Schuyler Dana Van Dyk

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Objective

A position in science or project management, or senior lead of a research group or department

Education

- Ph. D., Astronomy, University of Washington, Seattle, March 1989
- M. S., Astronomy, University of Washington, Seattle, June 1984
- B. A., Astronomy, University of California, Los Angeles (UCLA), June 1981.

Current Professional Experience

- Senior Research Scientist, Caltech/IPAC, 2009 Feb - present
  - *Head of the IPAC Science Staff*, 2009-present
  - *IRAC Instrument Support Team, Spitzer Science Center*, 2018-present
  - *NEOCAM Phase-A support*, 2018
  - *NASA Herschel Science Center, HIFI, and archive and user support*, 2014-2017
  - *Project Lead, Large Synoptic Survey Telescope (LSST) Science User Interface (SUI)*, 2009-2014
  - *Deputy Lead, Spitzer Science User Support Team*, 2009-2014.
- Associate Research Scientist, Caltech/IPAC, 2004 May - 2009 Feb
  - *Task Lead, Spitzer Science User Support Team*, 2006-2009
  - *Team Member, Spitzer Observer Support Team*, 2003-2006.
- Assistant Research Scientist, Caltech/IPAC, 2000 Nov - May 2004
  - *Team Member, Two Micron All Sky Survey (2MASS)*, 2000-2004.
- Postdoc/Science Staff, Caltech/IPAC, 1998 Mar - 2000 Nov
  - *Team member, 2MASS*, 1998-2000.

Previous Professional Experience

- Visiting Lecturer, Physics & Astronomy Department, UCLA, 1997 Jun - 1998 Jan.
  - *Instruction, Introductory Physics and Astronomy courses.*
- Postdoctoral Research Fellow, Astronomy Department, University of California, Berkeley, 1993 Nov - 1996 Oct.
  - *Research on supernovae and their progenitors, with Dr. Alexei V. Filippenko.*
- National Research Council/Naval Research Laboratory Cooperative Postdoctoral Research Associate, 1990 Oct - 1993 Oct.
  - *Research on the radio emission from supernovae, with Dr. Kurt W. Weiler.*
- Visiting Assistant Professor in Astronomy, Department of Physics & Astronomy, University of Montana, June 1988 - July 1989.

- *Instruction, Introductory Astronomy, Planetary Science, and Cosmology courses.*

- Visiting Assistant Professor in Astronomy, Department of Physics, Oklahoma State University, August 1987 - June 1988.
  - *Instruction, Introductory Astronomy courses.*

Research Focus

- Supernovae and their progenitors
- Supernova impostors and other eruptive transients
- Dust from supernovae
- Massive stellar evolution.

Large Science Team Membership

- Investigating the Nature of Dark Energy Using Type Ia Supernovae with WFIRST-AFTA Space Mission, WFIRST Science Investigation Team, PI: Saul Perlmutter. Co-investigator and Institutional PI.
- SPitzer InfraRed Intensive Transient Survey (SPIRITS), PI: Mansi Kasliwal. Co-investigator.
- Legacy Extragalactic UV Survey (LEGUS), HST Cycle 21 Treasury Program, PI: Daniela Calzetti. Co-investigator and Science Interest Group lead.
- Physics at High Angular resolution in Nearby GalaxieS with the Hubble Space Telescope (PHANGS-HST), HST Cycle 26 Treasury Program, PI: Janice Lee, Co-investigator.

Professional Societies

- International Astronomical Union
- American Astronomical Society
- Astronomical Society of the Pacific.

Most Important Papers to Date

- *SN 1997bs in M66: Another Extragalactic η Carinae Analog?*, Van Dyk, S. D., Peng, C. Y., King, J. Y., et al. 2000, PASP, 112, 1532.
- *SN 1993J: The Early Radio Emission and Evidence for a Changing Presupernova Mass-Loss Rate*, Van Dyk, S. D., Weiler, K. W., Sramek, R. A., Rupen, M. P., & Panagia, N. 1994, ApJL, 432, L115.
- *On the Progenitor of the Type II-Plateau Supernova 2003gd in M74*, Van Dyk, S. D., Li, W., & Filippenko, A. V. 2003, PASP, 115, 1289.
- *The Progenitor of Supernova 2011dh/PTF11eon in Messier 51*, Van Dyk, S. D., Li, W., Cenko, S. B., et al. 2011, ApJL, 741, L28.
- *SN 1988Z: The Most Distant Radio Supernova*, Van Dyk, S. D., Weiler, K. W., Sramek, R. A., & Panagia, N. 1993, ApJL, 419, L69.
- *Supernovae and Massive Star Formation Regions*, Van Dyk, S. D., Hamuy, M., & Filippenko, A. V. 1996, AJ, 111, 2017.
- *A Search for Core-Collapse Supernova Progenitors in Hubble Space Telescope Images*, Van Dyk, S. D., Li, W., & Filippenko, A. V. 2003, PASP, 115, 1.
- *The Red Supergiant Progenitor of Supernova 2012aw (PTF12bvh) in Messier 95*, Van Dyk, S. D., Cenko, S. B., Poznanski, D., et al. 2012, ApJ, 756, 131.

Complete Bibliography

Dissertation

The Association of Supernovae with Regions of Recent Star Formation in Late-Type Galaxies, 1989, supervised by Dr. Paul W. Hodge.

Refereed Publications (h-index: 54 [ADS])

