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Birthdate: March 11, 1941 – Ann Arbor, Michigan

Education: B.A. – Harvard College, 1963
M.S. – San Diego State University, 1968
Ph.D. – Yale University, 1972

Positions Held:

Sept 2011 – Professor Emeritus, Boston University
1989 – 2011 Professor, Boston University
2004 – 2008 Associate Chairman, Boston University Astronomy Department
1982 – 1986 Chairman, Boston University Astronomy Department
1979 – 1989 Associate Professor, Boston University
1973 – 1979 Assistant Professor, Boston University
1972 – 1973 Postdoctoral Fellow, New Mexico State University
1971 – 1972 Instructor, Vassar College
1966 – 1967 Astronomer, U.S. Naval Observatory
1963 – 1965 Research Assistant, Lick Observatory

Other Professional Activities:

1973 Brouwer Memorial Prize, Yale University
1975 Study Director - National Academy of Sciences, (Space Science Board)
Solar Physics Summer Study, Aspen Colorado
1975 – 1976 Member, Kitt Peak National Obs. Users Committee
1976 Assistant Dean, Boston University
1979 Visiting Associate Professor, University of Hawaii
1987 Visiting Scientist, University College, London
1994 – 1999 Member Representative for Boston Univ., AURA, Inc.
1995 – present Member, Board of Directors, Fund for Astrophysical Research
1998 – 2001 Member, Observatories Council, AURA, Inc.
1999 – 2000 Member, National Optical Astronomy Observatory director search committee
1999 – 2003 Harlow Shapley Lecture Program, American Astronomical Society

Membership in Professional Societies:

American Astronomical Society
Astronomical Society of the Pacific
International Astronomical Union

Research Interests:

Observational Astrophysics – Galactic Structure and Evolution – Star Clusters –
Stellar Activity – Stellar Compositions – Planetary Searches

Bibliography:

Refereed Papers: 77 Proceedings: 43 AAS Abstracts: 40 Other Publications: 15

PUBLICATIONS - Kenneth Janes

Papers in refereed Journals

1. "Period Changes of the Cepheid Variable HV 953", 1964, *Astrophys. J.*, **69**, 131.
2. "The Spectrum of L2 Puppis", 1964, *Astrophys. J.*, **139**, 813 (K.A. Janes and S. Gaposchkin).
3. "An RR Lyrae Survey with the Lick 20-inch Astrograph. III. A survey of Part of the Variable Star Field MWF 361", 1965, *Astrophys. J. Suppl.*, **11**, 223 (T.D. Kinman, C.A. Wirtanen and K.A. Janes).
4. "An RR Lyrae survey with the Lick 20-inch Astrograph. IV. A survey of Three Fields Near the North Galactic Pole", 1966, *Astrophys. J. Suppl.*, **13**, 379 (T.D. Kinman, C.A. Wirtanen and K.A. Janes).
5. "Photometric Selection of Quasi-stellar Objects", 1969, *Astrophys. J. (Letters)*, **155**, L47 (K.A. Janes and R. Lynds).
6. "Strong-Cyanogen Stars; Photometry and Kinematics, 1971, *Astrophys. J.*, **165**, 651 (K.A. Janes and R. D. McClure).
7. "A Catalogue of Quasars", 1971, *Pub. Astron. Soc. Pacific*, **83**, 611 (J.B. DeVeny, W.H. Osborn and K.A. Janes).
8. "Pre-Exposure of Photographic Emulsions," 1971, *AAS Photo-Bulletin*, No. 3, 18 (H.D. Ables, A.V. Hewitt, and K.A. Janes)
9. "Intermediate-Band Photometry of M67", 1974, *Astrophys. J.*, **189**, 423.
10. "Cyanogen Strengths, Luminosities and Kinematics of K-Giant Stars", 1975, *Astrophys. J. Suppl.*, **29**, 161.
11. "DDO and UBV Photometry of NGC 7789", 1977, *Astron. J.*, **82**, 35.
12. "The Stellar Population of the Nuclear Bulge of Our Galaxy", 1977, *Astrophys. J. (Letters)*, **212**, L59.
13. "Multivariate Analysis of Spectrophotometry", 1977, *Pub. Astron. Soc. Pacific*, **89**, 415 (C.A. Christian and K.A. Janes).
14. "The Reddening of K-Giant Stars from DDO Photometry", 1977, *Pub. Astron. Soc. Pacific*, **89**, 576.
15. "Evidence for an Abundance Gradient in the Galactic Disk", 1979, *Astrophys. J. Suppl.*, **39**, 135.
16. "UBV Photometry of the Anticenter Cluster Be 21", 1979, *Astron. J.*, **84**, 204 (C.A. Christian and K.A. Janes).
17. "Photometry of the Open Cluster NGC 3960 and NGC 5823", 1981, *Astron. J.*, **86**, 1210.
18. "Open Clusters and Galactic Structure", 1982, *Astrophys. J. Suppl.*, **49**, 353 (K.A. Janes and D. Adler).
19. "The Distant Open Cluster Tombaugh 2", 1982, *Pub. Astron. Soc. Pacific*, **94**, 905 (D. Adler and K.A. Janes).

