

Curriculum Vitae of You-Hua Chu

Address and Telephone Number:

Institute of Astronomy and Astrophysics, Academia Sinica
11F of Astronomy-Mathematics Building, AS/NTU
No.1, Sec. 4, Roosevelt Rd, Taipei 10617
Taiwan, R.O.C.
Tel: (886) 02 2366 5300
E-mail address: yhchu@asiaa.sinica.edu.tw

Academic Degrees, Granting Institutions, and Dates Granted:

B.S. Physics Dept., National Taiwan University 1975
Ph.D. Astronomy Dept., University of California at Berkeley 1981

Professional Employment History:

2014 Sep - present Director, Institute of Astronomy and Astrophysics, Academia Sinica
2014 Jul - present Distinguished Research Fellow,
Institute of Astronomy and Astrophysics, Academia Sinica
2014 Jul - present Professor Emerita, University of Illinois at Urbana-Champaign
2005 Aug - 2011 Jul Chair of Astronomy Dept., University of Illinois at Urbana-Champaign
1997 Aug - 2014 Jun Professor, University of Illinois at Urbana-Champaign
1992 Aug - 1997 Jul Research Associate Professor, University of Illinois at Urbana-Champaign
1987 Jan - 1992 Aug Research Assistant Professor, University of Illinois at Urbana-Champaign
1985 Feb - 1986 Dec Graduate College Scholar, University of Illinois at Urbana-Champaign
1984 Sep - 1985 Jan Lindheimer Fellow, Northwestern University
1982 May - 1984 Jun Postdoctoral Research Associate, University of Wisconsin at Madison
1981 Oct - 1982 May Postdoctoral Research Associate, University of Illinois at Urbana-Champaign
1981 Jun - 1981 Aug Postdoctoral Research Associate, University of California at Berkeley

Committees Served:

International UV Explorer, 13th Episode Proposal Review, Interstellar Panel, 1990
Hubble Space Telescope, Cycle 3 Proposal Review, ISM Panel, 1992
Astronomy Planning Committee for the Republic of China, 1992
ROSAT X-ray Satellite, AO4-6 Proposal Review, 1993-1995
ROSAT X-ray Satellite, Users Committee, 1993-1997
Cerro Tololo Inter-American Observatory, Telescope Allocation Committee, 1995-1998
NASA Long-Term Space Astrophysics Proposal Review, 1996
American Astronomical Society Warner/Pierce Award Committee, 1997-1999
Chandra Fellowship review, 1998, 2000
IAU Symposium No. 190, Scientific Organizing Committee, co-chair, 1998
Hubble Space Telescope, Cycle 8 Proposal Review, Stellar Ejecta Panel, 1998
Far Ultraviolet Spectroscopic Explorer, Observers Advisory Committee, 1999-2000
Chandra Users' Committee, 2001-2004
NSF, Committee of Visitors, 2002
AURA, University Representative, 2002-2012
AURA, Observatories Council, 2002-2008
Chandra X-ray Observatory, Cycle 4 proposal review, Galactic panel, 2002
Hubble Space Telescope, Cycle 12 Proposal Review, Galactic 1 Panel chair, 2003
American Astronomical Society Tinsley Award Committee, 2003-2005; chair, 2005
International Astronomical Union, Division VI, Organizing Committee, 2003-2009
International Astronomical Union, Division VI, vice president 2006-2009
International Astronomical Union, Division VI, president 2009-2012
AURA, Nomination Committee, 2004-2008; chair, 2005-2008
NSF, proposal review, ISM panel, 2004

Spitzer Space Telescope, Cycle 2 proposal review, ISM panel, 2005
ASIAA, Advisory Panel, 2005-2013
NASA XMM-Newton Users Group, 2006-2009
Chandra X-ray Observatory, Cycle 8 proposal review, Stars panel, member, 2006
Chandra X-ray Observatory, Cycle 9 proposal review, Stars panel, chair, 2007
Chandra X-ray Observatory, Cycle 11 proposal review, SNR panel, member, 2009
Gemini International Observatory, Board member, 2010-2012
Hubble Space Telescope, Users Committee, member, 2011-2014
Chandra X-ray Observatory, Cycle 15 proposal review, Stars panel, chair, 2013
NASA ADAP proposal review, 2013
NASA Einstein Fellowship review, 2014
NAOC TAP++ Key Project Review, 2014
East Asian Core Observatories Association, Board of Directors, 2014-pres
Astronomical Society of the Republic of China, President, 2014-2020
International Astronomical Union, Commission G2, Organizing Committee, 2015-2018
Hubble Space Telescope, Cycle 23 proposal Review, Panel Chair, TAC, 2015
Smithsonian Astrophysical Observatory, Visiting Committee, 2017
Atacama Large Millimeter/Submillimeter Array, Board member, 2018-2020
Chandra X-ray Observatory, Cycle 20 proposal review, Stars panel, chair, 2018

Professional and Academic Societies:

Member, American Astronomical Society
Member, International Astronomical Union
Member, Astronomical Society of Republic of China

Research Group:

Current Members:

University of Illinois:
Robert Gruendl (Research Associate Professor) 1999-

Academia Sinica Institute of Astronomy and Astrophysics
Chuan Jui Li (postdoctoral research associate) 2018-
Po-Sheng Ou (graduate student) 2015-
Chen-Hung Chen (graduate student) 2017-
Ding-Jun Lin (graduate student) 2017-

Previous Members:

Jana Bilikova (PhD thesis student) 2007-2012
Dominik Bomans (Humboldt Postdoctoral Fellow) 1995-1998
Wolfgang Brandner (postdoctoral research associate) 1997-1998
Adeline Caulet (visiting astronomer) 1998-1999, 2007-2010
Rosie C.-H. Chen (PhD thesis student, postdoc) 1998-2008
Bryan Dunne (PhD thesis student) 1999-2007
Austin Edmister (undergraduate student) 2012-2015
Jessica Evans (PhD thesis student) 2010- 2017
Martin Guerrero (research scientist) 1999-2003
Guillermo García-Segura (visiting graduate student) 1992-1995
Eva Grebel (postdoctoral research associate) 1996
Abigail Holmes (undergraduate student) 2013-2015
Sungeun Kim (postdoctoral research associate) 1998-2000
Hsu-Tai Lee (postdoctoral research associate) 2013-2014
Chuan-Jui Li (PhD thesis student) 2014-2018
Katrina Litke (undergraduate student) 2013-2015
Larry Maddox (postdoctoral research associate) 2007-2010

Gene Magnier (postdoctoral research associate) 1996
Arturo Manchado (visiting astronomer from IAC, Spain) 1991-1993
Yael Naze (visiting graduate student) 2001
Sean Points (PhD thesis student) 1994-2001
Wei Sun (visiting graduate student) 2012-2013
Rebecca Tippens (undergraduate student) 2013-2014
Jesus Toala (postdoctoral research associate) 2016-2017
Kaushar Vaidya (postdoctoral research associate) 2009
Bart Wakker (postdoctoral research associate) 1993-1994
Kerstin Weis (visiting graduate student) 1995-1998
Rosa Murphy Williams (PhD thesis student) 1993-1999, (research scientist) 2003-2007
Hui Yang (postdoctoral research associate) 1995
Ningxiao Zhang (visiting graduate student) 2012

Courses Taught:

1996 Spring – Astronomy 100: Perspectives in Astronomy
1997 Fall - Astronomy 100: Perspectives in Astronomy
1998 Spring - Astronomy 100: Perspectives in Astronomy
1998 Fall - Astronomy 100: Perspectives in Astronomy
1999 Spring - Astronomy 405: Diffuse Matter Astrophysics
1999 Fall - Astronomy 100: Perspectives in Astronomy
2000 Spring - Astronomy 305: Astrophysics, II. (Solar System; ISM)
2000 Fall - Astronomy 100: Perspectives in Astronomy
2001 Spring - Astronomy 305: Astrophysics, II. (Solar System; ISM)
2001 Fall - Astronomy 100: Perspectives in Astronomy
2002 Spring - Astronomy 306: Astrophysics, III. (Galaxies and the Universe)
2002 Fall - Astronomy 496: X-ray Astronomy
2003 Spring - Astronomy 305: Astrophysics, II. (Solar System; ISM)
2004 Fall - Astronomy 404: Stellar Astrophysics
2005 Spring - Astronomy 405: Solar System and the ISM
2005 Fall - Astronomy 596: Infrared Astronomy
2005 Fall - Astronomy 199-DS: Undergraduate Open Seminar
2005 Fall - Astronomy 199-RI: Undergraduate Open Seminar
2006 Spring - Astronomy 199-DS: Undergraduate Open Seminar
2006 Spring - Astronomy 496-RI: Seminar in Astronomy
2006 Fall - Astronomy 199-DS: Undergraduate Open Seminar
2006 Fall - Astronomy 199-RI: Undergraduate Open Seminar
2007 Spring - Astronomy 199-DS: Undergraduate Open Seminar
2007 Spring - Astronomy 496-RI: Seminar in Astronomy
2007 Fall - Astronomy 199-RI: Undergraduate Open Seminar
2008 Spring - Astronomy 199-DS: Undergraduate Open Seminar
2008 Spring - Astronomy 496-RI: Seminar in Astronomy
2008 Fall - Astronomy 404: Stellar Astrophysics
2008 Fall - Astronomy 401: Scientific Writing for Astronomy
2009 Spring - Astronomy 496-RI: Seminar in Astronomy
2009 Spring - Astronomy 390: Individual Study
2010 Spring - Astronomy 405: Solar System and the ISM
2010 Spring - Astronomy 401: Scientific Writing for Astronomy
2011 Spring - Astronomy 496-RI: Seminar in Astronomy
2011 Fall - Astronomy 596-ISM: Interstellar Medium
2013 Spring - Astronomy 405: Solar System and the ISM
2013 Spring - Astronomy 401: Scientific Writing for Astronomy
2013 Fall - Astronomy 404: Stellar Astrophysics
2013 Fall - Astronomy 401: Scientific Writing for Astronomy
2014 Spring - Astronomy 596: Method of Astronomy Research
2015 Fall - Astrophysics 7012: Stellar Astrophysics (National Taiwan University)

PUBLICATIONS OF YOU-HUA CHU

A. Articles in Journals

1. Heiles, C., and Chu, Y.-H. 1980, "The Magnetic Field Strength in the H II Region S232," *ApJ*, 235, L105-L109.
2. Chu, Y.-H., and Lasker, B.M. 1980, "Ring Nebulae Associated with Wolf-Rayet Stars in the Large Magellanic Cloud," *PASP*, 92, 730-735. [Erratum: 1981, *PASP*, 93, 163]
3. Heiles, C., Chu, Y.-H., Reynolds, R.J., Yegingil, I., and Troland, T.H. 1980, "A New Look at the North Polar Spur," *ApJ*, 242, 533-540.
4. Chu, Y.-H. 1981, "Galactic Ring Nebulae Associated with Wolf-Rayet Stars. I. Introduction and Classification," *ApJ*, 249, 195-200.
5. Chu, Y.-H., and Treffers, R.R. 1981, "Galactic Ring Nebulae Associated with Wolf-Rayet Stars. III. H II Region-Type Nebulae," *ApJ*, 250, 615-620.
6. Heiles, C., Chu, Y.-H., and Troland, T.H. 1981, "Magnetic Field Strengths in the H II Regions S117, S119, and S264," *ApJ*, 247, L77-L80.
7. Chu, Y.-H., and Treffers, R.R. 1981, "Galactic Ring Nebulae Associated with Wolf-Rayet Stars. II. M1-67: A Nebula Braked by the Interstellar Medium," *ApJ*, 249, 586-591.
8. Treffers, R.R., and Chu, Y.-H. 1982, "Galactic Ring Nebulae Associated with Wolf-Rayet Stars. VII. The Nebula G2.4+1.4," *ApJ*, 254, 132-135.
9. Chu, Y.-H., Gull, T.R., Treffers, R.R., Kwitter, K.B., and Troland, T.H. 1982, "Galactic Ring Nebulae Associated with Wolf-Rayet Stars. IV. The Ring Nebula S308 and its Interstellar Environment," *ApJ*, 254, 562-568.
10. Treffers, R.R., and Chu, Y.-H. 1982, "Galactic Ring Nebulae Associated with Wolf-Rayet Stars. V. The Stellar Wind Blown Bubbles," *ApJ*, 254, 569-577.
11. Chu, Y.-H. 1982, "Galactic Ring Nebulae Associated with Wolf-Rayet Stars. VI. NGC 3199, anon (MR 26), RCW 58, and RCW 104," *ApJ*, 254, 578-586.
12. Chu, Y.-H. 1982, "Ring Nebulae Associated with Wolf-Rayet Stars in the Large Magellanic Cloud. II. Kinematics of DEM 45, 137, 165, 174, and 208," *ApJ*, 255, 79-86.
13. Chu, Y.-H., and Watson, W.D. 1983, "Further Analysis of the Possible Effects of Isotope-Selective Photodissociation on Interstellar Carbon Monoxide," *ApJ*, 267, 151-155.
14. Chu, Y.-H. 1983, "Ring Nebulae Associated with Wolf-Rayet Stars in the Large Magellanic Cloud. III. Kinematics of DEM 39, 231, 240, and 315," *ApJ*, 269, 202-211.
15. Chu, Y.-H. 1983, "The Parabolic-Shaped Nebula around LSS 3027," *PASP*, 95, 873-875.
16. Chu, Y.-H., Treffers, R.R., and Kwitter, K.B. 1983, "Galactic Ring Nebulae Associated with Wolf-Rayet Stars. VIII. Summary and Atlas," *ApJS*, 53, 937-944.
17. Chu, Y.-H., and Daod, N.A. 1984, "Optical Spectra of R136," *PASP*, 96, 999-1006.
18. Chu, Y.-H., Cassinelli, J.P., and Wolfire, M.G. 1984, "Properties of R136a as Derived from its Optical Light Distribution," *ApJ*, 283, 560-565.
19. Chu, Y.-H., Kwitter, K.B., Kaler, J.B., and Jacoby, G.H. 1984, "The Relation between Radius and Expansion Velocity in Planetary Nebulae," *PASP*, 96, 598-602.
20. Crutcher, R.M., and Chu, Y.-H. 1985, "The Optical Interstellar-Line Spectrum of HD 147889," *ApJ*, 290, 251-255.