1. *Discovery and Rapid Follow-up Observations of the Unusual Type II SN 2018ivc in NGC 1068*, Bostroem, K. A., Valenti, S., Sand, D. J., et al. 2019, arXiv e-prints, arXiv:1909.07304.
2. *Candidate LBV stars in galaxy NGC 7793 found via HST photometry + MUSE spectroscopy*, Wofford, A., Ramírez, V., Lee, J. C., et al. 2020, MNRAS, 493, 2410.
3. *The Influence of Late-stage Nuclear Burning on Red Supergiant Supernova Light Curves*, Morozova, V., Piro, A. L., Fuller, J., & Van Dyk, S. D. 2020, ApJL, 891, L32.
4. *The SPIRITS Sample of Luminous Infrared Transients: Uncovering Hidden Supernovae and Dusty Stellar Outbursts in Nearby Galaxies*, Jencson, J. E., Kasliwal, M. M., Adams, S. M., et al. 2019, ApJ, 886, 40.
5. *Discovery of an Intermediate-luminosity Red Transient in M51 and Its Likely Dust-obscured, Infrared-variable Progenitor*, Jencson, J. E., Adams, S. M., Bond, H. E., et al. 2019, ApJL, 880, L20.
6. *Star cluster catalogues for the LEGUS dwarf galaxies*, Cook, D. O., Lee, J. C., Adamo, A., et al. 2019, MNRAS, 484, 4897.
7. *The Type II-plateau Supernova 2017eaw in NGC 6946 and Its Red Supergiant Progenitor*, Van Dyk, S. D., Zheng, W., Maund, J. R., et al. 2019, ApJ, 875, 136.
8. *Supernova 2017eaw: Molecule and Dust Formation from Infrared Observations*, Tinyanont, S., Kasliwal, M. M., Krafton, K., et al. 2019, ApJ, 873, 127.
9. *SPIRITS 16tn in NGC 3556: A Heavily Obscured and Low-luminosity Supernova at 8.8 Mpc*, Jencson, J. E., Kasliwal, M. M., Adams, S. M., et al. 2018, ApJ, 863, 20.
10. *SN 2017ein and the Possible First Identification of a Type Ic Supernova Progenitor*, Van Dyk, S. D., Zheng, W., Brink, T. G., et al. 2018, ApJ, 860, 90. (Erratum: 2018, ApJ, 868, 77.)
11. *The Type IIn Supernova SN 2010bt: The Explosion of a Star in Outburst*, Elias-Rosa, N., Van Dyk, S. D., Benetti, S., et al. 2018, ApJ, 860, 68.
12. *The Resolved Stellar Populations in the LEGUS Galaxies1*, Sabbi, E., Calzetti, D., Ubeda, L., et al. 2018, ApJS, 235, 23.
13. *Ultraviolet Detection of the Binary Companion to the Type IIb SN 2001ig*, Ryder, S. D., Van Dyk, S. D., Fox, O. D., et al. 2018, ApJ, 856, 83.
14. *Extinction Maps and Dust-to-gas Ratios in Nearby Galaxies with LEGUS*, Kahre, L., Walterbos, R. A., Kim, H., et al. 2018, ApJ, 855, 133.
15. *A surge of light at the birth of a supernova*, Bersten, M. C., Folatelli, G., García, F., et al. 2018, Natur, 554, 497.
16. *The dusty aftermath of SN Hunt 248: merger-burst remnant?*, Mauerhan, J. C., Van Dyk, S. D., Johansson, J., et al. 2018, MNRAS, 473, 3765.
17. *Applications of machine-learning algorithms for infrared colour selection of Galactic Wolf-Rayet stars*, Morello, G., Morris, P. W., Van Dyk, S. D., Marston, A. P., & Mauerhan, J. C. 2018, MNRAS, 473, 2565.

18. *The nearby Type Ibn supernova 2015G: signatures of asymmetry and progenitor constraints*, Shivvers, I., Zheng, W., Van Dyk, S. D., et al. 2017, MNRAS, 471, 4381.
19. *A Tale of Two Impostors: SN2002kg and SN1954J in NGC 2403*, Humphreys, R. M., Davidson, K., Van Dyk, S. D., & Gordon, M. S. 2017, ApJ, 848, 86.
20. *Constraints on the Progenitor of SN 2010jl and Pre-existing Hot Dust in its Surrounding Medium*, Dwek, E., Arendt, R. G., Fox, O. D., et al. 2017, ApJ, 847, 91.
21. *The direct identification of core-collapse supernova progenitors*, Van Dyk, S. D. 2017, RSPTA, 375, 20160277.
22. *Predicting the Presence of Companions for Stripped-envelope Supernovae: The Case of the Broad-lined Type Ic SN 2002ap*, Zapartas, E., de Mink, S. E., Van Dyk, S. D., et al. 2017, ApJ, 842, 125.
23. *Legacy ExtraGalactic UV Survey with The Hubble Space Telescope: Stellar Cluster Catalogs and First Insights Into Cluster Formation and Evolution in NGC 628*, Adamo, A., Ryon, J. E., Messa, M., et al. 2017, ApJ, 841, 131.
24. *SPIRITS: Uncovering Unusual Infrared Transients with Spitzer*, Kasliwal, M. M., Bally, J., Masci, F., et al. 2017, ApJ, 839, 88.
25. *The Candidate Progenitor of the Type IIn SN 2010jl Is Not an Optically Luminous Star*, Fox, O. D., Van Dyk, S. D., Dwek, E., et al. 2017, ApJ, 836, 222.
26. *Supernova Progenitors Observed with HST*, Van Dyk, S. D. 2017, hsn..book, 693.
27. *Asphericity, Interaction, and Dust in the Type II-P/II-L Supernova 2013EJ in Messier 74*, Mauerhan, J. C., Van Dyk, S. D., Johansson, J., et al. 2017, ApJ, 834, 118.
28. *A Systematic Study of Mid-infrared Emission from Core-collapse Supernovae with SPIRITS*, Tinyanont, S., Kasliwal, M. M., Fox, O. D., et al. 2016, ApJ, 833, 231.
29. *SN 2015U: a rapidly evolving and luminous Type Ibn supernova*, Shivvers, I., Zheng, W. K., Mauerhan, J., et al. 2016, MNRAS, 461, 3057.
30. *Disappearance of the Progenitor of Supernova iPTF13bvn*, Folatelli, G., Van Dyk, S. D., Kuncarayakti, H., et al. 2016, ApJL, 825, L22.
31. *Massive star mergers and the recent transient in NGC 4490: a more massive cousin of V838 Mon and V1309 Sco*, Smith, N., Andrews, J. E., Van Dyk, S. D., et al. 2016, MNRAS, 458, 950.
32. *Constraints on the Binary Companion to the SN Ic 1994I Progenitor*, Van Dyk, S. D., de Mink, S. E., & Zapartas, E. 2016, ApJ, 818, 75.
33. *An Excess of Mid-infrared Emission from the Type Iax SN 2014dt*, Fox, O. D., Johansson, J., Kasliwal, M., et al. 2016, ApJL, 816, L13.
34. *What powers the 3000-day light curve of SN 2006gy?*, Fox, O. D., Smith, N., Ammons, S. M., et al. 2015, MNRAS, 454, 4366.
35. *SN 2009ib: a Type II-P supernova with an unusually long plateau*, Takáts, K., Pignata, G., Pumo, M. L., et al. 2015, MNRAS, 450, 3137.
36. *Multiwavelength observations of NaSt1 (WR 122): equatorial mass loss and X-rays from an interacting Wolf-Rayet binary*, Mauerhan, J., Smith, N., Van Dyk, S. D., et al. 2015, MNRAS, 450, 2551.
37. *LEGUS Discovery of a Light Echo Around Supernova 2012aw*, Van Dyk, S. D., Lee, J. C., Anderson, J., et al. 2015, ApJ, 806, 195.
38. *SN Hunt 248: a super-Eddington outburst from a massive cool hypergiant*, Mauerhan, J. C., Van Dyk, S. D., Graham, M. L., et al. 2015, MNRAS, 447, 1922.

39. *Legacy Extragalactic UV Survey (LEGUS) With the Hubble Space Telescope. I. Survey Description*, Calzetti, D., Lee, J. C., Sabbi, E., et al. 2015, AJ, 149, 51.

40. *On the Progenitor System of the Type Iax Supernova 2014dt in M61*, Foley, R. J., Van Dyk, S. D., Jha, S. W., et al. 2015, ApJL, 798, L37.

41. *Spitzer/Infrared Spectrograph Investigation of MIPSGAL 24 μm Compact Bubbles: Low-resolution Observations*, Nowak, M., Flagey, N., Noriega-Crespo, A., et al. 2014, ApJ, 796, 116.

42. *A Blue Point Source at the Location of Supernova 2011dh*, Folatelli, G., Bersten, M. C., Benvenuto, O. G., et al. 2014, ApJL, 793, L22.

43. *Uncovering the Putative B-star Binary Companion of the SN 1993J Progenitor*, Fox, O. D., Azalee Bostroem, K., Van Dyk, S. D., et al. 2014, ApJ, 790, 17.