20. "Ages and Compositions of Old Clusters", 1983, *Astrophys. J.*, **264**, 206, (K.A. Janes and P. Demarque).
21. "The Population Structure of the Large Magellanic Cloud Bar" 1984, *Astrophys. J.*, **278**, 592 (E. Hardy, R. Buonnano, C. Corsi, K.A. Janes, and R.A. Schommer).
22. "The Giant Branch of the Old Open Cluster, M67" 1984, *Astron. J.*, **89**, 487 (K.A. Janes and G.H. Smith).
23. "DDO and UBV Photometry of Red Giant Stars in NGC 6791" 1984, *Pub. Astron. Soc. Pacific*, **96**, 977.
24. "The Young SMC Cluster, NGC 330", 1985, *Astron. J.*, **90**, 1196, (B.W. Carney, K.A. Janes, and P.J. Flower)
25. "The Open Cluster NGC 2158" 1985, *Astrophys. J.*, **299**, 683, (C.A. Christian, J. Heasley and K.A. Janes)
26. "The Intermediate-age Open Cluster, Mel 71" 1986, *Pub. Astron. Soc. Pacific*, **98**, 600, (M. Pound and K.A. Janes)
27. "CCD and Photographic Photometry of NGC 1904", 1986, *Astron. J.*, **91**, 1108, (J. Heasley, K.A. Janes and C.A. Christian).
28. "Radial Velocity for the Open Cluster NGC 2420", 1987 *Pub. Astron. Soc. Pacific*, **99**, 1076, (T. Liu and K.A. Janes).
29. "CCD Photometry of the Globular Cluster NGC 288", 1987 *Astron. J.*, **94**, 1185, (M.W. Pound, K.A. Janes and J.N. Heasley).
30. "NGC 2298 - Another Perfectly Normal Globular Cluster in the outer Halo", 1988, *Astron. J.*, **95**, 762, (K.A. Janes and J.N. Heasley).
31. "Properties of the Open Cluster System", 1988, *Astron. J.*, **95**, 771, (K.A. Janes, C. Tilley and G. Lyngå).
32. "Stellar and Molecular Radial Velocities for six Young Open Clusters", 1988, *Astron. J.*, **95**, 1122, (T. Liu, K.A. Janes, T.M. Bania and R.L. Phelps).
33. "Photometry of Giant Branch Stars in the M31 Globular Cluster G1", 1988, *Astron. J.*, **96**, 1312, (J.N. Heasley, C.A. Christian, E.D. Friel and K.A. Janes).
34. "The Luminosity Scale of RR Lyrae Stars with the Baade-Wesselink Method. I. Photometry and Radial Velocities", 1989, *Astrophys. J. Suppl.*, **69**, 593, (T. Liu and K.A. Janes).
35. "Radial Velocity Measurements in 20 Open Clusters", 1989, *Astron. J.*, **98**, 626, (T. Liu, K.A. Janes and T.M. Bania).
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40. “A Probable Planetary Nebula in the Direction of the Young Open Cluster, NGC 3572”, 1991, *Publ. Astron. Soc. Pacific*, **103**, 491, (R.L. Phelps and K.A. Janes).
41. “Radial Velocity Measurements in the Pleiades”, 1991, *Astrophys. J.*, **377**, 141, (T. Liu, K.A. Janes and T.M. Bania).
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44. “CCD Photometry of the Old Open Cluster, M67”, 1993, *Astron. J.*, **106**, 181 (K.M. Montgomery, L.A. Marschall and K.A. Janes).
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47. “The Development of the Galactic Disk: A Search for the Oldest Open Clusters”, 1994, *A.J.*, **107**, 1079 (R.L. Phelps, K.A. Janes and K.A. Montgomery).
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72. "Optical photometry and basic parameters of 10 unstudied open clusters," 2010, *MNRAS*, 404, 1385, (Subramaniam, A.; Carraro, G.; Janes, K.A.)
73. "The XO Planetary Survey Project - Astrophysical False Positives," 2010, *ApJS*, 189, 134 (Poleski, R.; McCullough, P.R.; Valenti, J.A.; Burke, C.J.; Machalek, P.; Janes, K.)
74. "NICMOS Observations of the Transiting Hot Jupiter XO-1b," 2010, *ApJ*, 718, 1796 (Burke, C.J.; McCullough, P.R.; Bergeron, E.; Long, D.; Gilliland, R.L.; Nelan, E.P.; Johns-Krull, C.M.; Valenti, J.A.; Janes, K.A.)
75. "A quantitative analysis of distant open clusters," 2011, *AJ*, 141, 92 (Janes, K.A., & Hoq, S.)
76. "The Kepler Cluster Study: Stellar Rotation in NGC 6811," 2011, *Ap.J.*, 733, L9, (Meibom, S., Barnes, S. A., Latham, D. W., Batalha, N., Borucki, W. J., Koch, D. G., Basri, G., Walkowicz, L. M., Janes, K. A., et al.)
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Conference Proceedings

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2. "The DDO Photometric System for Late-type Stars", 1975, in *Multicolor Photometry and the Theoretical H-R Diagram*, Dudley Observatory Report No. 9, A.G. Davis Philip and D.S. Hayes, Eds., p. 99 (K.A. Janes and R.D. McClure).
3. "Multivariate Analysis of Photometric Data", 1975, *ibid.*, p. 341.
4. "A Composition Gradient in the Galactic Disk", 1978, in *The Chemical and Dynamical Evolution of Our Galaxy (I.A.U. Colloquium No. 45)*, E. Basinski-Gresik and M. Mayor, Eds., Geneva: Geneva Observatory, p. 173.
5. "Some Problems in the Calibration of DDO Photometry", 1979, in *Problems of Calibration of Multicolor Photometric Systems*, Dudley Observatory Report No. 14, A.G. Davis Philip, Ed., p. 103.
6. "The SMC Cluster NGC 330", 1980, in *Star Clusters (I.A.U. Symposium No. 85)*, J. Hesser, Ed., Dordrecht: D. Reidel, p. 349 (K.A. Janes and B.W. Carney).

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