

Lawrence C. Dennis

June 10, 2005

CONTACT INFORMATION:

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EDUCATION:

Ph.D.	University of Virginia	1979	Nuclear Physics
B.S.	University of Michigan	1974	Physics

EXPERIENCE:

Dean	College of Information Florida State University Dec. 2004 - present
Associate Vice President for Academic Affairs	Florida State University May 2002 - December 2004
Director	Office for Distributed & Distance Learning Florida State University May 2002 - December 2004
Acting Director	Supercomputer Computations Research Institute Florida State University April 1998 - October 1999
Professor	Department of Physics Florida State University August 1990 - present
Associate Professor	Department of Physics Florida State University August 1985 - July 1990
Assistant Professor	Department of Physics Florida State University August 1980 - July 1985
Research Associate	Department of Physics Florida State University July 1979 - July 1980

RESEARCH ACTIVITIES:

My research program has included nuclear physics experiments at the Thomas Jefferson National Accelerator Facility (TJNAF). I have focused on applying the information technology of portals, web services, grid computing and distributed computing to large nuclear physics experiments and education. I have published 80 papers in refereed journals and supervised 11 graduate and 30 FSU undergraduates.

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REPRESENTATIVE PUBLICATIONS:

I have published 80 papers primarily in the field of experimental nuclear physics. The ten papers listed below are the ten most recent submissions. In addition I have made over 60 presentations as colloquia, seminars, workshops or invited talks. These have been in the areas of experimental nuclear physics, science education, online learning, information technology and information studies.

1. *Measurement of the Spin Structure Functions in the Resonance Region for Q^2 from 0.15 to 1.6 GeV²* *Physical Review Letters* **91** (2003) 222002, R. Fatemi, et al. (CLAS Collaboration).
2. *Observation of an Exotic $S = +1$ Baryon in Exclusive Photoproduction from the Deuteron*, *Physical Review Letters* **91** (2003) 252001, S. Stepanyan, et al. (CLAS Collaboration).
3. *Two-Nucleon Momentum Distributions Measured in $^3\text{He}(e, e'pp)n$* , *Physical Review Letters* **92** (2004) 052303, R. Niyazov, et al. (CLAS Collaboration).
4. *Tensor Polarization of the ϕ meson Photoproduced at High t* , *Physical Review* **C69** (2004) 032203, K. McCormick, et al. (CLAS Collaboration).
5. *Observation of an exotic baryon with $S = +1$ in photoproduction from the proton* *Physical Review Letters* **92** (2004) 032001, V. Kubarovsky L. Guo, et al. (CLAS Collaboration).
6. *Computer-assisted vs. traditional homework: Results of a pilot research project*, In K. Morgan (Ed.), *Culture and Impact 2004*. Southampton, UK: WIT Press, (in press), Hassler, L., Dennis, L., Ng. H., Johnson, C., Ossont, D., Ogawa, G., and Nahmias, C.
7. *Survey of A_{LT} asymmetries in semi-exclusive electron scattering on ^4He and ^{12}C* , submitted to *Physical Review C* in May, 2004, D. Protopopescu, et al. (CLAS Collaboration).
8. *Proton source size measurements in the $eA \rightarrow e'ppX$ reaction*, submitted to *Physical Review Letters* in May 2004, A.V. Stavinsky, K.R. Mikhailov, R. Lednický, A.V. Vlassov, et al. (CLAS Collaboration).
9. *Complete Angular Distribution Measurements of Two-Body Deuteron Photodisintegration between 0.5 and 3 GeV*, submitted to *Physical Review C* in May 2004, M. Mirazita, et al. (CLAS Collaboration).
10. *Onset of asymptotic scaling, in deuteron photodisintegration*, submitted to *Physical Review Letters* in May 2004, P. Rossi, et al. (CLAS Collaboration).