21. Mathis, J.S., Chu, Y.-H., and Peterson, D. 1985, "Spectrophotometry and Chemical Composition of the 30 Doradus Nebula," *ApJ*, 292, 155-163.
22. Chu, Y.-H., and Kennicutt, R.C., Jr. 1986, "Kinematic Detection of Supernova Remnants in Giant H II Regions," *ApJ*, 311, 85-97.
23. Moffat, A.F.J., Niemela, V.S., Phillips, M.M., Chu, Y.-H., and Seggewiss, W. 1987, "The Wolf-Rayet Population in 30 Doradus and its Surroundings," *ApJ*, 312, 612-625.
24. Walborn, N.R., Lasker, B.M., Laidler, V.G., and Chu, Y.-H. 1987, "The Composite Image of Sanduleak -69 202, Candidate Precursor to Supernova 1987A in the Large Magellanic Cloud," *ApJ*, 321, L41-L44.
25. Chu, Y.-H., Jacoby, G.H., and Arendt, R. 1987, "Multiple-Shell Planetary Nebulae. I. Morphologies and Frequency of Occurrence," *ApJS*, 64, 529-544.
26. Chu, Y.-H., and Kennicutt, R.C., Jr. 1988, "Echelle Observations of Supernova Remnants in the Magellanic Clouds," *AJ*, 95, 1111-1121.
27. Kennicutt, R.C., Jr., and Chu, Y.-H. 1988, "Giant H II Regions and the Formation of Populous Star Clusters," *AJ*, 95, 720-730.
28. Chu, Y.-H. 1988, "Small-Scale Kinematic Structures in Ring Nebulae around Wolf-Rayet Stars," *PASP*, 100, 986-992.
29. Kaler, J.B., Chu, Y.-H., and Jacoby, G.H. 1988, "The Highly Enriched Planetary Nebula BV-1," *AJ*, 96, 1407-1414.
30. Chu, Y.-H., and Kennicutt, R.C., Jr. 1988, "Environments and Populations of Supernova Remnants in the Large Magellanic Cloud," *AJ*, 96, 1874-1883.
31. O'Dell, C.R., Weiner, L.D., and Chu, Y.-H. 1990, "A Kinematic Determination of the Structure of the Double Ring Planetary Nebula NGC 2392, The Eskimo," *ApJ*, 362, 226-234.
32. Chu, Y.-H., and Mac Low, M.-M. 1990, "X-Rays from Superbubbles in the Large Magellanic Cloud," *ApJ*, 365, 510-521.
33. Garnett, D.R., Kennicutt, R.C., Jr., Chu, Y.-H., and Skillman, E.D. 1991, "He II Emission in Extragalactic H II Regions," *ApJ*, 373, 458-464.
34. Garnett, D.R., Kennicutt, R.C., Jr., Chu, Y.-H., and Skillman, E.D. 1991, "H II Regions with He II Emission," *PASP*, 103, 850-852.
35. Chu, Y.-H., Manchado, A., Jacoby, G.H., and Kwitter, K. 1991, "The Multiple-Shell Structure of the Planetary Nebulae NGC 6751," *ApJ*, 376, 150-160.
36. Chu, Y.-H., Kennicutt, R.C. Jr., Schommer, R.A., and Laff, J. 1992, "30 Dor B: A Supernova Remnant in a Star Formation Region," *AJ*, 103, 1545-1551.
37. Miller, G.J. and Chu, Y.-H. 1993, "A New Survey of Nebulae around Galactic Wolf-Rayet Stars in the Northern Sky," *ApJS*, 85, 137-143.
38. Chu, Y.-H., Kwitter, K.B., and Kaler, J.B. 1993, "Diffuse X-ray Emission from the Dumbbell Nebula?" *AJ*, 106, 650-655.
39. Chu, Y.-H., Mac Low, M.-M., Garcia-Segura, G., Wakker, B., and Kennicutt, R.C. 1993, "Hidden Supernova Remnants in the LMC HII Complex N44," *ApJ*, 414, 213-218.
40. Garnett, D.R., Chu, Y.-H., and Dopita, M.A. 1993, "A New Wolf-Rayet Ejecta Shell in the LMC," *Revista Mexicana de Astronomía y Astrofísica*, 27, 141-144.

41. Chu, Y.-H. and Kennicutt, R.C. 1994, "Kinematic Structure of the 30 Doradus Giant HII Region," *ApJ*, 425, 720-737.
42. Dickel, J.R., Milne, D.K., Kennicutt, R.C., Chu, Y.-H., and Schommer, R.A. 1994, "The Structure and Extinction of 30 Doradus and the Nearby SNR N157B as Measured by Comparison of Radio and Optical Images", *AJ*, 107, 1067-1072.
43. Garnett, D. R. and Chu, Y.-H. 1994, "A New Ejecta Shell Surrounding a Wolf-Rayet Star in the LMC," *PASP*, 106, 626-631.
44. Marston, A.P., Chu, Y.-H., and Garcia-Segura, G. 1994, "A Survey of Nebulae around Galactic Wolf-Rayet Stars in the Southern Sky," *ApJS*, 93, 229-232.
45. Dopita, M. A., Bell, J. F., Chu, Y.-H., and Lozinskaya, T. A. 1994, "An Atlas of the Interstellar Environment of Wolf-Rayet Stars in the Magellanic Clouds," *ApJS*, 93, 455-463.
46. Chu, Y.-H. and Kennicutt, R. C. 1994, "Internal Motions of HII Regions and Giant HII Regions," *Astrophys. and Space Science*, 216, 253-262.
47. Marston, A.P., Yocum, D.R., Garcia-Segura, G., and Chu, Y.-H. 1994, "A Survey of Nebulae around Galactic Wolf-Rayet Stars in the Southern Sky - II," *ApJS*, 95, 151-155.
48. Smith, R.C., Chu, Y.-H., Mac Low, M.-M., Oey, M.S., and Klein, U. 1994, "Two New Supernova Remnants in OB Associations in the Large Magellanic Cloud," *AJ*, 108, 1266-1275.
49. Chu, Y.-H., Wakker, B., Mac Low, M.-M., and Garcia-Segura, G. 1994, "Ultraviolet Interstellar Absorption Lines in the LMC: Searching for Hidden SNRs," *AJ*, 108, 1696-1721.
50. Williams, R.M. and Chu, Y.-H. 1995, "X-Ray Emission from Giant HII Regions in M101," *ApJ*, 439, 132-144.
51. Chu, Y.-H., Dickel, J.R., Staveley-Smith, L., Osterberg, J., and Smith, R.C. 1995, "The Honeycomb Supernova Remnant," *AJ*, 109, 1729-1734.
52. Dickel, J.R., Chu, Y.-H., Gelino, C., Beyer, R., Burton, M.G., Milne, D.K., Spyromilio, J., Green, D.A., Wilkinson, C., and Junkes, N. 1995, "Negative Search for a Counterpart to the Gamma-Ray Repeater Source 0525-66," *ApJ*, 448, 623-627.
53. Chu, Y.-H. and Ho, C.-H. 1995, "Diffuse X-ray Emission from the Hydrogen-Deficient Planetary Nebula Abell 30," *ApJ Letters*, 448, L127-130.
54. Chu, Y.-H., Chang, H.-W., Su, Y.-L., and Mac Low, M.-M. 1995, "X-Rays from Superbubbles in the Large Magellanic Cloud. III. X-ray Dim Superbubbles," *ApJ*, 450, 157-162.
55. Hutchings, J.B., Crampton, D., Cowley, A.P., Schmidtke, P.C., McGrath, T.K., & Chu, Y.-H. 1995, "An X-Ray Selected White Dwarf + M Dwarf Binary: RX J0458.9-6628," *PASP*, 107, 931-936.
56. Magnier, E.A., Walters, L.B.F.M., Kuan, Y.-J., Chu, Y.-H., Taylor, A.R., Matthews, H.E., and Martin, E.L. 1996, "A Bipolar-Outflow Object in the Field of M36," *A&A*, 305, 936-943.
57. Yang, H., Chu, Y.-H., Skillman, E.D., and Terlevich, R. 1996, "The Violent Interstellar Medium of NGC 604," *AJ*, 112, 146-163.

58. Magnier, E.A., Chu, Y.-H., Points, S.D., Hwang, U., and Smith, R.C. 1996, "X-Rays from Superbubbles in the Large Magellanic Cloud. IV. The Blowout Structure of N44," *ApJ*, 464, 829-835.
59. Boroson, B., McCray, R., Oelfke, C., Slavin, J., Mac Low, M.-M., Chu, Y.-H., and Van Buren, D. 1997, "Absorption Lines in a Wolf-Rayet Ring Nebula Observed at High S/N with the GHRs," *ApJ*, 478, 638-647.
60. Brandner, W., Grebel, E.K., Chu, Y.-H., and Weis, K. 1997, "Ring Nebula and Bipolar Outflows Associated with the B1.5 Supergiant Sher #25 in NGC 3603," *ApJ*, 475, L45-48.
61. Williams, R.M., Chu, Y.-H., Dickel, J.R., Beyer, R., Petre, R., Smith, R.C., Milne, D.K. 1997, "Supernova Remnants in the Magellanic Clouds I: The Colliding Remnants DEM L 316," *ApJ*, 480, 618-632.
62. Weis, K., Duschl, W.J., Bomans, D.J., Chu, Y.-H., and Joner, M.D. 1997, "The Bipolar Structure of the LBV Nebula around HR Car," *A&A*, 320, 568-574.
63. Bomans, D.J., Chu, Y.-H., and Hopp, U. 1997, "Hot Interstellar Gas in the Irregular Galaxy NGC 4449," *AJ*, 113, 1678-1690.
64. Chu, Y.-H., Kennicutt, R.C., Snowden, S.L., Smith, R.C., Williams, R.M., and Bomans, D.J. 1997, "Uncovering a Supernova Remnant Hidden Near LMC X-1," *PASP*, 109, 554-558.
65. Chu, Y.-H. 1997, "Supernova Remnants in OB Associations," *AJ*, 113, 1815-1832.
66. Chu, Y.-H., Chang, T.H., and Conway, G.M. 1997, "High-Resolution X-ray Image of the Hydrogen-Deficient Planetary Nebula Abell 30," *ApJ*, 482, 891-896.
67. Guerrero, M.A., Manchado, A., and Chu, Y.-H. 1997, "A Study of the Chemical Abundances and Kinematics of the Ring Nebula and Its Haloes," *ApJ*, 487, 328-345.
68. Weis, K., Chu, Y.-H., Duschl, W.J., and Bomans, D.J. 1997, "Two Ring Nebulae around Blue Supergiants in the Large Magellanic Cloud," *A&A*, 325, 1157-1162.
69. Brandner, W., Chu, Y.-H., Eisenhauer, F., Grebel, E.K, and Points, S.D. 1997, "The Hourglass Nebulae of Sher 25 and SN 1987 A: Two of a Kind?" *ApJ*, 489, L153-L156.
70. Chu, Y.-H., Snowden, S.L. 1998, "ROSAT HRI Survey of the Large Magellanic Cloud," *AN*, 319, 101-104.
71. Mac Low, M.-M., Chang, T.H., Chu, Y.-H., Points, S.D., Smith, R.C., and Wakker, B. 1998, "X-rays from Superbubbles in the Large Magellanic Cloud. V. The HII Complex N11," *ApJ*, 493, 260-273.
72. Chu, Y.-H. 1998, "Multi-Wavelength View of the Interstellar Medium in the Large Magellanic Cloud," *PASA*, 15, 136-140.
73. Wakker, B., Howk, J.C., Chu, Y.-H., Bomans, D., Points, S.D. 1998, "Coronal C⁺³ in the Large Magellanic Cloud: Evidence for a Hot Halo," *ApJL*, 499, L87-L91.
74. Kim, S., Chu, Y.-H., Staveley-Smith, L., Smith, R.C. 1998, "The Multi-Phase Medium in the Interstellar Complex N44," *ApJ*, 503, 729-743.
75. Chu, Y.-H., Gruendl, R.A., and Conway, G.M. 1998, "ROSAT X-ray Observations of Two Planetary Nebulae: NGC 1535 and NGC 3587," *AJ*, 116, 1882-1885.
76. Chu, Y.-H., Caulet, A., Montes, M. J., Panagia, N., Van Dyk, S. D., Weiler, K. W. 1999, "Detection of Pre-Shock Dense Circumstellar Material of SN 1978K," *ApJ*, L51-L54.

77. Garnett, D. R., Walsh, J. R., Chu, Y.-H., Lasker, B. M. 1999, "Bok Globules in the LMC," *AJ*, 117, 1285-1291.
78. Chu, Y.-H., Weis, K., Garnett, D. R. 1999, "Physical Structure of Small Wolf-Rayet Ring Nebulae," *AJ*, 117, 1433-1440.
79. Williams, R.M., Chu, Y.-H., Dickel, J.R., Smith, R.C., Milne, D.K., Winkler, P.F. 1999, "Supernova Remnants in the Magellanic Clouds II: SNR Breakouts from N11L and N86," *ApJ*, 514, 798-817.
80. Williams, R. M., Chu, Y.-H., Dickel, J. R., Petre, R., Smith, R. C., Tavarez, M. 1999, "Supernova Remnants in the Magellanic Clouds III: An X-ray Atlas of LMC Supernova Remnants," *ApJS*, 123, 467-485.
81. Points, S.D., Chu, Y.-H., Kim, S., Smith, R.C., Snowden, S.L., Brandner, W., Gruendl, R.A. 1999, "The Supergiant Shell LMC2: I. Kinematics and Physical Conditions," *ApJ*, 518, 298-323.
82. Weis, K., Duschl, W.J., Chu, Y.-H. 1999, "The Nature of Strings in the Nebula around Eta Carinae," 1999, *A&A*, 349, 467-474.
83. Chu, Y.-H. 1999, "Morphology and Physical Structure of the Interstellar Medium," *Ap&SS*, 269, 441-458.
84. Brandner, W., Grebel, E.K., Chu, Y.-H., Dottori, H., Brandl, B., Richling, S., Yorke, H.W., Points, S.D., Zinnecker, H. 2000, "HST/WFPC2 and VLT/ISSAC Observations of Proplyds in the Giant HII Region NGC3603," *AJ*, 119, 292-301.
85. Grebel, E.K., Chu, Y.-H. 2000, "Hubble Space Telescope Photometry of Hodge 301: An "old" Star Cluster in 30 Doradus," *AJ*, 119, 787-799.
86. Dunne, B.C., Gruendl, R.A., Chu, Y.-H. 2000, "What Produced the Ultraluminous Supernova Remnant in NGC6946?" *AJ*, 119, 1172-1179.
87. Chen, C.-H., R., Chu, Y.-H., Gruendl, R.A., Points, S.D. 2000, "HST WFPC2 Imaging of Shocks in Superbubbles," *AJ*, 119, 1317-1324.
88. Chu, Y.-H., Kim, S., Points, S.D., Petre, R., Snowden, S.L. 2000, "RXJ050736-6847.8: A Large Supernova Remnant around an X-ray Binary in the Large Magellanic Cloud," *AJ*, 119, 2242-2247.
89. Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2000, "ROSAT Observations of X-ray Emission from Planetary Nebulae," *ApJS*, 129, 295-313.
90. Williams, R.M., Petre, R., Chu, Y.-H., Chen, C.-H.R. 2000, "Resolving SNR 0540-6944 from LMC X-1 with Chandra," *ApJ*, 536, L27-L30.
91. Gruendl, R.A., Chu, Y.-H., Dunne, B.C., Points, S.D. 2000, "A Morphological Diagnostic for Dynamical Evolution of Wolf-Rayet Bubbles," *AJ*, 120, 2670-2678.
92. Garnett, D.R., Galarza, V.C., Chu, Y.-H. 2000, "The He II Emitting Nebula N44C in the LMC: Optical/UV Spectroscopy of the Nebula and Its Ionizing Star," *ApJ*, 545, 251-265.
93. Points, S.D., Chu, Y.-H., Snowden, S.L., Staveley-Smith, L. 2000, "The Supergiant Shell LMC2: II. Physical Properties of the 10^6 K Gas," *ApJ*, 545, 827-841.
94. Chu, Y.-H., Dunne, B.C., Gruendl, R.A., Brandner, W. 2001, "A Search for Jovian Planets around Hot White Dwarfs," *ApJ*, 546, L61-L64.

