

OBSERVING EXPERIENCE

34 nights: WIYN 3.5-m, HYDRA spectroscopy
4 nights: MMT 6.5-m, Hectospec spectroscopy
3 nights: CTIO 4-m, HYDRA spectroscopy
5 nights: WIYN 3.5-m, MiniMo imaging
14 nights: Bok 2.3-m, B&C Spectrograph spectroscopy
12 half-nights: ARC 3.5-m, DIS spectroscopy
3 nights: CTIO 1.5-m, R-C Spectrograph spectroscopy
4 nights: CTIO 0.9-m, imaging
5 nights: CTIO Curtis-Schmidt 0.6-m, imaging

SERVICE

UVa Astronomy Department Graduate Representative, 2005-2007

TEACHING

2004 - 2005 Tutoring student-athletes, Univ. of Virginia
2002 - 2004 Head Teaching Assistant, Intro. to Astronomical Observation, Univ. of Virginia
2004 Teaching Assistant, Intro. to the Stars, Galaxies, and the Universe, Univ. of Virginia
2002, 2004 Teaching Assistant, Archaeo-Astronomy, Univ. of Virginia
1999-2001 Observatory Assistant, Intro. to Astronomy, San Francisco State Univ.

REFERENCES

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REFEREED PUBLICATIONS

A Deep Proper-Motion Survey in Kapteyn Selected Areas: III. Kinematics of the Anticenter Stream, **Carlin, J. L.**, Casetti-Dinescu, D. I., Majewski, S. R., Grillmair, C. J., & Girard, T. M., *in prep.*

Kinematics and Metallicities in the Boötes III Stellar Overdensity: A Disrupted Dwarf Galaxy?, **Carlin, J. L.**, Grillmair, C. J., Muñoz, R. R., Nidever, D. L., & Majewski, S. R. (2009), *Astrophysical Journal Letters*, 702, 9.

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The Intrinsic Colors of RR Lyrae Variables: A Means to Determine Interstellar Reddening, Gulden-schuh, K. A., Layden, A. C., Wan, Y., Whiting, A., van der Bliik, N., Baca, P., **Carlin, J.**, Freismuth, T., Mora, M., Salyk, C., Vera, S., Verdugo, M. & Young, A. (2005), *Publications of the Astronomical Society of the Pacific*, 117, 721.

Chandra Observations of Diffuse Gas and Luminous X-Ray Sources around the X-Ray bright Elliptical Galaxy NGC 1600, Sivakoff, G. R., Sarazin, C. L., & **Carlin, J. L.** (2004), *Astrophysical Journal*, 617, 262.

CONFERENCE PRESENTATIONS

Discovery of an extended, halo-like stellar population around the Large Magellanic Cloud, Majewski, S. R., Nidever, D. L., Muñoz, R. R., Patterson, R. J., Kunkel, W. E., & **Carlin, J. L.** (2009), in “The Magellanic System: Stars, Gas, and Galaxies”, Proceedings of the International Astronomical Union, IAU Symposium, Volume 256, p. 51-56.

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New Constraints on the Orbit of the Anticenter Stream, Grillmair, C. J., **Carlin, J. L.**, & Majewski, S. R. (2008), American Astronomical Society, AAS Meeting #212, #18.12; Bulletin of the American Astronomical Society, Vol. 40, p.214.

The Extended Population of the Large Magellanic Cloud, Nidever, D. L., Majewski, S. R.; Muñoz, R. R., Patterson, R. J., Kunkel, W. E., & **Carlin, J. L.** (2008), American Astronomical Society, AAS Meeting #211, #113.01; Bulletin of the American Astronomical Society, Vol. 39, p.942.

Tracing Galactic Metallicity Gradients With the 2MASS Point Source Catalog, Munoz, R., **Carlin, J.**, Chatzikos, M., Hayes, A., Kanneganti, S., Mellon, R., Oishi, J., Park, C., Singhal, A., Sivakoff, G., Majewski, S. R., Skrutskie, M. F., & Sohn, S. (2004), in “Milky Way Surveys: The Structure and Evolution of our Galaxy”, ed. D. Clemens, R. Shah, and T. Brainerd, ASP Conference Proceedings, Vol. 317, p.283.

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Characterization of the Shock Front and Discovery of Balmer Filaments in Optical Images of Vela Bullet C, **Carlin, J. L.** & Smith, R. C. (2002), American Astronomical Society, 201st AAS Meeting, #87.07; Bulletin of the American Astronomical Society, Vol. 34, p.1248.

High Resolution X-ray Imaging of Binary Star Populations in Omega Centauri, Haggard, D., **Carlin, J. L.**, Cool, A. M., Zhao, B., Bailyn, C. D., Edmonds, P. D., Grindlay, J. E., & Davies, M. B. (2002), American Astronomical Society, 200th AAS Meeting, #08.09; Bulletin of the American Astronomical Society, Vol. 34, p.654.

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