44. *SN 2009N: linking normal and subluminous Type II-P SNe*, Takáts, K., Pumo, M. L., Elias-Rosa, N., et al. 2014, MNRAS, 438, 368.

45. *The Type IIb Supernova 2013df and its Cool Supergiant Progenitor*, Van Dyk, S. D., Zheng, W., Fox, O. D., et al. 2014, AJ, 147, 37.

46. *Nebular spectroscopy of the nearby Type IIb supernova 2011dh*, Shivvers, I., Mazzali, P., Silverman, J. M., et al. 2013, MNRAS, 436, 3614.

47. *An early and comprehensive millimetre and centimetre wave and X-ray study of SN 2011dh: a non-equipartition blast wave expanding into a massive stellar wind*, Horesh, A., Stockdale, C., Fox, D. B., et al. 2013, MNRAS, 436, 1258.

48. *The Progenitor of Supernova 2011dh has Vanished*, Van Dyk, S. D., Zheng, W., Clubb, K. I., et al. 2013, ApJL, 772, L32.

49. *An Echo of Supernova 2008bk*, Van Dyk, S. D. 2013, AJ, 146, 24.

50. *Late-time Dust Emission from the Type IIn Supernova 1995N*, Van Dyk, S. D. 2013, AJ, 145, 118.

51. *Eleven New Heavily Reddened Field Wolf-Rayet Stars*, Smith, J. D. T., Cushing, M., Barletta, A., et al. 2012, AJ, 144, 166.

52. *Berkeley Supernova Ia Program - I. Observations, data reduction and spectroscopic sample of 582 low-redshift Type Ia supernovae*, Silverman, J. M., Foley, R. J., Filippenko, A. V., et al. 2012, MNRAS, 425, 1789.

53. *Radio Insight into the Nature of Type IIb Progenitors*, Stockdale, C. J., Ryder, S. D., Horesh, A., et al. 2012, IAUS, 279, 393.

54. *Identifying Supernova Progenitors and Constraining the Explosion Channels*, Van Dyk, S. D. 2012, IAUS, 279, 110.

55. *The Red Supergiant Progenitor of Supernova 2012aw (PTF12bvh) in Messier 95*, Van Dyk, S. D., Cenko, S. B., Poznanski, D., et al. 2012, ApJ, 756, 131.

56. *Evidence for Type Ia Supernova Diversity from Ultraviolet Observations with the Hubble Space Telescope*, Wang, X., Wang, L., Filippenko, A. V., et al. 2012, ApJ, 749, 126.

57. *It's Alive! The Supernova Impostor 1961V*, Van Dyk, S. D., & Matheson, T. 2012, ApJ, 746, 179.

58. *Supernova 2008bk and Its Red Supergiant Progenitor*, Van Dyk, S. D., Davidge, T. J., Elias-Rosa, N., et al. 2012, AJ, 143, 19.

59. *The Massive Progenitor of the Possible Type II-Linear Supernova 2009hd in Messier 66*, Elias-Rosa, N., Van Dyk, S. D., Li, W., et al. 2011, ApJ, 742, 6.

60. *The Progenitor of Supernova 2011dh/PTF11eon in Messier 51*, Van Dyk, S. D., Li, W., Cenko, S. B., et al. 2011, ApJL, 741, L28.

61. *Surveying the Agents of Galaxy Evolution in the Tidally Stripped, Low Metallicity Small Magellanic Cloud (SAGE-SMC). I. Overview*, Gordon, K. D., Meixner, M., Meade, M. R., et al. 2011, AJ, 142, 102.

62. *The Formation of Kiloparsec-scale H I Holes in Dwarf Galaxies*, Warren, S. R., Weisz, D. R., Skillman, E. D., et al. 2011, ApJ, 738, 10.

63. *Red Eyes on Wolf-Rayet Stars: 60 New Discoveries via Infrared Color Selection*, Mauerhan, J. C., Van Dyk, S. D., & Morris, P. W. 2011, AJ, 142, 40.

64. *Dust and the Type II-plateau Supernova 2004dj*, Meikle, W. P. S., Kotak, R., Farrah, D., et al. 2011, ApJ, 732, 109.

65. *A Massive Progenitor of the Luminous Type IIn Supernova 2010jl*, Smith, N., Li, W., Miller, A. A., et al. 2011, ApJ, 732, 63.

66. *The SAGE-Spec Spitzer Legacy programme: the life-cycle of dust and gas in the Large Magellanic Cloud - Point source classification I*, Woods, P. M., Oliveira, J. M., Kemper, F., et al. 2011, MNRAS, 411, 1597.

67. *Massive Stars with Circumstellar Shells Discovered with the Spitzer Space Telescope*, Wachter, S., Mauerhan, J., van Dyk, S., Hoard, D. W., & Morris, P. 2011, BSRSL, 80, 291.

68. *The Spitzer Atlas of Stellar Spectra (SASS)*, Ardila, D. R., Van Dyk, S. D., Makowiecki, W., et al. 2010, ApJS, 191, 301.

69. *Discovery of Twin Wolf-Rayet Stars Powering Double Ring Nebulae*, Mauerhan, J. C., Wachter, S., Morris, P. W., Van Dyk, S. D., & Hoard, D. W. 2010, ApJL, 724, L78.

70. *First Views of a Nearby LIRG: Star Formation and Molecular Gas in IRAS 04296+2923*, Meier, D. S., Turner, J. L., Beck, S. C., et al. 2010, AJ, 140, 1294.

71. *Multiple major outbursts from a restless luminous blue variable in NGC 3432*, Pastorello, A., Botticella, M. T., Trundle, C., et al. 2010, MNRAS, 408, 181.

72. *The SAGE-Spec Spitzer Legacy Program: The Life Cycle of Dust and Gas in the Large Magellanic Cloud*, Kemper, F., Woods, P. M., Antoniou, V., et al. 2010, PASP, 122, 683.

73. *A Hidden Population of Massive Stars with Circumstellar Shells Discovered with the Spitzer Space Telescope*, Wachter, S., Mauerhan, J. C., Van Dyk, S. D., et al. 2010, AJ, 139, 2330.

74. *The Massive Progenitor of the Type II-linear Supernova 2009kr*, Elias-Rosa, N., Van Dyk, S. D., Li, W., et al. 2010, ApJL, 714, L254.

75. *Mid-infrared diagnostics of metal-rich HII regions from VLT and Spitzer spectroscopy of young massive stars in W31*, Furness, J. P., Crowther, P. A., Morris, P. W., et al. 2010, MNRAS, 403, 1433.

76. *On the Progenitor of the Type II-Plateau SN 2008cn in NGC 4603*, Elias-Rosa, N., Van Dyk, S. D., Li, W., et al. 2009, ApJ, 706, 1174. (Erratum: 2010, ApJ, 711, 1343.)

77. *Multi-Wavelength Properties of the Type IIb SN 2008ax*, Roming, P. W. A., Pritchard, T. A., Brown, P. J., et al. 2009, ApJL, 704, L118.

78. *Dust and The Type II-Plateau Supernova 2004et*, Kotak, R., Meikle, W. P. S., Farrah, D., et al. 2009, ApJ, 704, 306.