95. Lai, S.-H., Chu, Y.-H., Chen, C.-H. R., Ciardullo, R., Grebel, E.K. 2001, "A Critical Examination of Hypernova Remnant Candidates in M101: I. MF83," *ApJ*, 547, 754-764.
96. Danforth, C.W., Chu, Y.-H. 2001, "The ISM Interactions of a Runaway LBV Nebula in the LMC," *ApJ*, 552, L155-L158.
97. Guerrero, M.A., Chu, Y.-H., Gruendl, R.A., Williams, R.M., Kaler, J.B. 2001, "The Enigmatic X-ray Point Sources at the Central Stars of NGC6543 and NGC7293," *ApJ*, 553, L55-L58. [Erratum: *ApJ*, 554, L235]
98. Chu, Y.-H., Guerrero, M.A., Gruendl, R.A., Williams, R.M., Kaler, J.B. 2001, "Chandra Reveals the X-ray Glint in the Cat's Eye," *ApJ*, 553, L69-L72.
99. Stockdale, C.J., Rupen, M.P., Cowan, J.J., Chu, Y.-H., Jones, S.S. 2001, "The Fading Radio Emission from SN 1961V: Evidence for a Type II Peculiar Supernova?" *AJ*, 122, 283-287.
100. Gruendl, R.A., Chu, Y.-H., O'Dwyer, I.J., Guerrero, M.A. 2001, "Variable H α Line Emission from the Central Star of the Helix Nebula," *AJ*, 122, 308-312.
101. Nazé, Y., Chu, Y.-H., Points, S.D., Danforth, C.W., Rosado, M., Chen, C.-H.R. 2001, "Interstellar Bubbles in Two Young HII Regions," *AJ*, 122, 921-937.
102. Points, S.D., Chu, Y.-H., Snowden, S.L., Smith, R.C. 2001, "Large-Scale Diffuse X-ray Emission from the Large Magellanic Cloud," 2001, *ApJS*, 136, 99-118.
103. Dunne, B.C., Points, S.D., Chu, Y.-H. 2001, "X-ray Emission from Superbubbles in the LMC: VI. A Sample of 13 Superbubbles," *ApJS*, 136, 119-135.
104. Wang, Q.D., Gotthelf, E.C., Chu, Y.-H., Dickel, J.R. 2001, "Detection of an X-ray Pulsar Wind Nebula and Tail in SNR N157B," *ApJ*, 559, 275-281.
105. Jaxon, E.G., Guerrero, M.A., Howk, J.C., Walborn, N.R., Chu, Y.-H., Wakker, B.P. 2001, "Spectroscopic Classification of 42 LMC OB Stars: Selection of Probes for the Hot Gaseous Halo of the LMC," *PASP*, 113, 1130-1139.
106. Rho, J., Corcoran, M.F., Chu, Y.-H., Reach, W.T. 2001, "X-Rays and Protostars in the Trifid Nebula," *ApJ*, 562, 446-455.
107. Guerrero, M.A., Miranda, L.F., Chu, Y.-H., Rodríguez, M., Williams, R.M. 2001, "The Constant-Velocity Highly Collimated Outflows of the Planetary Nebula He 2-90," *ApJ*, 563, 883-888.
108. Gruendl, R.A., Chu, Y.-H., Van Dyk, S.D., Stockdale, C.J. 2002, "Narrow Lines in Type II Supernovae: Probing the Circumstellar Nebulae of the Progenitors," *AJ*, 123, 2847-2856.
109. Chen, C.-H.R., Chu, Y.-H., Gruendl, R., Lai, S.-P., Wang, Q.D. 2002, "A Critical Examination of Hypernova Remnant Candidates in M101. II. NGC 5471B," *AJ*, 123, 2462-2472.
110. Li, J.Z., Wu, C.H., Chen, W.P., Rector, T., Chu, Y.-H., Ip, W.H. 2002, "Strong Emission-Line Stars Identified toward the Rosette Nebula," *AJ*, 123, 2590-2596
111. Guerrero, M.A., Gruendl, R.A., Chu, Y.-H. 2002, "Diffuse X-ray Emission from the Planetary Nebula NGC 7009," *A&A*, 387, L1-L5.
112. Nazé, Y., Hartwell, J.M., Stevens, I.R., Corcoran, M.F., Chu, Y.-H., Koenigsberger, G., Moffat, A.F.J., Niemela, V.S. 2002, "An X-Ray Investigation of the NGC 346 Field in the Small Magellanic Cloud I. The Luminous Blue Variable HD 5980 and the NGC 346 Cluster," *ApJ*, 580, 225-234.

113. Nazé, Y., Chu, Y.-H., Guerrero, Oey, M.S., Gruendl, R.A., Smith, R.C. 2002, “Structure and Dynamics of Candidate O Star Bubbles in N44,” *AJ*, 124, 3325-3335.
114. Danforth, C., Sankrit, R., Blair, W.P., Howk, C., Chu, Y.-H. 2003, “Far UV and H α Spectroscopy of SNR 0057–7226 in the SMC HII Region N66,” *ApJ*, 586, 1179-1190.
115. Chu, Y.-H., C.-H.R. Chen, Danforth, C., Dunne, B.C., Gruendl, R.A., Nazé, Y., Oey, M.S., Points, S.D. 2003, “The Wind of the B[e] Supergiant Hen S22 Viewed through a Reflection Nebula in DEM L 106,” *AJ*, 125, 2098-2107.
116. O’Dwyer, I.J., Chu, Y.-H., Gruendl, R.A., Guerrero, M.A., Webbink, R.F. 2003, “Hard X-ray Emission Associated with White Dwarfs,” *AJ*, 125, 2239-2254.
117. Nazé, Y., Rauw, G., Manfroid, J., Chu, Y.-H., Vreux, J.-M. 2003, “VLT Observations of the Highly Ionized Nebula around Br2,” *A&A*, 401, L13-16.
118. Dunne, B.C., Chu, Y.-H., Chen, C.-H.R., Lowry, J.D., Townsley, L., Gruendl, R.A., Guerrero, M.A., Rosado, M. 2003, “Diffuse X-ray Emission from the Quiescent Superbubble M17, the Omega Nebula,” *ApJ*, 590, 306-313.
119. Guerrero, M.A., Chu, Y.-H., Manchado, A., Kwitter, K.B. 2003, “Physical Structure of Planetary Nebulae. I. The Owl Nebula,” *AJ*, 125, 3213-3221.
120. Townsley, L.K., Feigelson, E.D., Mntmerle, T., Broos, P.S., Chu, Y.-H., Garmire, G.P. 2003, “Ten Million Degree Gas in M17 and the Rosette Nebula: X-ray Flows in Galactic HII Regions,” *ApJ*, 593, 874-905.
121. Nazé, Y., Rauw, G., Manfroid, J., Chu, Y.-H., Vreux, J.-M. 2003, “WR Bubbles and HeII Emission,” *A&A*, 408, 171-186.
122. Chu, Y.-H., Guerrero, M.A., Gruendl, R.A., García-Segura, G., Wendker, H.J. 2003, “Hot Gas in the Circumstellar Bubble S308,” *ApJ*, 599, 1189-1195.
123. Lowry, J.D., Chu, Y.-H., Guerrero, M.A., Gruendl, R.A., Snowden, S.L., Smith, R.C. 2004, “An Intriguing X-ray Arc Surrounding the X-ray Source RX J053335-6854.9 toward the Large Magellanic Cloud,” *AJ*, 127, 125-130.
124. Chu, Y.-H., Guerrero, M.A., Gruendl, R.A., Webbink, R.F. 2004, “Hard X-ray Emission Associated with White Dwarfs II,” *AJ*, 127, 477-480.
125. Metz, J.M., Cooper, R.L., Guerrero, M.A., Chu, Y.-H., Chen, C.-H.R., Gruendl, R.A. 2004, “Hot Interstellar Gas and Stellar Energy Feedback in the Antennae Galaxies,” *ApJ*, 605, 725-741.
126. Cooper, R.L., Guerrero, M.A., Chu, Y.-H., Chen, C.-H.R., Dunne, B.D. 2004, “Energy Crisis in the Superbubble DEML 192 (N51D),” *ApJ*, 605, 751-758.
127. Naze, Y., Antokhin, I.I., Rauw, G., Chu, Y.-H., Gosset, E., Vreux, J.-M. 2004 “XMM-Newton observations of the giant HII region N11 in the LMC,” *A&A*, 418, 841-855.
128. Guerrero, M.A., Chu, Y.-H., Miranda, L.F. 2004, “Menzel 3: a Multipolar Nebula in the Making,” *AJ*, 128, 1694-1704.
129. Guerrero, M.A., Jaxon, E.G., Chu, Y.-H. 2004, “Physical Structure of Planetary Nebulae. II. NGC 7662,” *AJ*, 128, 1705-1710.
130. Goldman, D.B., Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2004, “Physical Structure of Planetary Nebulae. III. The Large and Evolved NGC 1360,” *AJ*, 128, 1711-1715.

131. Chu, Y.-H., Gruendl, R.A., Stockdale, C.J., Rupen, M.P., Cowan, J.J., Teare, S.W. 2004, "The Nature of SN 1961V," *AJ*, 127, 2850-2855.
132. Williams, R.M., Chu, Y.-H., Dickel, J.R., Gruendl, R.A., Shelton, R., Points, S.D., Smith, R.C. 2004, "Supernova Remnants in the Magellanic Clouds IV: X-ray Emission from the Largest Supernova Remnant in the LMC," *ApJ*, 613, 948-955.
133. Chu, Y.-H., Gruendl, R.A., Williams, R.M., Gull, T.R., Werner, K. 2004, "The Nebular Environment and Enigmatic Hard X-Ray Emission of the Hot DO White Dwarf KPD 0005+5106," *AJ*, 128, 2357-2363.
134. Chu, Y.-H., Gruendl, R.A., Chen, C.-H.R., Lazendic, J.S., Dickel, J.R. 2004 "An Optical and X-ray Examination of Two Supernova Remnant Candidates in 30 Doradus," *ApJ*, 615, 727-731.
135. Gruendl, R.A., Chu, Y.-H., Guerrero, M.A. 2004, "FUSE Observations of Nebular O VI Emission from NGC 6543," *ApJ*, 617, L127-L130.
136. Chen, C.-H.R., Chu, Y.-H., Johnson, K.E. 2005, "Clusters in the Luminous Giant HII Regions in M101," *ApJ*, 619, 779-799.
137. Kuntz, K.D., Gruendl, R.A., Chu, Y.-H., Chen, C.-H.R., Still, M., Mukai, K., Mushotzky, R.F. 2005, "The Optical Counterpart of M101 ULX-1," *ApJ*, 620, L31-L34.
138. Guerrero, M.A., Chu, Y.-H., Gruendl, R.A., Meixner, M. 2005, "XMM-Newton Detection of Hot Gas in the Eskimo Nebula: Shocked Stellar Wind or Collimated Outflows?" *A&A*, 430, L69-L72.
139. Williams, R.M., Chu, Y.-H., Dickel, J.R., Gruendl, R.A., Seward, F.D., Guerrero, M.A., Hobbs, G. 2005, "Supernova Remnants in the Magellanic Clouds. V. The Complex Interior Structure of the N206 SNR," *ApJ*, 628, 704-720.
140. Wrigge, M., Chu, Y.-H., Magnier, E.A., Wendker, H.J. 2005, "X-ray Emission from Wind Blown Bubbles. III. ASCA SIS Observations of NGC 6888," *ApJ*, 633, 248-256.
141. Chu, Y.-H., Gruendl, R.A., Chen, C.-H. R., Whitney, B.A., Gordon, K.D., Looney, L.W., Clayton, G.C., Dickel, J.R., Dunne, B.C. Points, S.D., Smith, R.C., Williams, R.M. 2005, "Protostars, Dust Globules, and a Herbig-Haro Object in the LMC Superbubble N 51D," *ApJ*, 634, L189-192.
142. Williams, R.M., Chu, Y.-H. 2005, "Supernova Remnants in the Magellanic Clouds. VI. DEM L 316," *ApJ*, 635, 1077-1086.
143. Townsley, L.K., Broos, P.S., Feigelson, E.D., Brandl, B.R., Chu, Y.-H., Garmire, G.P., Pavlov, G.G. 2006, "Chandra ACIS Study of 30 Doradus. I. Superbubbles and Supernova Remnants," *AJ*, 131, 2140-2163.
144. Seward, F.D., Williams, R.M., Chu, Y.-H., Dickel, J.R., Smith, R.C., Points, S.D. 2006, "Chandra Observation of the Magellanic Cloud Supernova Remnant 0454-672 in N9," *ApJ*, 640, 327-334.
145. Ramsey, C.J., Williams, R.M., Gruendl, R.A., Chen, C.-H.R., Chu, Y.-H., Wang, Q.D. 2005, "An Optical Study of Stellar and Interstellar Environments of Seven Luminous and Ultraluminous X-ray Sources," *ApJ*, 641, 241-251.
146. Williams, R.M., Chu, Y.-H., Gruendl, R. 2006, "Supernova Remnants in the Magellanic Clouds. VII. Infrared Emission from SNRs," *AJ*, 132, 1877-1889.

