

DAVID J. BATUSKI
PROFESSOR
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EDUCATION

1970	B.S. Engineering Sciences, United States Air Force Academy
1971	M.S. Astronautical Engineering, Purdue University
1986	Ph.D. Physics, University of New Mexico

PROFESSIONAL EXPERIENCE (12 years of service to UMaine)

2001 - Present	Professor
1994 - 2001	Associate Professor
1988 - 1994	Assistant Professor
1986 - 1988	Research Associate, Space Telescope Science Institute, Baltimore, Maryland
1980 - 1986	Graduate Student and Research/Teaching Assistant University of New Mexico Captain, United States Air Force
1976 - 1979	Project Officer, High Energy Laser Beam-Control Systems, Air Force Weapons Laboratory, Albuquerque, New Mexico,
1971 - 1976	Space Vehicle Engineer and Program Manager Launch Vehicle Program Office, Air Force Space and Missile Systems Organization, El Segundo, California,

SABBATICAL

June – December 1998. One month at Meudon Observatory, France, and remainder at The University of Maine. French collaborators: analyses of recent observations of superclustering in Aquarius and finalized paper. University of Kansas collaborators: paper (published) about evidence of matter flow within clusters that are members of superclusters, Australian collaborator: a new program for observing another southern hemisphere supercluster.

PROFESSIONAL SOCIETIES

American Astronomical Society, American Association for the Advancement of Science, Association for Supervision and Curriculum Development, Astronomical Society of the Pacific, Sigma Xi, Sigma Pi Sigma

HONORS AND AWARDS

1970	Distinguished Graduate, USAF Academy
1982-1983	University of New Mexico Department of Physics and Astronomy Fellowship,
1984	University of New Mexico Graduate Scholarship
1985-1986	Sigma Xi award for Outstanding Dissertation in Science at University of New Mexico

David J. Batuski (continued)

HONORS AND AWARDS (cont.)

1985-1988	Thomas L. Popejoy Prize for Outstanding Dissertation in Sciences/Engineering at University of New Mexico
1998	Visiting Astronomer at Meudon Observatory, France
1999	Member of Phi Kappa Phi Honor Society, University of Maine Chapter
2000	Francis Crowe Society

PRINCIPAL PUBLICATIONS (past 5 years)

“The MX Northern Abell Cluster Redshift Survey,” 1998, K. Slinglend, D. Batuski, C. Miller, S. Haase, K. Michaud, and J. Hill, ApJSS, 115, p. 1-18.

“Cluster Winds Blow Along Supercluster Axes,” 1999, D. Novikov, A. Melott, B. Wilhite, M. Kaufman, J. Burns, C. Miller, and D. Batuski, MNRAS 304, p. L5-L9.

“Discovery of Extreme Examples of Superclustering in Aquarius”, D.J. Batuski, C.J. Miller, and K.A. Slinglend, C.Balkowski, S. Maurogordato, V. Cayatte, P. Felenbok, and R. Olowin, The Astrophysical Journal, 520: 491-506, August 1, 1999.

“Projection, Spatial Correlations, and Anisotropies in a Large and Complete Sample of Abell Clusters”, Christopher J. Miller, David J. Batuski, and Kurt A. Slinglend, John M. Hill, The Astrophysical Journal, 523: 492-505, October 1, 1999

PROFESSIONAL DEVELOPMENT AND SERVICE (past 5 years)

Referee or reviewer for 9 papers and/or grants

Academic Advisor for 5 undergraduate majors in Physics

Thesis Advisor for 3 Ph.D. and 1 M.S.