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80. *12 New Galactic Wolf-Rayet Stars Identified via 2MASS + Spitzer/GLIMPSE*, Mauerhan, J. C., Van Dyk, S. D., & Morris, P. W. 2009, PASP, 121, 591.

81. *23 GHz VLBI observations of SN 2008ax*, Martí-Vidal, I., Marcaide, J. M., Alberdi, A., et al. 2009, A&A, 499, 649.

82. *Eleven Years of Radio Monitoring of the type IIn Supernova SN 1995N*, Chandra, P., Stockdale, C. J., Chevalier, R. A., et al. 2009, ApJ, 690, 1839.

83. *GALEX Spectroscopy of SN 2005ay Suggests Ultraviolet Spectral Uniformity among Type II-P Supernovae*, Gal-Yam, A., Bufano, F., Barlow, T. A., et al. 2008, ApJL, 685, L117.

84. *Massive stars exploding in a He-rich circumstellar medium - III. SN 2006jc: infrared echoes from new and old dust in the progenitor CSM*, Mattila, S., Meikle, W. P. S., Lundqvist, P., et al. 2008, MNRAS, 389, 141.

85. *Spitzer Survey of the Large Magellanic Cloud, Surveying the Agents of a Galaxy's Evolution (sage). IV. Dust Properties in the Interstellar Medium*, Bernard, J.-P., Reach, W. T., Paradis, D., et al. 2008, AJ, 136, 919.

86. *Spitzer Sage Survey of the Large Magellanic Cloud. III. Star Formation and ~1000 New Candidate Young Stellar Objects*, Whitney, B. A., Sewilo, M., Indebetouw, R., et al. 2008, AJ, 136, 18.

87. *Long-Term Radio Monitoring of SN 1993J*, Weiler, K. W., Williams, C. L., Panagia, N., et al. 2007, ApJ, 671, 1959.

88. *The Radio Evolution of SN 2001gd*, Stockdale, C. J., Williams, C. L., Weiler, K. W., et al. 2007, ApJ, 671, 689.

89. *A Spitzer Space Telescope Study of SN 2003gd: Still No Direct Evidence that Core-Collapse Supernovae are Major Dust Factories*, Meikle, W. P. S., Mattila, S., Pastorello, A., et al. 2007, ApJ, 665, 608.

90. *On the Progenitors of Two Type II-P Supernovae in the Virgo Cluster*, Li, W., Wang, X., Van Dyk, S. D., et al. 2007, ApJ, 661, 1013.

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92. *Searching for hidden Wolf-Rayet stars in the Galactic plane - 15 new Wolf-Rayet stars*, Hadfield, L. J., van Dyk, S. D., Morris, P. W., et al. 2007, MNRAS, 376, 248.

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94. *Spitzer Measurements of Atomic and Molecular Abundances in the Type IIP SN 2005af*, Kotak, R., Meikle, P., Pozzo, M., et al. 2006, ApJL, 651, L117.

95. *Spitzer SAGE Survey of the Large Magellanic Cloud. II. Evolved Stars and Infrared Color-Magnitude Diagrams*, Blum, R. D., Mould, J. R., Olsen, K. A., et al. 2006, AJ, 132, 2034.

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100. *The Light Echo around Supernova 2003gd in Messier 74*, Van Dyk, S. D., Li, W., & Filippenko, A. V. 2006, PASP, 118, 351.

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102. *Late-Time X-Ray, UV, and Optical Monitoring of Supernova 1979C*, Immler, S., Fesen, R. A., Van Dyk, S. D., et al. 2005, ApJ, 632, 283.

103. *Early-Time Spitzer Observations of the Type II Plateau Supernova SN 2004dj*, Kotak, R., Meikle, P., van Dyk, S. D., Höflich, P. A., & Mattila, S. 2005, ApJL, 628, L123.

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108. *Extragalactic binaries as core-collapse supernova progenitors*, Van Dyk, S. D. 2004, NewAR, 48, 749.

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114. *The Progenitor of Supernova 1993J Revisited*, Van Dyk, S. D., Garnavich, P. M., Filippenko, A. V., et al. 2002, PASP, 114, 1322.

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Papers Delivered to Scientific Meetings or Colloquia

1. The red supergiant progenitors of Type II-plateau supernovae, Massive Stars and Supernovae, Bariloche, Argentina, November 2018.
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3. Supernova Science with a WFIRST Nearby Galaxy GO Program, Supernovae Through The Ages, Easter Island, Chile, August 2016.
4. Supernova progenitors and their binary companions, Colloquium, San Diego State University, June 2016.
5. SN Progenitors and Their Binary Companions, **Invited review**, Supernova Remnants: An Odyssey in Space After Stellar Death, Chania, Crete, Greece, June 2016.
6. The Direct Identification of Core-Collapse Supernova Progenitors, **Invited review**, Bridging the gap: from massive stars to supernovae, Kavli Royal Society Centre, UK, May 2016.
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8. The Direct Identification of Supernova Progenitors, astrophysics seminar, Center for Cosmology and Particle Physics, New York University, October 2015.
9. Spatially-Resolved Imaging of Stripped-Envelope Supernova Environments, Focus Meeting 10, IAU General Assembly XXIX, Honolulu, HI, August 2015.
10. Revisiting the Red Supergiant Progenitors of Core-Collapse Supernovae, Focus Meeting 16, IAU General Assembly XXIX, Honolulu, HI, August 2015.

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13. SN 1961V: From Alpha to Omega?, Massive Stars: From α to Ω, Rhodes, Greece, June 2013.
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15. Giant Eruptions (Supernova Impostors), **Invited talk**, A Workshop on Outstanding Problems in Massive Star Research – the final stages, St. Paul, MN, October 2012.
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19. Detecting SN Ib/c Progenitors, The Evolution of Massive Stars and Progenitors of Gamma-Ray Bursts, Aspen, CO, June 2012.
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21. Core-Collapse Supernova Progenitors, Colloquium, U. de Chile, Cerro Calan, Santiago, December 2011.
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23. Supernova Impostors: Connection to Supernovae and Transient Surveys, Supernovae and Their Host Galaxies, Sydney, Australia, June 2011.
24. The Unusual Supernova 1978K and Dust Formation, 217th Meeting of the AAS, Seattle, WA, January 2011.
25. Direct Identifications of Recent Core-Collapse Supernova Progenitors, IAP, Paris, France, June 2010.
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33. Identifying the Progenitors of Core-Collapse Supernovae, Supernova and Gamma-Ray Burst Remnants, KITP/UCSB, February 2006 (http://online.kitp.ucsb.edu/online/grb_c06/vandyk/).