147. Chen, Y., Wang, Q.D., Gotthelf, E.V., Jiang, B., Chu, Y.-H., Gruendl, R.A. 2006, "Chandra ACIS Spectroscopy of N157B — A Young Composite Supernova Remnant in a Superbubble," *ApJ*, 651, 237-249.
148. Gruendl, R.A., Guerrero, M.A., Chu, Y.-H., Williams, R.M. 2006, "XMM-Newton Observations of the Bipolar Planetary Nebulae NGC 2346 and NGC 7026," *ApJ*, 653, 339-344.
149. Sanchawala, K., Chen, W.-P., Lee, H.-T., Nakajima, Y., Tamura, M., Baba, D., Sato, S., Chu, Y.-H. 2006, "X-Ray Emitting Young Stars in the Carina Nebula," *ApJ*, 656, 462-473.
150. Su, K.Y.L., Chu, Y.-H., Rieke, G.H., Huggins, P.J., Gruendl, R.A., Napiwotzki, R., Rauch, T., Latter, W.B., Volk, K. 2007, "A Debris Disk around the Central Star of the Helix Nebula?" *ApJ*, 657, L41-45.
151. Li, J.Z., Chu, Y.-H., Gruendl, R.A., Bally, J., Su, W. 2007, "Resolving the Nature of the Rosette HH1 jet Facing Strong UV Dissipation," *ApJ*, 659, 1373-1381.
152. Kim, S., Rosolowsky, E., Lee, Y., Kim, Y., Jung, Y. C., Dopita, M.A., Elmegreen, B.G., Freeman, K.C., Sault, R.J., Kesteven, M., McConnell, D., Chu, Y.-H. 2007, "A Catalog of H I Clouds in the Large Magellanic Cloud," *ApJS*, 171, 419-446.
153. Bilikova, J., Williams, R.N.M., Chu, Y.-H., Gruendl, R.A., Lundgren, B.F. 2007, "Supernova Remnants in the Large Magellanic Clouds IX: Multiwavelength Analysis of the Physical Structure of N49," *AJ*, 134, 2308-2317.
154. Yang, C.-C., Gruendl, R.A., Chu, Y.-H., Mac Low, M.-M., & Fukui, Y. 2007, "Large-Scale Gravitational Instability and Star Formation in the Large Magellanic Cloud," *ApJ*, 671, 374-378.
155. Book, L.G., Chu, Y.-H., Gruendl, R.A. 2008, "Structure of Supergiant Shells in the Large Magellanic Cloud," *ApJS*, 175, 165-178.
156. Caulet, A., Gruendl, R.A., Chu, Y.-H. 2008, "Young Stellar Objects in the Large Magellanic Cloud: N63 and N180 H II Regions," *ApJ*, 678, 200-218.
157. Guerrero, M.A., Chu, Y.-H. 2008, "An X-Ray Survey of Wolf-Rayet Stars in the Magellanic Clouds. I. The Chandra ACIS Dataset," *ApJS*, 177, 216-237.
158. Guerrero, M.A., Chu, Y.-H. 2008, "An X-Ray Survey of Wolf-Rayet Stars in the Magellanic Clouds. II. The ROSAT PSPC and HRI Datasets," *ApJS*, 177, 238-254.
159. Guerrero, M.A., Chu, Y.-H. 2008, "Multiple and Precessing Collimated Outflows in the Planetary Nebula IC 4634," *ApJ*, 683, 272-286.
160. Gruendl, R.A., Chu, Y.-H., Seale, J.P., Matsuura, M., Speck, A.K., Sloan, G.C., Looney, L.W. 2008, "Discovery of Extreme Carbon Stars in the Large Magellanic Cloud," *ApJL*, 688, L9-L12.
161. Gouliermis, D.A., Chu, Y.-H., Henning, T., Brandner, W., Gruendl, R.A., Hennekemper, E., Hormuth, F. 2008, "NGC 346 in the Small Magellanic Cloud. IV. Triggered Star Formation in the H II Region N 66," *ApJ*, 688, 1050-1059.
162. Book, L.G., Chu, Y.-H., Gruendl, R.A., Fukui, Y. 2009, "Star Formation Around Supergiant Shells in the LMC," *AJ*, 137, 3599-3605.
163. Oskinova, L.M., Hamann, W.-R., Feldmier, A., Ignace, R., Chu, Y.-H. 2009, "Discovery of X-ray Emission from the Wolf-Rayet star WR142 of oxygen subtype," *ApJL*, 693, L44-L48.

164. Hamaguchi, K., Corcoran, M.F., Ezoe, Y., Townsley, L., Broos, P., Gruendl, R., Vaidya, K., White, S. M., Strohmayer, T., Petre, R., Chu, Y.-H. 2009, "A Smoking Gun in the Carina Nebula," *ApJL*, 695, L4-L9.
165. Chen, C.-H.R., Chu, Y.-H., Gruendl, R.A., Gordon, K.D., Heitsch, F. 2009, "Spitzer View of Young Massive Stars in the LMC HII Complex N44," *ApJ*, 695, 511-541.
166. Ezoe, Y., Hamaguchi, K., Gruendl, R.A., Chu, Y.-H., Petre, R., Corcoran, M.F. 2009, "Suzaku and XMM-Newton Observations of Diffuse X-ray Emission from the Eastern Tip Region of the Carina Nebula," *PASJ*, 61, S123-S136.
167. Seale, J.P., Looney, L.W., Chu, Y.-H., Gruendl, R.A., Brandl, B., Chen, C.-H.R., Brandner, W., Blake, G. 2009, "The Evolution of Massive YSOs in the LMC: Part I. Identification and Spectral Classification," *ApJ*, 699, 150-167.
168. Maddox, L.A., Williams, R.M., Dunne, B.C., Chu, Y.-H. 2009, "Nonthermal X-ray Emission in the N11 Superbubble in the Large Magellanic Cloud," *ApJ*, 699, 911-916.
169. Chu, Y.-H., Gruendl, R.A., Guerrero, M.A., Su, K.Y.L., Bilikova, J., Cohen, M., Parker, Q.A., Volk, K., Caulet, A., Chen, W.P., Hora, J.L., Rauch, T. 2009, "Spitzer 24 μ m Images of Planetary Nebulae," *AJ*, 138, 691-702.
170. Gruendl, R.A., Chu, Y.-H. 2009, "High and Intermediate-Mass Young Stellar Objects in the Large Magellanic Cloud," *ApJS*, 184, 172-197.
171. Vaidya, K., Chu, Y.-H., Gruendl, R.A., Chen, C.-H.R., Looney, L.W. 2009, "A Hubble Space Telescope View of the Interstellar Environments of Young Stellar Objects in the LMC," *ApJ*, 707, 1417-1426.
172. Fleener, C.E., Payne, J.T., Chu, Y.-H., Chen, C.-H.R., Gruendl, R.A. 2010, "Massive Star Formation in NGC 2074," *AJ*, 139, 158-167.
173. Oskinova, L.M., Gruendl, R.A., Ignace, R., Chu, Y.-H., Hamann, W.-R., Feldmeier, A. 2010, "Hard X-ray Emission in the Star-Forming Region ON2: Discovery with XMM-Newton," *ApJ*, 712, 763-777.
174. Seward, F.D., Williams, R.M., Chu, Y.-H., Gruendl, R.A., Dickel, J.R. 2010 "A Chandra Observation of SNR 0540 - 697," *AJ*, 140, 177-183.
175. Desai, K., Chu, Y.-H., Gruendl, R.A., Dluger, W., Katz, M., Wong, T., Chen, C.-H.R., Looney, L.W., Hughes, A., Muller, E., Ott, J., Pineda, J.L. 2010, "Supernova Remnants and Star Formation in the LMC," *AJ*, 140, 584-594.
176. Chen, C.-H.R., Indebetouw, R., Chu, Y.-H., Gruendl, R.A., Testor, G., Heitsch, F., Seale, J.P., Meixner, M., Sewilo, M. 2010, "Spitzer View of Young Massive Stars in the LMC HII Complex II. N159," *ApJ*, 721, 1206-1232.
177. Montez, R., De Marco, O., Kastner, J. H., & Chu, Y.-H. 2010, "X-ray Emission from the Binary Central Stars of the Planetary Nebulae HFG 1, DS 1, and LoTr 5," *ApJ*, 721, 1820-1828.
178. Bilikova, J., Chu, Y.-H., Gruendl, R.A. 2010, "Hard X-ray Emission from White Dwarfs. III." *AJ*, 140, 1433-1443.
179. Seale, J.P., Looney, L.W., Chen, C.-H.R., Chu, Y.-H., Gruendl, R.A. 2011, "The Evolution of Massive Young Stellar Objects in the Large Magellanic Cloud. II. Thermal Processing of Circumstellar Ices," *ApJ*, 227, 36 (21pp).
180. Jaskot, A.E., Strickland, D.K., Oey, M.S., Chu, Y.-H., & García-Segura, G. 2011, "Observational Constraints on Superbubble X-ray Energy Budgets," *ApJ*, 729, 28 (21pp).

181. Townsley, L. K., Broos, P. S., Corcoran, M. F., Feigelson, E. D., Gagné, M., Montmerle, T., Oey, M. S., Smith, N., Garmire, G. P., Getman, K. V., Povich, M. S., Ramage Evans, N., Nazé, Y., Parkin, E. R., Preibisch, T., Wang, J., Wolk, S. J., Chu, Y.-H., Cohen, D. H., Gruendl, R. A., Hamaguchi, K., King, R. R., Mac Low, M.-Ma., McCaughrean, M. J., Moffat, A. F. J., Oskinova, L. M., Pittard, J. M., Stassun, K. G., ud-Doula, A., Walborn, N. R., Waldron, W. L., Churchwell, E., Nichols, J. S., Owocki, S. P., Schulz, N. S. 2011, “An Introduction to the Chandra Carina Complex Project,” *ApJS*, 194, 1 (28pp).
182. Townsley, L. K., Broos, P. S., Chu, Y.-H., Gagné, M., Garmire, G. P., Gruendl, R. A., Hamaguchi, K., Mac Low, M.-M., Montmerle, T., Nazé, Y., Oey, M. S., Park, S., Petre, R., Pittard, J. M. 2011, “The Chandra Carina Complex Project: Deciphering the Enigma of Carina’s Diffuse X-ray Emission,” *ApJS*, 194, 15 (23pp).
183. Townsley, L.K., Broos, P.S., Chu, Y.-H.; Gruendl, R.A., Oey, M.S., Pittard, J. M. 2011 “The Integrated Diffuse X-ray Emission of the Carina Nebula Compared to Other Massive Star-forming Regions,” *ApJS*, 194, 16 (20pp).
184. Chu, Y.-H., Su, K.Y.L., Bilikova, J., Gruendl, R.A., De Marco, O., Guerrero, M.A., Updike, A.C., Volk, K., Rauch, T. 2011, “Spitzer 24 μ m Survey for Dust Disks around Hot White Dwarfs,” *AJ*, 142 75 (18pp).
185. Ruiz, N., Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2011, “Physical Structure of the Planetary Nebula NGC 3242 from the Hot Bubble to the Nebular Envelope,” *AJ*, 142, 91 (9pp).
186. Gouliermis, D.A., Dolphin, A.E., Robberto, M., Gruendl, R.A., Chu, Y.-H., Gennaro, M., Henning, T., Rosa, M., Da Rio, N., Brandner, W., Romaniello, M., De Marchi, G., Panagia, N., Zinnecker, H. 2011, “Pre-main-sequence Stellar Populations across Shapley Constellation III. I. Photometric Analysis and Identification,” *ApJ*, 738, 137 (21pp).
187. Wong, T., Hughes, A., Ott, J., Muller, E., Pineda, J.L., Bernard, J.-P., Chu, Y.-H., Fukui, Y., Gruendl, R.A., Henkel, C., Kawamura, A., Klein, U., Looney, L.W., Maddison, S., Mizuno, Y., Paradis, D., Seale, J., Welty, D.E. 2011 “The Magellanic Mopra Assessment (MAGMA). I. The Molecular Cloud Population of the Large Magellanic Cloud,” *ApJS*, 197, 16 (21pp).
188. Hénault-Brunet, V., Oskinova, L.M., Guerrero, M.A., Sun, W., Chu, Y.-H., Evans, C.J., Gallagher, J.S., III, Gruendl, R.A., Reyes-Iturbide, J. 2012 “Discovery of a Be/X-ray pulsar binary and associated supernova remnant in the Wing of the SMC,” *MNRAS*, 420, L13-L17.
189. Bozzetto, L.M., Filipović, M.D., Crawford, E.J., Haberl, F., Sasaki, M., Urosević, D., Pietsch, W., Payne, J.L., De Horta, A.Y., Stupar, M., Tothill, N., Dickel, J., Chu, Y.-H., Gruendl, R. 2012, “Multi-frequency study of the Large Magellanic Cloud Supernova Remnant J0529-6653 near Pulsar B0529-66,” *MNRAS*, 420, 2588-2595.
190. de Horta, A.Y., Filipovic, M.D., Bozzetto, L.M., Maggi, P., Haberl, F., Crawford, E.J., Sasaki, M., Urosevic, D., Pietsch, W., Gruendl, R., Dickel, J., Tothill, N.F.H., Chu, Y.-H., Payne, J.L., Collier, J.D. 2012, “Multi-frequency study of supernova remnant in the Large Magellanic Cloud. The case of LMC SNR J-530-7007,” *A&A*, 540, A25 (6pp).
191. Franchetti, N.A., Gruendl, R.A., Chu, Y.-H., Dunne, B.C., Pannuti, T.G., Kuntz, K.D., Chen, C.-H.R., Grimes, C.K., Aldridge, T.M. 2012, “Physical Structure and Nature of Supernova Remnants in M101,” *AJ*, 143, 85 (14pp).
192. Bilikova, J., Chu, Y.-H., Gruendl, R.A., Su, K.Y.L., De Marco, O. 2012, “Spitzer Search for Dust Disks around Central Stars of Planetary Nebulae,” *ApJS*, 200, 3 (35pp).

