

Robert D. Stephens

Curriculum Vitae

Education

Undergraduate: California State Polytechnic University, Pomona, 1978, Bachelor of Science in Business Administration.

Graduate: California State University, San Bernardino, 1991, Master of Business Administration.

Astronomy Related Background

Owner/operator Santana Observatory established in 1999.

Owner/operator observatory with two telescopes at Center for Solar System Studies.

Has been active in asteroid research for twelve years, determined approximately 600 asteroid lightcurves since 2000 and has authored or co-authored over 200 research papers, articles and announcements.

2010 – Present, Research Scientist, MoreData!, Inc.

CEO/CFO of MoreData! Inc., a scientific grant management organization.

President of Center for Solar System Studies, a 501(c)(3) scientific research organization.

Board member and Treasurer of Riverside Telescope Makers Conference, Inc. from 1990 to 2011, a 501(c)(3) organization whose purpose is to conduct an annual astronomy convention in Big Bear, California attracting up to 2,000 participants and a astronomy trade show in Pasadena, California attracting approximately 1,000 participants.

Board Member and Treasurer of the Society for Astronomical Sciences, Inc., a 501(c)(3) organization whose purpose is to conduct seminars on Pro-Am collaborations and amateur research at professional levels.

Past President and Treasurer of the Riverside Astronomical Society, a 501(c)(3) organization with approximately 350 members in Southern California.

Memberships/Organizations

American Astronomical Society & Division for Planetary Sciences – Full Member.

Awards

Chambliss Award for Amateur Achievement (2009), American Astronomical Society.

G. Bruce Blair Award from the Western Amateur Astronomers (1997) for many years of contribution to amateur astronomy.

Clifford W. Holmes Award from the Riverside Telescope Makers Conference (2012) for many years of contribution to amateur astronomy.

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French, Linda M.; Stephens, R. D.; Coley, D. R.; Wasserman, L. H.; La Rocca, D.; Vilas, F. (2013). "A Troop of Trojans: Photometry of 24 Jovian Trojan Asteroids" *American Astronomical Society*, DPS meeting #45, #112.13

Stephens, Robert D.; French, L. M.; Coley, D. R.; Megna, R.; Wasserman, L. H. (2012). "Photometry of 10 Jovian Trojan Asteroids" *American Astronomical Society*, DPS meeting #44, #110.14.

Warner, Brian D.; Stephens, Robert D.; Brinsfield, James W.; Larsen, Frank R.; Jacobsen, Jens; Foster, James; Richmond, Michael; Franco, Lorenzo. (2012). "Lightcurve Analysis of NEA 2005 YU55" *Minor Planet Bulletin*, **39**, 84-85.

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Stephens, R. D.; Dyvig, R.; Reddy, V.; Chiorny, V.; Vaduvescu, O.; Longa-Peña, P.; Tudorica, A.; Warner, B. D.; Masi, G.; Brinsfield, J.; Gonçalves, R.; Brown, P.; Krzeminski, Z.; Gerashchenko, O.; Shevchenko, V.; Molotov, I.; Marchis, F. (2012). "Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries" *Icarus* **218**, 125.

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Đurech, J., Hanuš, J.; Warner, B.; D. Higgins, D., J. Oey, F. Pilcher, R. D. Stephens, R. K. Buchheim, R. A. Koff, D. Polishook, D., Benishek, V., J. Brinsfield, W., Durkee, R., and Goncalves, R., "New physical models of asteroids derived from sparse and dense photometry", EPSC-DPS 2011 Joint meeting #396.

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Stephens, R. D. (2010) "Asteroid Maven" *Sky & Telescope*, **120**, **4**, 60-65.

Stephens, R. D. (2010). "Trojan Asteroids Observed from GMARS and Santana Observatories: 2009 October – December" *Minor Planet Bul.* **37**, 47-48.

Stephens, R. D., Warner, B. D., Harris, A. W. (2010). "A Proposed Standard for Reporting Asteroid Lightcurve Data" *American Astronomical Society*, DPS meeting #42, #39.14.

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