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37. Unusual Supernovae and Massive Stellar Evolution, Colloquium, Univ. of Minnesota, September 2003.
38. Searching HST Images for Core-Collapse Supernova Progenitors, IAU Symposium 218, contributed talk, IAU 25th General Assembly, Sydney, Austr., July 2003.
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40. Binaries as Progenitors of Core-Collapse Supernovae, contributed talk, Joint Discussion 13, IAU 25th General Assembly, Sydney, Austr., July 2003.
41. A Decade of Radio and X-ray Observations of SN 1993J, **Invited Review**, IAU Colloquium 192, Valencia, Spain, April 2003.
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43. A Search for Core-Collapse Supernova Progenitors In Hubble Space Telescope Images, 201st Meeting of the AAS, Seattle, WA, January 2003.
44. Core-Collapse Supernova Progenitors in Hubble Space Telescope Images, ESO/MPA/MPE Workshop, Garching, Germany, July 2002 (in absentia).
45. 2MASS Observations of the Carina Nebula, Hot Star Workshop III, Boulder, CO, August 2001.
46. Supernovae at the Highest Angular Resolution, IAU Symposium 205, IAU 24th General Assembly, Manchester, UK, August 2000.
47. Supernova Environments in Hubble Space Telescope Images, at Cosmic Explosions: 10th Annual Maryland Astrophysics Conference, College Park, October 1999.
48. Supernova Environments in Hubble Space Telescope Images, at Gas, Dust, & Stars - From Meteorites to Galaxies: A Meeting to Honor Paul Hodge, Friday Harbor, WA, September 1999.
49. 2MASS Observations of Local Group Dwarf Galaxies, at Gas, Dust, & Stars - From Meteorites to Galaxies: A Meeting to Honor Paul Hodge, Friday Harbor, WA, September 1999.
50. Radio Supernovae and the Square Kilometer Array, **Invited Talk**, Perspectives on Radio Astronomy: Scientific Imperatives at cm and m Wavelengths, Amsterdam, April 1999 (delivered in absentia).
51. Late-Time SNe Radio Emissions, **Invited Talk**, Young SNRs Workshop, NCAR, Boulder, CO, October 1998.
52. Radio Supernovae as Direct Evidence of Stellar Evolution in Real Time, **Invited Talk**, Joint Discussion 8, IAU 23rd General Assembly, Kyoto, Japan, August 1997.
53. The History of and Mechanisms for Star Formation in Sextans A, Joint Discussion 2, IAU 23rd General Assembly, Kyoto, Japan, August 1997.
54. Radio Emission from Low-Luminosity Active Galactic Nuclei, IAU Symposium 184, IAU 23rd General Assembly, Kyoto, Japan, August 1997.
55. HST Archive Images of Supernova Environments, UCSB/ITP Workshop, Supernova Explosions: Their Causes and Consequences, August 1997.
56. Supernovae in Giant HII Regions, **Invited Talk**, Astrophysics Division, APS Meeting, Washington, DC, April 1997.

57. An Update on Radio Supernovae, IAU Colloquium 164: Radio Emission from Galactic and Extragalactic Compact Sources, Socorro, NM, April 1997.
58. Radio Emission from Low-Luminosity Active Galactic Nuclei, IAU Colloquium 164: Radio Emission from Galactic and Extragalactic Compact Sources, Socorro, NM, April 1997.
59. The Nature of Recent Radio Supernovae, 1051 Ergs: The Evolution of Shell SNRs, The Minnesota Astronomy Centennial: SNR Meeting, March 1997.
60. Supernova Environments and Progenitors, Colloquium, NASA/IPAC, March 1997.
61. Study of the Stellar Population Within 60 pc of SN 1987A, SN 1987A: Ten Years After, the Fifth CTIO/ESO and First CTIO/ESO/LCO Workshop, February 1997.
62. The Varied Evolution of Radio Supernovae, SN 1987A: Ten Years After, the Fifth CTIO/ESO and First CTIO/ESO/LCO Workshop, February 1997.
63. Supernova Environments and Progenitors, Colloquium, UCLA, January 1997.
64. Supernova Environments and Progenitors, Colloquium, NASA/JPL, January 1997.
65. Going Out With a Bang: Supernovae and Their Environments, Colloquium, LLNL-IGPP, April 1996.
66. Going Out With a Bang: Supernovae and Their Environments, Colloquium, UC Berkeley, April 1996.
67. A Search for Radio Emission from Type Ia Supernovae, Thermonuclear Supernovae, Nato Summer School, Barcelona, Spain, June 1995.
68. The Berkeley Automatic Imaging Telescopes: The Search for and Photometry of Supernovae, 185th Meeting of the AAS, Tucson, AZ, January 1995.
69. The Environments of Type Ib/c Supernovae, **Invited Talk**, IAU Symposium No. 165, IAU General Assembly, August 1994, The Hague.
70. The Early-Type Parent Galaxies of Type Ia Supernovae, IAU Symposium No. 164, IAU General Assembly, August 1994, The Hague.
71. The Radio Emission from SNe 1993J and 1994I, Colloquium, ESO, Garching, Germany, August 1994.
72. The Radio Emission from SNe 1993J and 1994I, Colloquium, MPIfRA, Bonn, Germany, August 1994.
73. An Update On the Radio Emission from SN 1993J in M 81, 183rd Meeting of the AAS, Washington, DC, January 1994.
74. Radio Supernovae as Probes of Progenitor Winds, **Invited Talk**, the 34th Herstmonceux Conference, Cambridge, UK, July 1993.
75. The Early Radio Light Curves for SN 1993J, 182nd Meeting of the AAS, June 1993.
76. The Early Radio Light Curves for SN 1993J, IAU Colloquium No. 145, Supernovae & Supernova Remnants, May 1993.
77. SN 1988Z: The Most Distant Radio Supernova, IAU Colloquium No. 145, Supernovae & Supernova Remnants, May 1993.
78. The Early Radio Light Curves for SN 1993J, **Invited Talk**, 182nd Meeting of the AAS, June 1993.
79. The Radio Emission from the Type Ic Supernova SN 1990B, 181st Meeting of the AAS, January 1993.
80. Supernovae and Massive Star Formation Regions in Late-Type Galaxies, 104th Meeting of the ASP, June 1992.

81. Radio Supernovae and Massive Stellar Winds, 104th Meeting of the ASP, June 1992.
82. The Classification of Radio Supernovae, the 179th Meeting of the AAS, January 1992.
83. The Radio Light Curves for SN 1980K and SN 1981K, the 178th Meeting of the AAS, May 1991.
84. The Association of Supernovae with Recent Star Formation Regions in Late-Type Galaxies, the 177th Meeting of the AAS, January 1991.
85. The Association of Supernovae with Regions of Recent Star Formation in Spiral Galaxies, the 169th Meeting of the AAS, January 1987.
86. The Association of Type I and II Supernovae with H II Regions in Spiral Galaxies, the 1986 meeting of the Northwest Astronomy Conference.