193. Evans, C.J., Hainich, R., Oskinova, L.M., Gallagher, J.S., Chu, Y.-H., Gruendl, R.A., Hamann, W.-R., Hénault-Brunet, V., Todt, H. 2012, “A rare early-type star revealed in the Wing of the Small Magellanic Cloud,” *ApJ*, 753, 173 (10pp).
194. Kastner, J.H., Montez, R., Jr., Balick, B., Frew, D.J., Miszalski, B., Sahai, R., Blackman, E., Chu, Y.-H., De Marco, O., Frank, A., and 16 coauthors. 2012, “The Chandra X-ray Survey of Planetary Nebulae (ChanPlaNS): Probing Binarity, Magnetic Fields, and Wind Collisions,” *AJ*, 144, 58 (18pp).
195. Toalá, J.A., Guerrero, M.A., Chu, Y.-H., Gruendl, R.A., Arthur, S.J., Smith, R.C., Snowden, S.L. 2012, “X-ray Emission from the Wolf-Rayet Bubble S308,” *ApJ*, 755, 77 (11pp).
196. Guerrero, M.A., Ruiz, N., Hamann, W.-R., Chu, Y.-H., Todt, T., Schönberner, D., Oskinova, L., Gruendl, R.A., Steffen, M., Blair, W.P., Toalá, J.A. 2012, “Rebirth of X-ray Emission from the Born-Again Planetary Nebula A 30,” *ApJ*, 755, 129 (15pp).
197. Maggi, P., Haberl, F., Bozzetto, L.M., Filipovic, M.D., Points, S.D., Chu, Y.-H., Sasaki, M., Pietsch, W., Gruendl, R.A., Dickel, J., Smith, R.C., Sturm, R., Crawford, E.J., De Horta, A.Y. 2012, “Multi-frequency study of supernova remnants in the Large Magellanic Cloud, Confirmation of the supernova remnant status of DEM L205,” *A&A*, 546, 109 (11pp).
198. Sun, W., Chen, Y., Feng, L., Chu, Y.-H., Chen, C.-H.R., Wang, Q.D., Li, J.-T. 2012, “Giant H II Regions in M101. I. X-Ray Analysis of Hot Gas,” *ApJ*, 760, 61 (11pp)
199. Oskinova, L.M., Sun, W., Evans, C.J., Hénault-Brunet, V., Chu, Y.-H., Gallagher, J.S., III, Guerrero, M.A., Gruendl, R.A., Güdel, M., Silich, S., and 4 coauthors. 2013, “Discovery of X-Ray Emission from Young Suns in the Small Magellanic Cloud,” *ApJ*, 765, 73 (12pp)
200. Williams, P.M., Chu, Y.-H., Gruendl, R.A., Guerrero, M.A. 2013, “Variable dust formation by the colliding-wind Wolf-Rayet system HD 36402 in the Large Magellanic Cloud,” *MNRAS*, 431, 1160-1166
201. Ruiz, N., Chu, Y.-H., Gruendl, R.A., Guerrero, M.A., Jacob, R., Schönberner, D., Steffen, M. 2013, “Detection of Diffuse X-Ray Emission from Planetary Nebulae with Nebular O VI,” *ApJ*, 767, 35 (11pp)
202. Chen, Y., Zhou, P., Chu, Y.-H. 2013, “Linear Relation for Wind-blown Bubble Sizes of Main-sequence OB Stars in a Molecular Environment and Implication for Supernova Progenitors,” *ApJL*, 769, L16 (5pp)
203. Maggi, P., Haberl, F., Kavanagh, P.J., Points, S.D., Dickel, J., Bozzetto, L.M., Sasaki, M., Chu, Y.-H., Gruendl, R.A., Filipović, M.D., Pietsch, W. 2014, “Four new X-ray-selected supernova remnants in the Large Magellanic Cloud,” *A&A*, 561, 76 (18pp)
204. Toalá, J.A., Guerrero, M.A., Gruendl, R.A., Chu, Y.-H. 2014, “X-Ray Emission from the Wolf-Rayet Bubble NGC 6888. I. Chandra ACIS-S Observations,” *AJ*, 147, 30 (8pp)
205. Bozzetto, L.M., Kavanagh, P.J., Maggi, P., Filipović, M.D., Stupar, M., Parker, Q.A., Reid, W.A., Sasaki, M., Haberl, F., Urosević, D., Dickel, J., Sturm, R., Williams, R., Ehle, M., Gruendl, R., Chu, Y.-H., Points, S., Crawford, E.J. 2014, “Multifrequency study of a new Fe-rich supernova remnant in the Large Magellanic Cloud, MCSNR J0508-6902,” *MNRAS*, 439, 1110-1114
206. Matsuura, M., Bernard-Salas, J., Lloyd Evans, T., Volk, K.M., Hrivnak, B.J., Sloan, G.C., Chu, Y.-H., Gruendl, R., Kraemer, K.E., Peeters, E., Szczerba, R., Wood, P.R., Zijlstra, A.A., Hony, S., Ita, Y., Kamath, D., Lagadec, E., Parker, Q.A., Reid, W.A.,

- Shimonishi, T., Van Winckel, H., Woods, P.M., Kemper, F., Meixner, M., Otsuka, M., Sahai, R., Sargent, B.A., Hora, J.L., McDonald, I. 2014, “Spitzer Space Telescope spectra of post-AGB stars in the Large Magellanic Cloud - polycyclic aromatic hydrocarbons at low metallicities,” *MNRAS*, 1472-1493
207. Stephens, I.W., Evans, J.M., Xue, R., Chu, Y.-H., Gruendl, R.A., Segura-Cox, D.M. 2014, “Spitzer Observations of Dust Emission from HII Regions in the Large Magellanic Cloud,” *ApJ*, 784, 147 (19pp)
208. Ueta, T., Ladjal, D., Exter, K.M., Otsuka, M., Szczerba, R., Siódmiak, N., Aleman, I., van Hoof, P.A.M., Kastner, J.H., Montez, R., McDonald, I., Wittkowski, M., Sandin, C., Ramstedt, S., De Marco, O., Villaver, E., Chu, Y.-H., Vlemmings, W., Izumiura, H., Sahai, R., Lopez, J.A., Balick, B., Zijlstra, A., Tielens, A.G.G.M., Rattray, R.E., Behar, E., Blackman, E.G., Hebden, K., Hora, J.L., Murakawa, K., Nordhaus, J., Nordon, R., Yamamura, I. 2014, “The Herschel Planetary Nebula Survey (HerPlaNS) I. Data Overview and Analysis Demonstration with NGC 6781,” *A&A*, 565, A36, (27pp)
209. Aleman, I., Ueta, T., Ladjal, D., Exter, K. M., Kastner, J. H., Montez, R., Tielens, A. G. G. M., Chu, Y.-H., Izumiura, H., McDonald, I., Sahai, R., Siódmiak, N., Szczerba, R., van Hoof, P. A. M., Villaver, E., Vlemmings, W., Wittkowski, M., Zijlstra, A. A. 2014, “Herschel Planetary Nebula Survey (HerPlaNS). First detection of OH⁺ in planetary nebulae,” *A&A*, 566, A79, (9pp)
210. Clayton, G. C., De Marco, O., Nordhaus, J., Green, J., Rauch, T., Werner, K., Chu, Y.-H. 2014, “Dusty Disks around Central Stars of Planetary Nebulae,” *AJ*, 147, 142 (9pp)
211. Nazé, Y., Wang, Q. D., Chu, Y.-H., Gruendl, R., Oskinova, L. 2014, “A Deep Chandra Observation of the Giant HII Region N11 I. X-ray Sources in the Field,” *ApJS*, 213, 23 (20pp)
212. Gvaramadze, V. V., Chené, A.-N., Kniazev, A. Y., Schnurr, O., Shenar, T., Sander, A., Hainich, R., Langer, N., Hamann, W.-R., Chu, Y.-H., Gruendl, R. A. 2014, “Discovery of a new Wolf-Rayet star and a candidate star cluster in the Large Magellanic Cloud with Spitzer,” *MNRAS*, 442, 929-945
213. Zhang, N.-X., Chu, Y.-H., Williams, R. M., Jiang, Bing, Chen, Yang, Gruendl, R. A. 2014, “Physical Nature of the [S II]-bright Shell Nebulae N70 and N185,” *ApJ*, 792, 58 (9pp)
214. Freeman, M., Kastner, J. H., Montez, R., Jr, Balick, B., Frew, D. J., Jones, D., Miszalski, B., Sahai, R., Blackman, E., Chu, Y.-H., De Marco, O., Frank, A., Guerrero, M. A., Lopez, J. A., Zijlstra, A., Bujarrabal, V., Corradi, R. L. M., Nordhaus, J., Parker, Q. A., Sandin, C., Schönberner, D., Soker, N., Sokoloski, J. L., Steffen, M., Toalá, J. A., Ueta, T., Villaver, E. 2014, “The Chandra Planetary Nebula Survey (ChanPlaNS). II. X-Ray Emission from Compact Planetary Nebulae,” *ApJ*, 794, 99 (13pp)
215. Fang, X., Guerrero, M.A., Márquez-Lugo, R.A., Toalá, J.A., Arthur, S.J., Chu, Y.-H., Blair, W.P., Gruendl, R.A., Hamann, W.-R., Oskinova, L., Todt, H. 2014, “Expansion of Hydrogen-Poor Knots in the Born-Again Planetary Nebulae A30 and A78,” *ApJ*, 797, 100 (11pp)
216. Toalá, J.A., Guerrero, M.A., Todt, H., Hamann, W.-R., Chu, Y.-H., Gruendl, R.A., Schönberner, D., Oskinova, L. 2015, “The Born-Again Planetary Nebula A78: an X-ray Twin of A30,” *ApJ*, 799, 67 (10pp)
217. Toalá, J.A., Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2015 “On the Diffuse X-ray Emission from the Wolf-Rayet Bubble NGC2359,” *MNRAS*, 446, 1083-1089

218. Naslim, N., Kemper, F., Madden, S., Hony, S., Chu, Y.-H., Galliano, F., Bot, C., Yang, Y.-L., Seok, J. Y., Oliveira, J. M., van Loon, J. Th., Meixner, M., Li, A., Hughes, A., Gordon, K. D., Otsuka, M., Hirashita, H., Morata, O., Lebouteiller, V., Indebetouw, R., Srinivasan, S., Bernard, J.-P., Reach, W. T. 2015, “Molecular hydrogen emission in the interstellar medium of the Large Magellanic Cloud,” *MNRAS*, 446, 2490-2504
219. Guerrero, M.A., Toalá, J.A., Chu, Y.-H., Gruendl, R.A. 2015, “XMM-Newton RGS observations of the Cat’s Eye Nebula,” *A&A*, 574, A1 (4pp)
220. Montez, R., Jr., Kastner, J. H., Balick, B., Behar, E., Blackman, E., Bujarrabal, V., Chu, Y.-H., Corradi, R. L. M., De Marco, O., Frank, A., Freeman, M., Frew, D. J., Guerrero, M. A., Jones, D., Lopez, J. A., Miszalski, B., Nordhaus, J., Parker, Q. A., Sahai, R., Sandin, C., Schönberner, D., Soker, N., Sokoloski, J. L., Steffen, M., Toalá, J. A., Ueta, T., Villaver, E., Zijlstra, A. 2015, “The Chandra Planetary Nebulae Survey (ChanPlaNS): III. X-ray Emission from the Central Stars of Planetary Nebulae,” *ApJ*, 800, 8 (19pp)
221. Martin, N.F., Nidever, D.L., Besla, G., Olsen, K., Walker, A.R., Vivas, A.K., Gruendl, R.A., Kaleida, C.C., Muñoz, R.R., Blum, R.D., Saha, A., Conn, B.C., Bell, E.F., Chu, Y.-H., Cioni, M.-R.L., de Boer, T.J.L., Gallart, C., Jin, S., Kunder, A., Majewski, S.R., Martinez-Delgado, D., Monachesi, A., Monelli, M., Monteagudo, L., Noël, N.E.D., Olszewski, E.W., Stringfellow, G.S., van der Marel, R.P., Zaritsky, D. 2015, “Hydra II: A Faint and Compact Milky Way Dwarf Galaxy Found in the Survey of the Magellanic Stellar History,” *ApJL*, 804, L5 (6pp)
222. Kim, H., Lee, H.-G., Maun, N., Chu, Y.-H. 2015, “HST Images Reveal Dramatic Changes in the Core of IRC+10216,” *ApJL*, 804, L10 (6pp)
223. Foreman, G., Chu, Y.-H., Gruendl, R., Hughes, A., Fields, B., Ricker, P. 2015, “Spatial and Spectral Modeling of the Gamma-Ray Distribution in the Large Magellanic Cloud,” *ApJ*, 808, 44 (19pp)
224. Maggie, P., Haberl, F., Kavanagh, P.J., Sasaki, M., Bozzetto, L.M., Filipović, M.D., Vasilopoulos, G., Pietsch, W., Points, S.D., Chu, Y.-H., Dickel, J., Ehle, M., Williams, R., Greiner, J. 2016, “The Population of X-ray Supernova Remnants in the Large Magellanic Cloud,” *A&A*, 585, A162 (52pp)
225. Toalá, J.A., Guerrero, R.A., Chu, Y.-H., Arthur, S.J., Tafoya, D., Gruendl, R.A. 2016, “X-ray Emission from the Wolf-Rayet Bubble NGC 6888 - II. XMM-Newton EPIC Observations,” *MNRAS*, 456, 4305-4314
226. Fang, X., Guerrero, M.A., Toalá, J.A., Chu, Y.-H., Gruendl, R.A. 2016, “HST STIS Observations of the Mixing Layer in the Cat’s Eye Nebula,” *ApJL*, 822, L19 (5pp)
227. Stephens, I.W., Gouliermis, D., Looney, L.W., Gruendl, R.A., Chu, Y.-H., Weisz, D.R., Seale, J.P., Chen, C.-H.R., Wong, T., Hughes, A., Pineda, J.L., Ott, J., Muller, E. 2017, “Stellar Clusterings around “Isolated” Massive YSOs in the LMC,” *ApJ*, 834, 94 (22pp)
228. Li, C.-J., Chu, Y.-H., Gruendl, R.A., Weisz, D., Pan, K.-C., Points, S.D., Ricker, P.M., Smith, R.C., Walter, F.M. 2017, “Physical Structures of the Type Ia Supernova Remnant N103B,” *ApJ*, 836, 85 (12pp)
229. Litke, K.C., Chu, Y.-H., Holmes, A., Santucci, R., Blindauer, T., Gruendl, R.A., Li, C.-J., Pan, K.-C., Ricker, P.M., Weisz, D.R. 2017, “Nature of the Diffuse Source and Its Central Point-like Source in SNR 0509-67.5,” *ApJ*, 837, 111 (8pp)
230. Otsuka, M., Ueta, T., van Hoof, P.A.M., Sahai, R., Aleman, I., Zijlstra, A.A., Chu, Y.-H., Villaver, E., Leal-Ferreira, M.L., Kastner, J., Szczerba, R., Exter, K.M. 2017, “The Herschel Planetary Nebula Survey (HerPlaNS): A Comprehensive Dusty Photoionization Model of NGC6781,” *ApJS*, 231, 22 (29pp)

