From GRB 970417a. By Milagro Collaboration (R. Atkins et al.). The Astrophysical Journal, 533:L119-L122, 2000 April 20

7. Measurement of the Solar Neutrino Energy Spectrum Using Neutrino-Electron Scattering, The Super-Kamiokande Collaboration, Phys. Rev. Lett. 82 (1999) 2430

8. Constraints on neutrino oscillation parameters from the measurement of day-night solar neutrino fluxes at Super-Kamiokande, The Super-Kamiokande Collaboration, Phys. Rev. Lett. 82 (1999) 1810-1814

9. Search for proton decay through $p \rightarrow \nu + K^+$ in a large water Cherenkov Detector, The Super-Kamiokande Collaboration, Phys. Rev. Lett. 83(1999) 1529