Major Telescope Programs

1. *Did SN 2017ein Arise From A Very Massive Star?*, Van Dyk, S. D., Andrews, J., Brink, T. G., et al. 2019, HST Proposal, 15853.
2. *UV Spectroscopic Signatures from Type Ibn Supernovae Strongly Interacting with a Circumstellar Medium*, Fox, O. D., Andrews, J., Brink, T. G., et al. 2019, HST Proposal, 15834.
3. *PHANGS-HST: Linking Stars and Gas throughout the Scales of Star Formation*, Lee, J., Larson, K. L., Thilker, D., et al. 2018, HST Proposal, 15654.
4. *The Progenitor of Supernova 2016gkg*, Folatelli, G., Bersten, M. C., Filippenko, A. V., et al. 2017, HST Proposal, 15272.
5. *Continuing a Snapshot Survey of the Sites of Recent, Nearby Supernovae: Cycles 25 & 26*, Filippenko, A. V., Brink, T. G., Mauerhan, J., et al. 2017, HST Proposal, 15166. (Also, GO-16024 in Cycle 27.)
6. *Finally, the Progenitor of the Type Ib iPTF13bvn*, Van Dyk, S. D., Bersten, M. C., Fillippenko, A. V., et al. 2017, HST Proposal, 15152.
7. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Bersten, M. C., Fillippenko, A. V., et al. 2017, HST Proposal, 15151.
8. *A Mid-IR Census of Dusty Supernovae From the Past Decade In Preparation for JWST*, Fox, O., Andrews, J., Arendt, R., et al. 2018, Spitzer Proposal, 14098.
9. *SPIRITS: SPitzer InfraRed Intensive Transients Survey*, Kasliwal, M., Jencson, J., Lau, R., et al. 2018, Spitzer Proposal, 14089.
10. *Pre-supernova properties of progenitors detected by HST*, Fuller, J., Adams, S., Drout, M., et al. 2017, HST Proposal, 15021 (Theory).
11. *Continuing a Snapshot Survey of the Sites of Recent, Nearby Supernovae: Cycle 24*, Filippenko, A. V., Shivvers, I., Fox, O. D., et al. 2016, HST Proposal, 14668.
12. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Fox, O. D., et al. 2016, HST Proposal, 14645.
13. *The Incredibly Long-Lived SN 2005ip*, Fox, O. D., Andrews, J., Clayton, G. C., et al. 2016, HST Proposal, 14598.
14. *SPIRITS: SPitzer InfraRed Intensive Transients Survey*, Kasliwal, M., Lau, R., Cao, Y., et al. 2016, Spitzer Proposal, 13053.
15. *The Local Environments of Supernovae from Archival HST Images*, Filippenko, A. V., Fox, O. D., Graham, M. L., et al. 2015, HST Proposal, 14295.
16. *The Nature of SPIRITS Mid-Infrared Extragalactic Transients*, Bond, H. E., Armus, L., Bally, J., et al. 2015, HST Proposal, 14258.

17. *Continuing a Snapshot Survey of the Sites of Recent, Nearby Supernovae*, Filippenko, A. V., Fox, O. D., Kelly, P., et al. 2015, HST Proposal, 14149.
18. *A Search for A Light Echo from Supernova 2013ej*, Van Dyk, S. D. 2015, HST Proposal, 14116.
19. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Foley, R., et al. 2015, HST Proposal, 14115.
20. *Long-Lost Companions: A Search for the Binary Secondaries of Three Nearby Supernovae*, Fox, O. D., Bostroem, K. A., de Mink, S. E., et al. 2015, HST Proposal, 14075.
21. *SPIRITS: SPitzer InfraRed Intensive Transients Survey*, Kasliwal, M., Cao, Y., Masci, F., et al. 2014, Spitzer Proposal, 11063.
22. *Probing Pre-Supernova Mass Loss With Circumstellar Dust Shells*, Fox, O., Filippenko, A., Skrutskie, M., van Dyk, S., & Kelly, P. 2014, Spitzer Proposal, 11053.
23. *The Nature of SPIRITS Intermediate-Luminosity Mid-IR Transients*, Bond, H. E., Armus, L., Bally, J., et al. 2014, HST Proposal, 13935.
24. *A Wolf-Rayet Progenitor for iPTF13bvn?*, Van Dyk, S. D. 2014, HST Proposal, 13684.
25. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Foley, R., et al. 2014, HST Proposal, 13683.
26. *Uncovering the Putative B-Star Binary Companion of the SN 1993J Progenitor*, Fox, O. D., Bostroem, K. A., Chandra, P., et al. 2014, HST Proposal, 13648.
27. *NAPA Observations of Core-Collapse Supernovae*, Ryder, S., Stockdale, C., van Dyk, S., et al. 2014, ATNF Proposal, C1473.
28. *Probing Pre-Supernova Mass Loss With Circumstellar Dust Shells*, Fox, O., Filippenko, A., Skrutskie, M., van Dyk, S., & Kelly, P. 2013, Spitzer Proposal, 10139.
29. *SPIRITS: SPitzer InfraRed Intensive Transients Survey*, Kasliwal, M., Cao, Y., Surace, J., et al. 2013, Spitzer Proposal, 10136.
30. *LEGUS: Legacy ExtraGalactic UV Survey*, Calzetti, D., et al. 2013, HST Proposal, 13364.
31. *How Low Can They Go? Detecting low luminosity supernova progenitors*, Fruchter, A. S., Eldridge, J. J., Hounsell, R., et al. 2013, HST Proposal, 13350.
32. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Foley, R., et al. 2013, HST Proposal, 13341.
33. *Detecting a Hot Companion to the Progenitor of the Type Ic Supernova 1994I in M51*, Van Dyk, S. D. 2013, HST Proposal, 13340.
34. *Late-Time UV Spectroscopic Signatures from Circumstellar Interaction in Type IIn Supernovae*, Fox, O. D., Andrews, J., Clayton, G. C., et al. 2013, HST Proposal, 13287.
35. *NAPA Observations of Core-Collapse Supernovae*, Ryder, S., Stockdale, C., van Dyk, S., et al. 2013, ATNF Proposal, C1473.
36. *A Homunculus Around the Star NaSt1 {WR122}?*, Mauerhan, J., Smith, N., Van Dyk, S. D. 2012, HST Proposal, 13034.
37. *A Snapshot Survey of the Sites of Recent, Nearby Supernovae*, Filippenko, A. V., Fox, O. D., Kelly, P., et al. 2012, HST Proposal, 13029.
38. *Stellar Origins of Supernovae*, Van Dyk, S. D., Elias-Rosa, N., Filippenko, A. V., et al. 2012, HST Proposal, 12888.
39. *NAPA Observations of Core-Collapse Supernovae*, Ryder, S., Weiler, K., Stockdale, C., et al. 2012, ATNF Proposal, C1473.
40. *A Search for the Missing Supernovae in Ultraluminous, Star Forming Galaxies*, Fox, O., Filippenko, A., Skrutskie, M., et al. 2012, Spitzer Proposal, 90031.