231. Toalá, J.A., Marston, A.P., Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2017, “Hot Gas in the Wolf-Rayet Nebula NGC 3199,” *ApJ*, 846,
232. Nidever, D.L., Olsen, K., Walker, A.R., Vivas, A.K., Blum, R.D., Kaleida, C., Choi, Y., Conn, B.C., Gruendl, R.A., Bell, E.F., Besla, G., Muoz, R.R., Gallart, C., Martin, N.F., Olszewski, E.W., Saha, A., Monachesi, A., Monelli, M., de Boer, T.J.L., Johnson, L.C., Zaritsky, D., Stringfellow, G.S., van der Marel, R.P., Cioni, M.-R.L., Jin, S., Majewski, S.R., Martinez-Delgado, D., Monteagudo, L., Nol, N.E.D., Bernard, E.J., Kunder, A., Chu, Y.-H., Bell, C.P.M., Santana, F., Frechem, J., Medina, G.E., Parkash, V., Sern Navarrete, J.C., Hayes, C. 2017, “SMASH: Survey of the MAgellanic Stellar History,” *AJ*, 154, 199 (25pp)
233. Yen, H.-W., Takakuwa, S., Chu, Y.-H., Hirano, N., Ho, P.T.P., Kanagawa, K.D., Lee, C.-F., Liu, H.B., Liu, S.-Y., Matsumoto, T., Matsushita, S., Muto, T., Saigo, K., Tang, Y.-W., Trejo, A., Wu, C.-J. 2017, “1000 au Exterior Arcs Connected to the Protoplanetary Disk around HL Tauri,” *A&A*, 608, A134 (18pp)
234. Wong, T., Hughes, A., Tokuda, K., Indebetouw, R., Bernard, J.-P., Onishi, T., Wojciechowski, E., Bandurski, J.B., Kawamura, A., Roman-Duval, J., Cao, Y., Chen, C.-H.R., Chu, Y.-H., Cui, C., Fukui, Y., Montier, L., Muller, E., Ott, J., Paradis, D., Pineda, J.L., Rosolowsky, E., Sewilo, M. 2017, “ALMA Observations of a Quiescent Molecular Cloud in the Large Magellanic Cloud,” *ApJ*, 850, 139 (17pp)
235. Ou, P.-S., Chu, Y.-H., Maggi, P., Li, C.J., Chang, U.P., Gruendl, R.A. 2018, “X-ray Luminosity and Size Relationship of Supernova Remnants in the LMC,” *ApJ*, 863, 137 (11pp)
236. Toalá, J. A., Oskinova, L. M., Hamann, W.-R., Ignace, R., Sander, A. A. C., Shenar, T., Todt, H., Chu, Y.-H., Guerrero, M. A., Hainich, R., Torrejn, J. M. 2018, “On the Apparent Absence of Wolf-Rayet+Neutron Star Systems: The Curious Case of WR124,” *ApJL*, 869, L11 (5pp)
237. Kavanagh, P.J., Vink, J., Sasaki, M., Chu, Y.-H., Filipovic, M. D., Ohm, S., Haberl, F., Manojlovic, P., Maggi, P. 2019, “Magnetic field estimates from the X-ray synchrotron emitting rims of the 30 Dor C superbubble and the implications for the nature of 30 Dor C’s TeV emission,” *A&A*, 621, id.A138 (16pp)
238. Nidever, D. L., Olsen, K., Choi, Y., ..., Chu, Y.-H. 2019, “Exploring the Very Extended Low-surface-brightness Stellar Populations of the Large Magellanic Cloud with SMASH,” *ApJ*, 874, 118 (10pp)
239. Castro-Chacón, J. H., Reyes-Ruiz, M., Lehner, M. J., ..., Chu, Y.-H., et al. 2019, “Occultations by Small Non-spherical Trans-Neptunian Objects. I. A New Event Simulator for TAOS II,” *PASP*, 131, 064401 (10pp)
240. Guerrero, M.A., Toalá, J.A., Chu, Y.-H. 2019, “Variable Hard X-Ray Emission from the Central Star of the Eskimo Nebula,” *ApJ*, 884, 134 (9pp)
241. Joseph, T.D., Filipović, M.-D., ..., Chu, Y.-H., et al. 2019, “The ASKAP EMU Early Science Project: radio continuum survey of the Small Magellanic Cloud,” *MNRAS*, 490, 1202 (18pp)
242. Li, C.-J., Kerzendorf, W.E., Chu, Y.-H., Chen, T.-W., et al. 2019, “Search for Surviving Companions of Progenitors of Young LMC Type Ia Supernova Remnants,” *ApJ*, 886, 99 (25pp)
243. Rechy-García, J.S., Guerrero, M.A., Duarte Puertas, S., Chu, Y.-H., Toalá, J.A., Miranda, L.F. 2020, *MNRAS*, 492, 1957-1969

244. Toalá, J.A., Guerrero, M.A., Todt, H., Sabin, L., Oskinova, L.M., Chu, Y.-H., Ramos-Larios, G., Gómez-González, V.M.A. 2020, MNRAS, in press
245. Toalá, J.A., Guerrero, M.A., Bianchi, L., Chu, Y.-H., De Marco, O. 2020, MNRAS, in press

B. Chapters in Books

1. Crutcher, R.M., and Chu, Y.-H. 1982, "The H II Region W40 and its Molecular Cloud," in *Regions of Recent Star Formation*, ed. R.S. Roger and P.E. Dewdney, (Dordrecht: Reidel), pp. 53-60.
2. Chu, Y.-H. 1982, "Ring Nebulae Associated with Wolf-Rayet Stars," in *Wolf-Rayet Stars: Observations, Physics, Evolution*, I.A.U. Symposium No. 99, ed. C.W.H. de Loore and A.J. Willis (Dordrecht: Reidel), pp. 469-472.
3. Chu, Y.-H. 1984, "New Optical Observations of R136," in *Structure and Evolution of the Magellanic Clouds*, I.A.U. Symposium No. 108, ed. S. van den Bergh and K.S. de Boer (Dordrecht: Reidel), pp. 259-260.
4. Chu, Y.-H., Feitzinger, J.V., Savage, B.D., Seggewiss, W., Walborn, N.R., and Schmidt-Kaler, T. 1984, "Panel Discussion on R136. (IAU Symp. No. 108)," in *Structure and Evolution of the Magellanic Clouds*, I.A.U. Symposium No. 108, ed. S. van den Bergh and K.S. de Boer (Dordrecht: Reidel), pp. 263-270.
5. Chu, Y.-H., Seitzer, P., and Walborn, N. 1986, "NGC 2070 and NGC 3603," in *Luminous Stars and Associations in Galaxies*, I.A.U. Symposium No. 116, ed. C.W.H. de Loore, A.J. Willis, and P. Laskarides (Dordrecht: Reidel), pp. 515-516.
6. Chu, Y.-H., and Jacoby, G. 1987, "Mass Loss and the Formation of Multiple Shell Planetary Nebulae," in *Late Stages of Stellar Evolution*, ed. S. Kwok and S.R. Pottasch (Dordrecht: Reidel), pp. 351-354.
7. Blair, W.P., Chu, Y.-H., and Kennicutt, R.C. 1988, "Long Slit Echelle Spectroscopy of Supernova Remnants in M33," in *Supernova Remnants and the Interstellar Medium*, I.A.U. Colloquium No. 101, ed. R.S. Roger and T.L. Landecker (Cambridge: Cambridge University), pp. 193-196.
8. Chu, Y.-H., and Kennicutt, R.C., Jr. 1988, "Supernova Remnants in Giant H II Regions," in *Supernova Remnants and the Interstellar Medium*, I.A.U. Colloquium No. 101, ed. R.S. Roger and T.L. Landecker (Cambridge: Cambridge University), pp. 201-204.
9. Norman, M.L., Dickel, J.R., Livio, M., and Chu, Y.-H. 1988, "Collective Effects in Shock Propagation through a Clumpy Medium," in *Supernova Remnants and the Interstellar Medium*, I.A.U. Colloquium No. 101, ed. R.S. Roger and T.L. Landecker (Cambridge: Cambridge University Press), pp. 223-226.
10. Walborn, N.R., Lasker, B.M., Laidler, V.G., and Chu, Y.-H. 1988, "The Composite Image of Sanduleak -69 202, Candidate Precursor to SN 1987A in the LMC," in *Atmospheric Diagnostics of Stellar Evolution: Chemical Peculiarity, Mass Loss, and Explosion*, I.A.U. Colloquium No. 108, ed. K. Nomoto (Berlin: Springer), pp. 406-407.
11. Chu, Y.-H. 1989, "Multiple Shell Planetary Nebulae," in *Planetary Nebulae*, I.A.U. Symposium No. 131, ed. S. Torres-Peimbert (Dordrecht: Kluwer), pp. 105-115. **[invited]**
12. Jacoby, G.H., and Chu, Y.-H. 1989, "Kinematics of Abell 30," in *Planetary Nebulae*, I.A.U. Symposium No. 131, ed. S. Torres-Peimbert (Dordrecht: Kluwer), p. 183.

13. Chu, Y.-H., and Jacoby, G.H. 1989, "Internal Motions of Faint PN Halos," in Planetary Nebulae, I.A.U. Symposium No. 131, ed. S. Torres-Peimbert (Dordrecht: Kluwer), p. 198.
14. Chu, Y.-H. 1991, "Ring Nebulae around Massive Stars," in Wolf-Rayet Stars and Interrelations with Other Massive Stars in Galaxies, I.A.U. Symposium No. 143, ed. K.A. van der Hucht and B. Hidayat (Dordrecht: Kluwer), pp. 349-363. **[invited]**
15. Chu, Y.-H., and Kennicutt, R.C., Jr. 1991, "Fast Shells and X-Ray Emission in 30 Doradus: SNRs and Superbubbles," in The Magellanic Clouds, I.A.U. Symposium No. 148, ed. R. Haynes and D. Milne (Dordrecht: Kluwer), pp. 97-98.
16. Chu, Y.-H., and Mac Low, M.-M. 1991, "X-Rays from Superbubbles in the Large Magellanic Cloud," in The Magellanic Clouds, I.A.U. Symposium No. 148, ed. R. Haynes and D. Milne (Dordrecht: Kluwer), pp. 99-100.
17. Chu, Y.-H. 1991, "Nebulae, Wolf-Rayet" in The Astronomy and Astrophysics Encyclopedia, ed. S.P. Maran (New York: Van Nostrand Reinhold), pp. 481-483. **[invited]**
18. Dopita, M.A., Bell, J.F., Lozinskaya, T.A., and Chu, Y.-H. 1992, "A Survey of the Environment of Wolf-Rayet Stars in the Magellanic Clouds" in New Aspects of Magellanic Cloud Research, ed. B. Baschek, G. Klare, and J. Lequeux, p.163-164.
19. Chu, Y.-H., Garcia-Segura, G., Dopita, M.A., Bell, J.F., Lozinskaya, T.A., Marston, A.P., and Miller, G.J. 1993, "New Surveys of Nebulae around Wolf-Rayet Stars," in ASP Conf. Series No. 35, Massive Stars: Their Lives in the Interstellar Medium, ed. J. P. Cassinelli and E. B. Churchwell, pp. 360-362.
20. Chu, Y.-H., Wakker, B., and Garcia-Segura, G. 1993, "Highly Ionized Gas in the Large Magellanic Cloud", in ASP Conf. Series No. 35, Massive Stars: Their Lives in the Interstellar Medium, ed. J. P. Cassinelli and E. B. Churchwell, pp. 363-365.
21. Chu, Y.-H. 1993, "Ring Nebulae around PN Nuclei and Massive Stars," in Planetary Nebulae, I.A.U. Symposium No. 155, ed. R. Weinberger and A. Acker, pp. 139-145. **[invited]**
22. Kwitter, K. B., Chu, Y.-H., and Downes, R. A. 1993, "CCD Imaging of Planetary Nebula Halos," in Planetary Nebulae, I.A.U. Symposium No. 155, ed. R. Weinberger and A. Acker, pp. 209-209.
23. Lozinskaya, T. A., Dopita, M. A., and Chu, Y.-H. 1993, "Ring Nebulae around Population I WR Stars: Is Their Origin Similar to the PNe?" in Planetary Nebulae, I.A.U. Symposium No. 155, ed. R. Weinberger and A. Acker, pp. 219-219.
24. Chu, Y.-H. and Kennicutt, R.C. 1994, "Internal Motions of HII Regions and Giant HII Regions," in Kinematics and Dynamics of Diffuse Astrophysical Media, ed. J.E. Dyson and E.B. Carling, pp. 253-262. **[invited]**
25. Chu, Y.-H. 1994, "Diffuse X-Ray Emission from HII Complexes: Stellar Winds and Supernova Remnants," in The Soft X-Ray Cosmos, ROSAT Science Symposium, ed. E.M. Schlegel and R. Petre, pp. 154-158.
26. Dickel, J.R., Murphy, R., Chu, Y.-H., and Goscha, D.L. 1994, "X-Ray and Radio Emission from W49B and Other Supernova Remnants," in The Soft X-Ray Cosmos, ROSAT Science Symposium, ed. E.M. Schlegel and R. Petre, pp. 328-330.
27. Murphy, R. and Chu, Y.-H. 1994, "X-Ray Emission from Giant HII Regions in M101," in The Soft X-Ray Cosmos, ROSAT Science Symposium, ed. E.M. Schlegel and R. Petre, pp. 342-344.

28. Kennicutt, R.C. and Chu, Y.-H. 1994, "Violent Star Formation in 30 Doradus," in Violent Star Formation from 30 Doradus to QSO's, ed. G. Tenorio-Tagle (Cambridge: Cambridge Univ. Press), pp. 1-12.
29. Chu, Y.-H. 1995, " $10^4 - 10^6$ K Ionized Gas in the Large Magellanic Cloud," *Revista Mexicana de Astronomía y Astrofísica (Conference Series)*, 3, 153-160. [invited]
30. Chu, Y.-H. 1995, "Unsolved Problems and the Future of ISM Research: Interaction between Massive Stars and the ISM," *Revista Mexicana de Astronomía y Astrofísica (Conference Series)*, 3, 283-286. [invited]
31. Bomans, D.J., Points, S., Weis, K., and Chu, Y.-H. 1995, "Self-Propagation Star Formation in the Supergiant Shell LMC2," *Revista Mexicana de Astronomía y Astrofísica (Conference Series)*, 3, 77-80.
32. Weis, K., Bomans, D.J., Chu, Y.-H., Joner, M.D., and Smith, R.C. 1995, "Two Small Bubbles around LMC Blue Supergiants," *Revista Mexicana de Astronomía y Astrofísica (Conference Series)*, 3, 237-240.
33. Chu, Y.-H. 1996, "ROSAT View of the ISM in the Large Magellanic Cloud," in *Röntgenstrahlung from the Universe*, ed. H.U. Zimmerman, J.E. Trümper, and H. Yorke, p.311-314.
34. Chu, Y.-H. and Mac Low, M.-M. 1996, "X-ray Emission from Superbubbles," in *Röntgenstrahlung from the Universe*, ed. H.U. Zimmerman, J.E. Trümper, and H. Yorke, p.241-242.
35. Bomans, D.J., Chu, Y.-H., Magnier, E., Points, S. 1996, "X-ray Emission from Supergiant Shells in the LMC," in *Röntgenstrahlung from the Universe*, ed. H.U. Zimmerman, J.E. Trümper, and H. Yorke, p.237-238.
36. Chu, Y.-H. 1996, "The Interplay between Massive Stars and the ISM in the LMC," in the 11th IAP Meeting: The Interplay between Massive Star Formation, the ISM and Galaxy Evolution, p.201-204.
37. Bomans, D.J., Points, S.D., Chu, Y.-H., and de Boer, K.S. 1996, "Hot Gas in the Supergiant Shells LMC4 and LMC2," in the 11th IAP Meeting: The Interplay between Massive Star Formation, the ISM and Galaxy Evolution, p.517-518.
38. Bomans, D.J., Chu, Y.-H., and Hopp, U. 1996, "Supergiant Shells and Hot Gas in NGC 4449," in the 11th IAP Meeting: The Interplay between Massive Star Formation, the ISM and Galaxy Evolution, p.519-520.
39. Conway, G.M. and Chu, Y.-H. 1997, "X-ray Emission from Planetary Nebulae," in *Planetary Nebulae*, IAU Symposium No. 180, p.214-215.
40. Chu, Y.-H., Brandner, W., and Grebel, E.K. 1998, "Circumstellar Ring Nebulae around Early B Supergiants," in *SN1987A: Ten Years After*, ASP Conference Series, in press.
41. Chu, Y.-H. 1998, "Hot Gas in the Large Magellanic Cloud," in *The Magellanic Clouds and Other Dwarf Galaxies*, eds. T. Richtler and J.M. Braun, p.11-24. [invited]
42. Mac Low, M.-M., Chang, T.H., Chu, Y.-H., Points, S.D. 1998, "ROSAT observations of the giant HII complex N 11 in the LMC," in *The Magellanic Clouds and Other Dwarf Galaxies*, eds. T. Richtler and J.M. Braun, p. 269.
43. Wrigge, M., Chu, Y.-H., Magnier, E.A., Kayama, Y. 1998, "ASCA SIS X-ray Observations of the Wind Blown Bubble NGC 6888," in *The Local Bubble and Beyond*, IAU Colloquium No. 166, p.425-428.