41. *NAPA Observations of Core-Collapse Supernovae*, Ryder, S., Weiler, K., Stockdale, C., et al. 2012, ATNF Proposal, C1473.
42. *Photometric Monitoring of a New Sample of Candidate Luminous Blue Variables*, Mauerhan, J., Van Dyk, S., & Wachter, S. 2012, NOAO Proposal, 592.
43. *The Local Environments of Supernovae from Archival HST Images*, Filippenko, A. V., Li, W., Van Dyk, S. D. 2011, HST Proposal, 12623 (AR).
44. *Tracking the Continuing Evolution of SN 1993J with COS and WFC3*, Filippenko, A. V., Chandra, P., Chevalier, R. A., et al. 2011, HST Proposal, 12531.
45. *NAPA Observations of Core-Collapse Supernovae*, Ryder, S., Weiler, K., Stockdale, C., et al. 2011, ATNF Proposal, C1473.
46. *Deep GLIMPSE: Exploring the Far Side of the Galaxy*, Whitney, B., Benjamin, R., Churchwell, E., et al. 2011, Spitzer Proposal, 80074.
47. *NAPA Observations of Core-Collapse Supernovae*, Ryder, S., Weiler, K., Stockdale, C., et al. 2011, ATNF Proposal, C1473.
48. *Tests of Environmental Effects on SN Ia Production*, Strolger, L.-G., van Dyk, S., Wolff, S., et al. 2011, NOAO Proposal, 416.
49. *NAPA Observations of Core-Collapse Supernovae*, Ryder, S., Weiler, K., Stockdale, C., et al. 2010, ATNF Proposal, C1473.
50. *NAPA Observations of Core-Collapse Supernovae*, Ryder, S., Weiler, K., Stockdale, C., et al. 2010, ATNF Proposal, C1473.
51. *Obscured Massive Stellar X-ray Sources in the Galactic Plane*, Mauerhan, J., van Dyk, S., & Morris, P. 2010, NOAO Proposal, 384.
52. *Observations of Core-Collapse Supernovae with Candidate Progenitor Identifications.*, Elias-Rosa, N., & van Dyk, S. D. 2010, NOAO Proposal, 315.
53. *The Nature of Mid-Infrared Circumstellar Shells discovered with the Spitzer Space Telescope*, Wachter, S., van Dyk, S., Mauerhan, J., Hoard, D., & Morris, P. 2010, NOAO Proposal, 114.
54. *The Local Environments of Supernovae from Archival HST Images*, Filippenko, A. V., Li, W., Van Dyk, S. D. 2010, HST Proposal, 12126 (AR).
55. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Cuillandre, J.-C., Elias-Rosa, N., et al. 2009, HST Proposal, 11575.
56. *GRB090423: A Lighthouse at the Epoch of Reionization*, Chary, R.-R., Berger, E., Dickinson, M., et al. 2009, Spitzer Proposal, 538.
57. *The Nature of Mid-Infrared Circumstellar Shells discovered with the Spitzer Space Telescope*, Wachter, S., van Dyk, S., Carey, S., Hoard, D., & Morris, P. 2009, NOAO Proposal, 278.
58. *GLIMPSE360: Completing the Spitzer Galactic Plane Survey*, Whitney, B., Arendt, R., Babler, B., et al. 2008, Spitzer Proposal, 60020.
59. *The Spitzer Spectroscopic Stellar Atlas*, Ardila, D., Fajardo-Acosta, S., Grillmair, C., et al. 2008, Spitzer Proposal, 485.
60. *IRS investigation of 24 micron compact ring sources*, Carey, S., Morris, P., Noriega-Crespo, A., et al. 2008, Spitzer Proposal, 50808.
61. *The Unusual Supernova 1978K: A Supernova Remnant in Formation?*, van Dyk, S. 2008, Spitzer Proposal, 50603.
62. *The SMC as a probe of dust in the early Universe (GTO)*, Sloan, G., Bernard-Salas, J., Blum, R., et al. 2008, Spitzer Proposal, 50240.

63. *Revealing Hidden Evolved Massive Stars in the Galaxy with GLIMPSE+2MASS*, van Dyk, S. D., & Morris, P. W. 2008, NOAO Proposal, 572.

64. *Mid-infrared observations of a bright, new, thermonuclear supernova in the Antennae Galaxy*, Kotak, R., Gerardy, C., Meikle, P., & van Dyk, S. 2008, Spitzer Proposal, 471.

65. *Spitzer SAGE Followup: Kinematics of the LMC*, Olsen, K., Blum, R., Gordon, K., et al. 2007, NOAO Proposal, 416.

66. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Cuillandre, J.-C., Filippenko, A. V., et al. 2007, HST Proposal, 11119.

67. *The Local Environments of Supernovae*, Filippenko, A. V., Li, W., Van Dyk, S. D., X. Wang 2007, HST Proposal, 11248 (AR).

68. *Spitzer Studies of Supernova ejecta and dust*, Kotak, R., Andersen, A., Farrah, D., et al. 2007, Spitzer Proposal, 40619.

69. *SAGE-SMC: Surveying the Agents of Galaxy Evolution in the Tidally-Disrupted, Low-Metallicity Small Magellanic Cloud*, Gordon, K., Mizuno (ISM, S., Meixner (ES, S., et al. 2007, Spitzer Proposal, 40245.

70. *Galactic Evolved Massive Stars Survey (GEMSS)*, van Dyk, S., & Morris, P. W. 2007, Spitzer Proposal, 40240.

71. *SAGE-Spectroscopy: The life cycle of dust and gas in the Large Magellanic Cloud*, Tielens, A., Markwick-Kemper, F., Bernard, J.-P., et al. 2007, Spitzer Proposal, 40159.

72. *The Mass Loss Histories of Hot, Massive Stars Revealed by their Circumstellar Nebulae and Interactions With the ISM*, Morris, P., Bernard-Salas, J., Crowther, P. A., et al. 2006, Spitzer Proposal, 30544.

73. *The Local Environments of Supernovae*, Filippenko, A. V., Li, W., Van Dyk, S. D. 2005, HST Proposal, 10952 (AR).

74. *A Snapshot Survey of the Sites of Recent, Nearby Supernovae*, Li, W., Filippenko, A. V., Van Dyk, S. D. 2006, HST Proposal, 10877.

75. *Infrared Study of Supernova Dust and Ejecta*, Meikle, W. P., Farrah, D., Fesen, R., et al. 2006, Spitzer Proposal, 30292.

76. *NAPA Observations of Core-Collapse Supernovae*, Ryder, S., Sadler, E., Weiler, K., et al. 2006, ATNF Proposal, C1473.

77. *Revealing Hidden Wolf-Rayet Stars in the Galaxy with GLIMPSE+2MASS*, van Dyk, S. D., Hadfield, L., Morris, P. W., & Smith, J. D. T. 2006, NOAO Proposal, 53.

78. *The Local Environments of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Li, W. 2005, HST Proposal, 10690 (AR).

79. *The Dust Condensation Sequence at Low Metallicity: AGB Stars in NGC 6822*, van Dyk, S., Kemper, F., Meixner, M., et al. 2005, Spitzer Proposal, 20608.

80. *A GLIMPSE at Hidden Wolf-Rayet Stars in the Galaxy*, van Dyk, S., Marston, A., Morris, P., & Smith, J. D. 2005, Spitzer Proposal, 20574.

81. *Infrared Study of Supernova Ejecta and Dust*, Meikle, W. P., Farrah, D., Fesen, R., et al. 2005, Spitzer Proposal, 20256.

82. *Spitzer Survey of the Large Magellanic Cloud: Surveying the Agents of a Galaxy's Evolution (SAGE)*, Meixner, M., Gordon (ISM, S., Churchwell (SF), E., et al. 2005, Spitzer Proposal, 20203.

83. *Spitzer Observations of a Nearby Supernova: SN 2005af in NGC 4945*, van Dyk, S., & Meikle, W. P. 2005, Spitzer Proposal, 237.

84. *The Enigmatic Supernova 2001em: Off-Axis GRB Afterglow?*, van Dyk, S., Filippenko, A., Granot, J., et al. 2004, Spitzer Proposal, 3641.

85. *The O-rich condensation sequence at low metallicity: Large Magellanic Cloud AGB and post-AGB stars*, Markwick-Kemper, F., Meixner, M., Speck, A. K., et al. 2004, Spitzer Proposal, 3591.

86. *Spitzer Observations of Newly Born Massive Stars in the W31 Cluster*, Crowther, P., Barbosa, C., Blum, R., et al. 2004, Spitzer Proposal, 3337.

87. *Infrared Study of Supernova Ejecta and Dust*, Meikle, W. P., Farrah, D., Fesen, R., et al. 2004, Spitzer Proposal, 3248.

88. *Spitzer Observations of a Nearby Supernova (SONS): SN 2004dj in NGC 2403*, van Dyk, S., Kosma, C., Gerardy, C., et al. 2004, Spitzer Proposal, 226.

89. *The Local Environments of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Li, W. 2003, HST Proposal, 10297 (AR).

90. *A Snapshot Survey of the Sites of Recent, Nearby Supernovae*, Filippenko, A. V., Li, W., Van Dyk, S. D. 2004, HST Proposal, 10272.

91. *Towards a Comprehensive Understanding of Type Ia Supernovae: The Necessity of UV Observations*, Filippenko, A. V., Challis, P., Aldering, G., et al. 2004, HST Proposal, 10182.

92. *The Local Environments of Supernovae in Archival HST Images*, Van Dyk, S. D., Filippenko, A. V., Li, W. 2003, HST Proposal, 9953 (AR).

93. *The Radio Supernova Remnants and H II Regions in NGC 6946*, Lacey, C., & van Dyk, S. 2001, NOAO Proposal, 163.

94. *Obscured Supernovae in Starburst Galaxies*, van Dyk, S., & van Buren, D. 2000, NOAO Proposal, 336.

95. *Finding Type II Supernova Progenitors through Stellar Ejecta Nebulae*, Chu, Y.-H., van Dyk, S. D., Montes, M. J., et al. 1999, NOAO Proposal, 391.

96. *The Local Environments of Supernovae*, Filippenko, A. V., Leonard, D. C., Li, W., Van Dyk, S. D. 2002, HST Proposal, 9529 (AR).

97. *Probing the Nature of Supernovae through Archival Images of their Environments*, Filippenko, A. V., Li, W., Van Dyk, S. D. 2000, HST Proposal, 8754 (AR).

98. *A Snapshot Survey of the Sites of Recent, Nearby Supernovae*, Filippenko, A. V., Hu, J., Li, W., et al. 2000, HST Proposal, 8602.

99. *Environments of Supernovae from the HST Archive*, Filippenko, A. V., Barth, A. J., Leonard, D. C., Van Dyk, S. D. 1996, HST Proposal, 8006 (AR).

100. *Interaction of Supernovae with Circumstellar Material*, Filippenko, A. V., Chevalier, R. A., Fesen, R. A.,et al. 1995, HST Proposal, 6584.

101. *Imaging of the Sites of Supernovae*, Filippenko, A. V., Barth, A. J., Leibundgut, B., et al. 1994, HST Proposal, 5793 (AR).

102. *Study of Ultraviolet Echoes Around SN 1993J*, Panagia, N., Kirshner, R. P., Long, K. S., et al. 1994, HST Proposal, 5602.

Funded Proposals

1. *Did SN 2017ein Arise From A Very Massive Star?*, Van Dyk, S. D., Andrews, J., Brink, T. G., et al. 2019, HST Proposal, 15853 ($31774).

2. *The Progenitor of Supernova 2016gkg*, Folatelli, G., Bersten, M. C., Filippenko, A. V., et al. 2017, HST Proposal, 15272 ($13685).

3. *Finally, the Progenitor of the Type Ib iPTF13bvn*, Van Dyk, S. D., Bersten, M. C., Fillippenko, A. V., et al. 2017, HST Proposal, 15152 ($25240).
4. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Bersten, M. C., Fillippenko, A. V., et al. 2017, HST Proposal, 15151 ($41326).
5. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Fox, O. D., et al. 2016, HST Proposal, 14645 ($20432).
6. *A Search for A Light Echo from Supernova 2013ej*, Van Dyk, S. D. 2015, HST Proposal, 14116 ($28095).
7. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Foley, R., et al. 2015, HST Proposal, 14115 ($26114).
8. *A Wolf-Rayet Progenitor for iPTF13bvn?*, Van Dyk, S. D. 2014, HST Proposal, 13684 ($18127).
9. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Foley, R., et al. 2014, HST Proposal, 13683 ($28683).
10. *LEGUS: Legacy ExtraGalactic UV Survey*, Calzetti, D., et al. 2013, HST Proposal, 13364 ($10559).
11. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Foley, R., et al. 2013, HST Proposal, 13341 ($26752).
12. *Detecting a Hot Companion to the Progenitor of the Type Ic Supernova 1994I in M51*, Van Dyk, S. D. 2013, HST Proposal, 13340 ($23310).
13. *Stellar Origins of Supernovae*, Van Dyk, S. D., Elias-Rosa, N., Filippenko, A. V., et al. 2012, HST Proposal, 12888 ($20376).
14. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Cuillandre, J.-C., Elias-Rosa, N., et al. 2009, HST Proposal, 11575 ($18547).
15. *The Unusual Supernova 1978K: A Supernova Remnant in Formation?*, Van Dyk, S. 2008, Spitzer Proposal, 50603 ($20830).
16. *The Stellar Origins of Supernovae*, Van Dyk, S. D., Cuillandre, J.-C., Filippenko, A. V., et al. 2007, HST Proposal, 11119 ($19961).
17. *The Local Environments of Supernovae*, Van Dyk, S. D., Filippenko, A. V., Li, W. 2005, HST Proposal, 10690 (AR, $85098.)
18. *Spitzer Studies of Supernova ejecta and dust*, Kotak, R., Andersen, A., Farrah, D., et al. 2007, Spitzer Proposal, 40619 ($18000).
19. *Galactic Evolved Massive Stars Survey (GEMSS)*, Van Dyk, S., & Morris, P. W. 2007, Spitzer Proposal, 40240 (AR, $87378).
20. *Infrared Study of Supernova Ejecta and Dust*, Meikle, W. P., Farrah, D., Fesen, R., et al. 2005, Spitzer Proposal, 20256 ($15579).
21. *The Dust Condensation Sequence at Low Metallicity: AGB Stars in NGC 6822*, van Dyk, S., Kemper, F., Meixner, M., et al. 2005, Spitzer Proposal, 20608 ($27600).
22. *Infrared Study of Supernova Ejecta and Dust*, Meikle, W. P., Farrah, D., Fesen, R., et al. 2004, Spitzer Proposal, 3248 ($10180).
23. *A GLIMPSE at Hidden Wolf-Rayet Stars in the Galaxy*, van Dyk, S., Marston, A., Morris, P., & Smith, J. D. 2005, Spitzer Proposal, 20574 (AR, $66315).
24. *Spitzer Observations of a Nearby Supernova (SONS): SN 2004dj in NGC 2403*, van Dyk, S., Kosma, C., Gerardy, C., et al. 2004, Spitzer Proposal, 226 ($36650).
25. *The Enigmatic Supernova 2001em: Off-Axis GRB Afterglow?*, van Dyk, S., Filippenko, A., Granot, J., et al. 2004, Spitzer Proposal, 3641 ($17500).