44. Smith, R.C., Bregman, J., Chu, Y.-H., Ciardullo, R., Jacoby, G.H., Kennicutt, R., Oey, M.S., Winkler, P.F., Zaritsky, D. 1999, "Mapping the Ionized Gas in the Magellanic Clouds," in *New Views of the Magellanic Clouds*, IAU Symposium 190, p.28-31.
45. Chu, Y.-H., Caulet, A., Dickel, J.R., Williams, R., Arias-Montano, L., Rosado, M., Ambrocio-Cruz, P., Laval, A., Bomans, D. 1999, "N63A: a Supernova Remnant in a Cloudy Medium," in *New Views of the Magellanic Clouds*, IAU Symposium 190, p.143-144.
46. Williams, R., Chu, Y.-H., Dickel, J., Smith, R.C. 1999, "Supernova Remnants in the Large Magellanic Cloud: A Multiwavelength Study of Energetics and Environments," in *New Views of the Magellanic Clouds*, IAU Symposium 190, 145-146.
47. Points, S., Chu, Y.-H., Gruendl, R., Kim, S., Smith, R.C., Snowden, S., Brandner, W. 1999, "The Kinematic Structure of the Supergiant Shell LMC2," in *New Views of the Magellanic Clouds*, IAU Symposium 190, p.156-157.
48. Scowen, P., Chu, Y.-H., Gruendl, R. 1999, "A High Resolution Optical Summary of the Structure and Dynamics of 30 Doradus," in *New Views of the Magellanic Clouds*, IAU Symposium 190, p.249-250.
49. Chu, Y.-H. 2000, "Morphology and Physical Structure of the Interstellar Medium," in *Toward a New Millennium in Galaxy Morphology*, edited by D.L. Block, I. Puerari, A. Stockton and D. Ferreira (Kluwer, Dordrecht), Ap&SS, 269, p.441-458. **[invited]**
50. Chu, Y.-H., Guerrero, M.A., Gruendl, R.A. 2000, "X-rays from Planetary Nebulae," in *Asymmetrical Planetary Nebulae II: From Origins to Microstructures*, p.419-423. **[invited]**
51. Chu, Y.-H. 2000, "Hot Gas in the Large Magellanic Cloud," *Revista Mexicana de Astronomía y Astrofísica (Conference Series)*, vol. 9, p.262-269. **[invited]**
52. Chu, Y.-H. 2000, "An Observer's View of the Multi-Phase ISM: Interactions and Evolution," in *Stars, Gas and Dust in Galaxies: Exploring the Links*, ASP Conf. Ser. 221, p.31-36. **[invited]**
53. Chu, Y.-H., Chen, C.-H., R., Lai, S.-P. 2001, "Super-luminous Supernova Remnants," in *The Largest Explosions Since the Big Bang: Supernovae and Gamma-Ray Bursts*, 1999 STScI May Symposium, p.131-143. **[invited]**
54. Chu, Y.-H. 2001, "Circumstellar Nebulae in Young Supernova Remnants," in *proceedings of Maryland October Conference, Young Supernova Remnants*, p.409-418. **[invited]**
55. Chu, Y.-H. 2001, "From Wolf-Rayet Stars to Supernovae," in *Interacting Stellar Winds from Massive Stars*, ASP Conf. Ser., p.109-117. **[invited]**
56. Chu, Y.-H. 2002, "High-Energy Astrophysics at the Low-Energy End," in *proceedings of the OCPA 2000 meeting, held at Hong Kong*, p.62-71. **[invited]**
57. Chu, Y.-H., Gruendl, R.A., Guerrero, M.A. 2003, "An Inside Out View of Bubbles," *Revista Mexicana de Astronomía y Astrofísica (Conference Series)*, p.62-67. **[invited]**
58. Chu, Y.-H. 2003, "Ring Nebulae around Massive Stars throughout the HR Diagram," in *IAU Symposium 212, A Massive Star Odyssey: From Main Sequence to Supernova*, eds. K. A. van der Hucht, A. Herrero, & C. Esteban, p.585-596. **[invited]**
59. Guerrero, M.A., Chu, Y.-H. 2003, "An X-ray survey of Wolf-Rayet stars in the Magellanic Clouds," in *IAU Symposium 212, A Massive Star Odyssey: From Main Sequence to Supernova*, eds. K. A. van der Hucht, A. Herrero, & C. Esteban, p.718-719.

60. Chu, Y.-H., Guerrero, M.A., Gruendl, R.A. 2003, "X-ray and UV Views of Hot Gas in Planetary Nebulae," in IAU Symposium 209, Planetary Nebulae: Their Evolution and Role in the Universe, eds. S. Kwok, M. Dopita, and R. Sutherland, p.415-423. [invited]
61. Guerrero, M.A., Gruendl, R.A., Chu, Y.-H. 2003, "XMM-Newton Detectinof Extended X-ray Emission from the Saturn Nebula," in IAU Symposium 209, Planetary Nebulae: Their Evolution and Role in the Universe, eds. S. Kwok, M. Dopita, and R. Sutherland, p.427-428.
62. Chu, Y.-H., Gruendl, R.A., Guerrero, M.A. 2004, "Hot Gas in Planetary Nebulae," in Asymmetrical Planetary Nebulae III, eds. Meixner, Kastner, Soker, & Balick (ASP Conf. Series), p.254-258. [invited]
63. Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2004, "X-ray Observations of Planetary Nebulae," in Asymmetrical Planetary Nebulae III, eds. Meixner, Kastner, Soker, & Balick (ASP Conf. Series), p.259-264. [invited]
64. Chu, Y.-H., Guerrero, M.A., Gruendl, R.A. 2004, "Bubbles and Superbubbles," in How Does the Galaxy Work? A Galactic Tertulia with Don Cox and Ron Reynolds, eds. Alfaro, Perez & Franco, p.165-172. [invited]
65. Chen, C.-H.R., Wang, S., Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2004, "Chandra Archive of Nearby Galaxies. I. Normal Galaxies," in the proceedings of How Does the Galaxy Work? A Galactic Tertulia with Don Cox and Ron Reynolds, eds Alfaro, Perez & Franco, p.186.
66. Wang, S., Chen, C.-H.R., Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2004, "Chandra Archive of Nearby Galaxies. II. Galaxies with Nuclear Activity," in the proceedings of How Does the Galaxy Work? A Galactic Tertulia with Don Cox and Ron Reynolds, eds Alfaro, Perez & Franco, p.189.
67. Chu, Y.-H. 2005, "Quantifying Stellar Energy Feedback," in Extra-planar Gas, ed. R. Braun (ASP Conf. Series), 331, p.297-304. [invited]
68. Guerrero, M.A., Chu, Y.-H. 2005, "X-ray survey of Wolf-Rayet stars in the Magellanic Clouds," Proceedings of Massive Stars and High-Energy Emission in OB Associations, a workshop of the JENAM 2005, Eds. G. Rauw, Y. Nazé, R. Blomme, and E. Gosset, p.13 - 20.
69. Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2005, "X-ray Observations of Hot Gas in Planetary Nebulae," Memorie della Societa Astronomica Italiana, v.76, p.449-456.
70. Guerrero, M.A., Chu, Y.-H., Gruendl, R.A. 2006, "The X-ray Planetary Nebulae Database," in the proceedings of The X-ray Universe 2005, ESA SP-604, p.85-86.
71. Chu, Y.-H., Gruendl, R.A., Guerrero, M.A. 2006, "Hot Gas in Wind-Blown Bubbles," in the proceedings of The X-ray Universe 2005, ESA SP-604, p.363-364.
72. Williams, R.N.M., Chu, Y.-H., Chen, C.-H., Gruendl, R.A., et al. 2006, "High-Resolution X-ray Studies of Magellanic Cloud Supernova Remnants," in the proceedings of The X-ray Universe 2005, ESA SP-604, p.375-376.
73. Chu, Y.-H., Gruendl, R.A., Guerrero, M.A., Su, K.Y.-L. 2007, "Hard X-ray and Infrared Emission from Apparently Single White Dwarfs," in the proceedings of the 15th European White Dwarf Workshop, p.337-342.
74. Chu, Y.-H., Gruendl, R.A., Yang, C.-C. 2007, "Star Formation in the LMC: Gravitational Instability and Dynamical Triggering," IAU Symp 237, Triggered Star Formation in a Turbulent Medium, p.192-198.

75. Chu, Y.-H. 2008, "Bubbles and Superbubbles: Observations and Theory," IAU Symp 250, Massive Stars as Cosmic Engines, p.341-354. **[invited]**
76. Chu, Y.-H., & Gruendl, R.A. 2008, "Were All Massive Stars Born in OB Associations and Clusters?," in ASP Conf. Series. 387, "Massive Star Formation: Observations Confront Theory," p.415-422.
77. Chu, Y.-H. 2009, "The Violent Interstellar Medium of the Magellanic Cloud System," in IAU Symp 256, The Magellanic System: Stars, Gas, and Galaxies, p.166-177. **[invited]**
78. Hamaguchi, K., Corcoran, M. F., Ezoe, Y., Townsley, L., Broos, P., Gruendl, R. A., Vaidya, K., White, S. M., Strohmayer, T., Petre, R., Chu, Y.-H. 2010, "A Smoking Gun in the Carina Nebula," American Institute of Physics Conference Series, 1248, p.17-18.
79. Chu, Y.-H., Gruendl, R.A., Bilikova, J., Riddle, A., & Su, K.Y.-L. 2010. "Spitzer Surveys of IR Excesses of White Dwarfs," in the 17th European White Dwarf Workshop Proceedings, American Institute of Physics Conference Series, p.461-466.
80. Bilikova, J., Chu, Y.-H., Su, K., Gruendl, R.A., & Rauch, T. 2010, "Spectral Analysis of Mid-IR Excesses of WDs," in the 17th European White Dwarf Workshop Proceedings, American Institute of Physics Conference Series, 1273, p.467-472.
81. Bilikova, J., Chu, Y.-H., Gruendl, R.A., & Maddox, L. 2010, "Hard X-ray emission associated with WDs," in the 17th European White Dwarf Workshop Proceedings, American Institute of Physics Conference Series, 1273, p.109-112.
82. Chen, C.-H. R., Indebetouw, R., Seale, J. P., Looney, L. W., Chu, Y.-H., Gruendl, R. A., & Whitney, B. A. 2011, "Physical Properties and Evolutionary Stages of Massive Young Stellar Objects in the Large Magellanic Cloud," in the Multi-wavelength View of Hot, Massive Stars conference proceedings, Bulletin de la Societe Royale des Sciences de Liege, 80, p.229-234.
83. Chu, Y.-H., & Gruendl, R.A. 2011, "Feedback from Massive YSOs and Massive Stars," in the Multi-wavelength View of Hot, Massive Stars conference proceedings, Bulletin de la Societe Royale des Sciences de Liege, 80, p.297-309. **[invited]**
84. Bilíková, J., Chu, Y.-H., Su, K., Gruendl, R. A., & Rauch, T. 2011, "Spectral Analysis of Mid-IR Excesses of White Dwarfs," in the Planetary Systems beyond the Main Sequence Workshop, American Institute of Physics Conference Series, 1331, p.215-221.
85. Chu, Y.-H., Gruendl, R.A., Bilikova, J., Riddle, A., & Su, K.Y.-L. 2011, "Spitzer Surveys of Infrared Excesses of White Dwarfs," in the Planetary Systems beyond the Main Sequence Workshop, American Institute of Physics Conference Series, 1331, p.230-237.
86. Chu, Y.-H. 2011, "Planetary Nebulae around White Dwarfs: Revelations from the Infrared," in White Dwarf Atmospheres and Circumstellar Environments, ed. D.W. Hoard, ISBN: 978-3-527-41031-6, Wiley, p.203-216. **[invited]**
87. Chu, Y.-H., Kwok, S., Millar, T.J., et al. 2012, "Division VI: Interstellar Matter," Transactions of the International Union, Series B, 28, p.227-235.
88. Manchado, A., Barlow, M., Chu, Y.-H., Corradi, R., et al. 2012, "Division VI / Commission 24 / Working Group Planetary Nebulae," Transactions of the International Union, Series B, 28, p.240-242.
89. Chu, Y.-H. 2012, "Spitzer Observations of Planetary Nebulae," IAU Symposium 283, Planetary Nebulae: An Eye to the Future, p.21-28. **[invited]**

90. Bilikova, J., Chu, Y.-H., Su, K.Y.L., Gruendl, R. 2012, "Spectral analysis of mid-IR excesses of central stars of planetary nebulae," IAU Symposium 283, Planetary Nebulae: An Eye to the Future, p.310-311.
91. Guerrero, M.A., Chu, Y.-H., Hamann, W.-R., Oskinova, L., Schönberner, D., Todt, H., Steffen, M., Ruiz, N., Gruendl, R.A., Blair, W.P. 2012, "Ablation and Wind Mass-Loading in the Born-Again Planetary Nebula A 30," IAU Symposium 283, Planetary Nebulae: An Eye to the Future, p.378-379.
92. Montez, R., Kastner, J.H., Balick, B., Behar, E., Blackman, E., Bujarrabal, V., Chu, Y.-H., Corradi, R., De Marco, O., Frank, A., and 16 coauthors. 2012, "Early results from ChanPLaNS: Mystery of hard X-ray emitting CSPNe," IAU Symposium 283, Planetary Nebulae: An Eye to the Future, p.450-451.
93. Oskinova, L.M., Guerrero, M.A., Hénault-Brunet, V., Sun, W., Chu, Y.-H., Evans, C., Gallagher, J.S., Gruendl, R.A., Reyes-Iturbide, J. 2013, "The slow X-ray pulsar SXP 1062 and associated supernova remnant in the Wing of the Small Magellanic Cloud," IAU Symposium 291, Neutron Stars and Pulsars: Challenges and Opportunities after 80 years, p.459-461.
94. Stephens, I.W., Looney, L.W., Indebetouw, R., Chu, Y.-H., Gruendl, R.A., Chen, C.-H.R., Seale, J.P., Evans, J.M. 2013, "Evolution of HII Regions around Massive YSOs," IAU Symposium 292, Molecular Gas, Dust, and Star Formation in Galaxies, p.56.
95. Evans, J.M., Chu, Y.-H. 2013, "Anatomy of Starbursts in Extragalactic Giant HII Regions: M51 Case Study," IAU Symposium 292, Molecular Gas, Dust, and Star Formation in Galaxies, p.329.
96. Toalá, J. A., Guerrero, M. A., Chu, Y.-H., Gruendl, R. A., Arthur, S. J., Smith, R. C., Snowden, S. L. 2013, "X-ray Emission from Wolf-Rayet Nebulae," Highlights of Spanish Astrophysics VII, Proceedings of the X Scientific Meeting of the Spanish Astronomical Society, pp.674-674
97. Guerrero, M., Fang, X., Arthur, J. S., Blair, W. P., Chu, Y.-H., Gruendl, R. A., Hamann, W. R., Oskinova, L., Ruiz, N., Toalá, J. A., Todt, H. 2014, "Witnessing the Expansion of Born-Again Planetary Nebulae," Asymmetrical Planetary Nebulae VI, p.35.
98. Ueta, T., Ladjal, D., Exter, K. M., Otsuka, M., Szczerba, R., Siódmiak, N., Aleman, I., van Hoof, P. A. M., Kastner, J. H., Montez, R., McDonald, I., Wittkowski, M., Ramstedt, S., De Marco, O., Villaver, E., Chu, Y.-H., Sandin, C., Vlemmings, W., Izumiura, H., Sahai, R., Lopez, J. A., Balick, B., Zijlstra, A., Tielens, A. G. G. M., Rattray, R. E., Behar, E., Blackman, E. G., Hebden, K., Hora, J. L., Murakawa, K., Nordhaus, J., Nordon, R., Yamamura, I. 2014, "Herschel Planetary Nebula Survey (HerPlaNS)," Asymmetrical Planetary Nebulae VI, p.106.
99. Chu, Y.-H. 2015, "Young Stellar Objects in the Large Magellanic Cloud," in Fifty Years of Wide Field Studies in the Southern Hemisphere: Resolved Stellar Populations of the Galactic Bulge and Magellanic Clouds. ASP Conference Series, Vol. 491, pp.297-306. **[Invited]**
100. Toalá, J. A., Guerrero, M. A., Chu, Y.-H., Arthur, S. J., Gruendl, R. A. 2015, "Diffuse X-ray Emission within Wolf-Rayet Nebulae," Proceedings of the Workshop Wolf-Rayet Stars, pp.333-336.
101. Todt, H., Guerrero, M.A., Fang, X., Toalá, J.A., Arthur, J.S., Blair, W.P., Chu, Y.-H., Gruendl, R.A., Hamann, W.-R., Marquez-Lugo, R.A., Oskinova, L., Ruiz, N., Steffen, M., Schoenberner, D. 2015, "The Born-again Planetary Nebulae Abell 30 and Abell 78," in 19th European Workshop on White Dwarfs. ASP Conference Series, Vol. 493, pp.141-144.

102. Chu, Y.-H. 2016 “Wolf-Rayet Nebulae,” in the 11th Pacific Rim Conference on Stellar Astrophysics: Physics and Chemistry of the Late Stages of Stellar Evolution, Journal of Physics: Conference Series, Vol. 728, Issue 3, article id. 032007. **[Invited]**
103. Kwok, S., Koo, B.-C., Chu, Y.-H., Breitschwerdt, D., et al. 2016, “Report,” Transactions of the International Astronomical Union, Series A, 29, pp.500-501.
104. Guerrero, M.A., Fang, X., Chu, Y.-H., Toalá, J.A.; Gruendl, R.A. 2017, “Revealing the Location of the Mixing Layer in a Hot Bubble,” Highlights on Spanish Astrophysics IX, Proceedings of the XII Scientific Meeting of the Spanish Astronomical Society, pp.389-393.
105. Guerrero, M.A., Fang, X., Chu, Y.-H., Toalá, J.A.; Gruendl, R.A. 2017, “Revealing the Location of the Mixing Layer in a Hot Bubble,” IAU Symposium 323, Planetary Nebulae: Multi-Wavelength Probes of Stellar and Galactic Evolution, pp.114-118.
106. Otsuka, M., Ueta, T., Chu, Y.-H., Asano, K., & HerPLaNS Consortium 2017, “Herschel Planetary Nebula Survey (HerPLaNS): Construction of a Detailed Dusty Photoionization Model of NGC6781,” IAU Symposium 323, Planetary Nebulae: Multi-Wavelength Probes of Stellar and Galactic Evolution, pp.348-349.
107. Chu, Y.-H. 2017 “CSI in Supernova Remnants,” IAU Symposium 331, Supernova 1987A:30 years later - Cosmic Rays and Nuclei from Supernovae and their aftermaths, pp.81-85. **[Invited]**
108. Gouliermis, D. A., Stephens, I. W., Looney, L. W., ... Chu, Y.-H., et al. 2018, “Isolated massive star formation . Myth or reality?” *Memorie della Societa Astronomica Italiana*, 89, p.57
109. Lehner, M. J., Wang, S.-Y., Reyes-Ruíz, M., ..., Chu, Y.-H., et al. 2018, “Status of the Transneptunian Automated Occultation Survey (TAOS II),” *Ground-based and Airborne Telescopes VII*, 10700, 107004V, 8pp.
110. Tamura, N., Takato, N., Shimono, A., ..., Chu, Y.-H., et al. 2018, “Prime Focus Spectrograph (PFS) for the Subaru telescope: ongoing integration and future plans,” *Ground-based and Airborne Instrumentation for Astronomy VII*, 10702, 107021C,12pp.
111. Huang, Y.-D., Morata, O., Koch, P. M., ..., Chu, Y.-H., et al. 2018, “Performance of pre-production band 1 receiver for the Atacama Large Millimeter/submillimeter Array (ALMA),” *Millimeter, Submillimeter, and Far-Infrared Detectors and Instrumentation for Astronomy IX*, 10708, 1070833, 8pp.

C. Books

1. *New Views of the Magellanic Clouds*, IAU Symposium 190, Eds. Y.-H. Chu, N.B. Suntzeff, J.E. Hesser, D.A. Bohlender (1999)

D. Bulletins or Reports

1. Chu, Y.-H. 1987, “Supernova 1987A in the Large Magellanic Cloud,” I.A.U. Circular, No. 4322.

CONFERENCE TALKS AND COLLOQUIA SINCE 2006

1. “Star Formation in the Large Magellanic Cloud,” Overseas Chinese Physicists Association meeting, held at Taipei, Taiwan, June 27-30, 2006 [**Invited**]
2. “Hard X-ray and Infrared Emission from Apparently Single White Dwarfs,” The 15th European White Dwarf Workshop, held at Leicester, UK, August 7-11, 2006
3. “Star Formation in the LMC: Gravitational Instability and Dynamical Triggering,” IAU Symposium 237, Triggered Star Formation in a Turbulent Medium, held at Prague, August 14-18, 2006 [**Invited Review**]
4. “Circumstellar Nebulae around Evolved Massive Stars,” Circumstellar Media and Late Stages of Massive Stellar Evolution workshop, held at Ensenada, Mexico, September 4-8, 2006 [**Invited Review**]
5. “From Mass Loss of Massive Stars to Circumstellar Matter of Supernovae,” Massive Stars: Fundamental Parameters and Circumstellar Interactions workshop, held at Carilo, Argentina, December 11-14, 2006 [**Invited Review**]
6. “Comets around the Central Star of the Helix Nebula,” Colloquium at the Institute of Astronomy and Astrophysics, Academia Sinica, Taipei, Taiwan, March 21, 2007
7. “Mature and Aging Planetary Nebulae,” Microstructures in the Interstellar Medium meeting, held at Lake Geneva, WI, April 22-24, 2007 [**Invited**]
8. “Were All Massive Stars Born in OB Associations and Clusters?,” Massive Star Formation: Observations Confront Theory, held at Heidelberg, Germany, September 10-14, 2007
9. “Massive Star Formation in the Large Magellanic Cloud,” Seminar given to the Astrophysics group, University of Nagoya, at Nagoya, Japan, November 22, 2007
10. “Formation and Feedback of Massive Stars in the LMC,” The evolving ISM in the Milky Way and Nearby Galaxies, 4th Spitzer Science Center Conference, held at Pasadena, CA, December 2-5, 2007
11. “Bubbles and Superbubbles: Observations and Theory,” Massive Stars as Cosmic Engines, IAU Symposium 250, held at Kauai, Hawaii, December 10-14, 2007 [**Invited Review**]
12. “Observations of ISM Bubbles in the Galaxy and Beyond,” The Local Bubble and Beyond II, held at Philadelphia, PA on April 21-24, 2008 [**Invited Review**]
13. “Bubbles and Superbubbles,” Colloquium, Physics Dept, National Tsing-Hua University, Hsin-Chu, Taiwan, May 28, 2008
14. “Global and Local Views of Star Formation,” Colloquium, Institute of Astronomy and Astrophysics, National Central University, Jhongli, Taiwan; May 29, 2008
15. “Comets Prancing Around Dying Stars?” Annual meeting of the Chinese Astronomical Society, Taiwan, held at Hua-Lien, Taiwan; May 31, 2008 [**Invited Plenary Talk**]
16. “The Violent Interstellar Medium of the Magellanic System,” The Magellanic System: Stars, Gas, and Galaxies, IAU Symposium 256, held at Keele, UK, July 28 - Aug 1, 2008 [**Invited Review**]
17. “Where and How Are Massive Stars Formed in Isolation?” Hot Massive Star, a Lifetime of Influence, held at Flagstaff, AZ, October 12-15, 2008

18. "Hard X-ray and Mid-IR Emission from Single White Dwarfs," Astronomy Colloquium, Michigan State University, November 2008
19. "Debris Disks around Hot White Dwarfs," Astronomy Colloquium, University of Minnesota, March 2009
20. "Bubbles and Superbubbles," PANDA Symposium on Products of Astrophysical Outflows, held at Lijiang, China, March 30 - April 3, 2009 [**Invited Tutorial Lecture**]
21. "Debris Disks around Hot White Dwarfs," Astronomy Seminar, Hong Kong University, April 2009
22. "Spitzer View of Massive Star Formation in the Large Magellanic Cloud," Astronomy Colloquium, University of Chile, Santiago, Chile; November 2009
23. "Spitzer View of Massive Star Formation in the Large Magellanic Cloud," Astronomy Colloquium, Nanjing University, Nanjing, China; December 2009
24. "Debris Disks around Hot White Dwarfs," Astronomy Colloquium, Peking University, Beijing, China; December 2009
25. "Massive Star Formation in the Large Magellanic Cloud," NOAO 50th Year Anniversary Workshop "From First Light to Newborn Stars", May 2010 [**Invited**]
26. "How to Give Good Talks," Astronomy Seminar, Institute of Astronomy and Astrophysics, Academia Sinica, Taiwan, March 2010
27. "Feedback from Massive YSOs and Massive Stars," in the Multi-wavelength View of Hot, Massive Stars conference, held in Liege, Belgium, July 2010 [**Invited**]
28. "Spitzer Surveys of IR Excesses of White Dwarfs," the 17th European White Dwarf Workshop, held in Tuebingen, Germany, August 2010
29. "Spitzer Surveys of Infrared Excesses of White Dwarfs," the Planetary Systems beyond the Main Sequence Workshop, held in Bamberg, Germany, August 2010
30. "HST Views of Extragalactic Supernova Remnants and Giant HII Regions," Astronomy Colloquium, National Tsing Hua University, Taiwan, March 18, 2011
31. "Interplay Between Massive Stars and Gas in Galaxies," Public Talk, Joliet Junior College, Illinois, April 18, 2011
32. "Spitzer Observations of Planetary Nebulae," IAU Symposium 283, Planetary Nebulae: An Eye to the Future, July 2011 [**Invited Review**]
33. "Planetary Systems around White Dwarfs," Colloquium at Institute of Advanced Study, Princeton, September 2011
34. "An Observer's View of Energy Feedback," Colloquium at Max Planck Institute for Astronomy, Heidelberg, Germany, June 2012
35. "Supernova Remnants in Distant Galaxies," Colloquium at Max Planck Institute for Radio Astronomy, Bonn, Germany, June 2012
36. "Supernova Remnants in Distant Galaxies," Colloquium at University of Liege, Liege, Belgium, July 2012
37. "Young Stellar Objects in 30 Doradus," 30 Doradus The Starburst Next Door Workshop, Baltimore, MD, September 2012 [**Invited**]

38. “Supernova Remnants in Distant Galaxies,” Colloquium at Institute of Astronomy and Astrophysics, Academia Sinica, October 2012
39. “Supernova Remnants in Distant Galaxies,” Colloquium in Astronomy Department, Indiana University, November 2012
40. “Extragalactic Type Ia Supernova Remnants,” Colloquium in Astronomy Department, University of Illinois, January 2013
41. “Intermittent Structures in the ISM: Superbubbles and Supergiant Shells,” ISSI Workshop on Multi-Scale Structure Formation and Dynamics in Cosmic Plasmas, Bern, Switzerland, April 2013 **[Invited]**
42. “Young Stellar Objects in the Large Magellanic Cloud,” Fifty Years of Wide Field Studies in the Southern Hemisphere: Resolved Stellar Populations in the Galactic Bulge and the Magellanic Clouds, La Serena, Chile, May 2013 **[Invited]**
43. “Bubbles, Superbubbles, and Supergiant Shells,” Galactic Winds Near and Far Workshop, Schloss Ringberg, Germany, June 2013 **[Invited]**
44. “Spatial and Spectral Modeling of the Gamma-Ray Distribution in the Large Magellanic Cloud,” Fermi Asian Network Workshop, Yi-Lan, Taiwan, July 2014 **[Invited]**
45. “Type Ia Supernova Remnants in the Large Magellanic Cloud,” Supernovae in the Local Universe, Coffs Harbour, Australia, August 2014
46. “Thermal Conduction in Bubbles,” Colloquium in Physics Department, National Cheng Kung University, November 2014
47. “Bubbles Big and Small: Impact on Galaxy Evolution,” East Asia Young Astronomer Meeting, Taipei, Taiwan, February 2015 **[Invited]**
48. “Taiwan Shines in International Arena Gloriously in Radio Astronomy,” NTU/MoST Prospect Lecture Series, May 2015, **[Invited]**
49. “Bubbles Star Blow,” President Chu Jia-Hua Lecture Series, Academia Sinica, Taipei, Taiwan, May 2015 **[Invited]**
50. “Bubbles,” McCray Symposium, Bern, Switzerland, June 2015 **[Invited]**
51. “Wolf-Rayet Nebulae,” the 11th Pacific Rim Conference on Stellar Astrophysics: Physics and Chemistry of the Late Stages of Stellar Evolution, Hong Kong, December 2015 **[Invited]**
52. “Institute of Astronomy and Astrophysics, Academia Sinica,” Physical Society of the Republic of China 2016 meeting, National Sun Yat-sen University, Kaohsiung, Taiwan, January 2016 **[Invited]**
53. “Type Ia Supernova Remnant N103B,” Colloquium in the Institute of Astronomy, National Central University, Jhong-Li, Taiwan, September 2016
54. “CSI in Supernova Remnants,” IAU Symposium 331, SN1987A, 30 Years Later, Saint Gilles, La Reunion Island, France, February 2017 **[Invited]**
55. “CSI in Type Ia Supernova Remnants,” Colloquium at National Taiwan Normal University, Taipei, November 2018
56. “Multi-Wavelength View of Stellar Energy Feedback,” Taiwan Physical Society, Plenary Talk, NCTU, Hsin-Chu, January 2019 **[Invited]**
57. “Type Ia Supernova Remnants,” Los Alamos National Lab, New Mexico, USA, May 2019