

Todd J. Henry

Education

- 1991 **Ph.D. in Astronomy**
University of Arizona, Tucson, AZ
Graduate Advisor: Donald W. McCarthy, Jr.
- 1986 **B.A. in Physics/Planetary Sciences**
Cornell University, Ithaca, NY
Twice Recipient of the Cornell Tradition Fellowship
Undergraduate Advisors: W. Reid Thompson & Carl Sagan

Professional History

- 2013 **Distinguished University Professor of Astronomy**
Georgia State University, Atlanta, GA
- 2006 **Professor of Astronomy**
Georgia State University, Atlanta, GA
- 2000 **Associate Professor of Astronomy**
Georgia State University, Atlanta GA
- 1999 **Project Scientist for NASA's Nearby Stars Project**
Johns Hopkins University, Baltimore, MD
- 1997 **Research Astronomer**
Harvard-Smithsonian Center for Astrophysics, Cambridge, MA
- 1994 **Hubble Fellow**
Space Telescope Science Institute, Baltimore, MD
- 1991 **Postdoctoral Fellow with SETI Project Phoenix**
Space Telescope Science Institute, Baltimore, MD

Awards

- 2021 Alumni Distinguished Professorship Award
- 2020 Legacy Fellow of the American Astronomical Society (Inaugural Class)
- 2018 College of Arts & Sciences Outstanding Undergraduate Mentor
- 2018 Inaugural Physics Colloquium Speaker, High Point University, NC
- 2012 Carl R. Nave Award for Outstanding Educator in Physics & Astronomy
- 2007 Scottish University Physics Alliance Distinguished Visitor

Refereed Journal Publications

147. Jao, W.C., Couperus, A.A., Vrijmoet, E.H., Wright, N.J., & **Henry, T.J.** 2022, *Estimating the Convective Turnover Time*, ApJ, 940, 145
146. Lester, K.V. Schaefer, G.H., Fekel, F.C., Gies, D.R., **Henry, T.J.**, Jao, W.-C., Paredes, L.A., Hubbard-James, H.-S., Farrington, C.D., Gordon, K.D. et al. 2022, *Visual Orbits of Spectroscopic Binaries with the CHARA Array. IV. HD 61859, HD 89822, HD 109510, and HD 191692*, AJ, 164, 228
145. Hubbard-James, H.-S., Lesley, D.X., **Henry, T.J.**, Paredes, L.A., & Nisak, A.H. 2022, *The Solar Neighborhood L: Spectroscopic Discovery of K Dwarfs Younger Than 1 Gyr and New Binaries within 30 pc*, AJ, 164, 174
144. Nisak, A.H., White, R.J., Yep, A., **Henry, T.J.**, Paredes, L.A., James, H.-S., & Jao, W.-C. 2022, *Mapping Out the Stellar Populations of IC 2602 and IC 2391*, AJ, 163, 278
143. Salama, M., Ziegler, C., Baranec, C., Liu, M.C., Law, N.M., Riddle, R., **Henry, T.J.**, Winters, J.G., Jao, W.-C., Ou, J., & Ruiz, A.H. 2022, *An Adaptive Optics Census of Companions to Northern Stars Within 25 pc with Robo-AO*, AJ, 163, 200
142. Vrijmoet, E.H., Tokovinin, A., **Henry, T.J.**, Winters, J.G., Horch, E., & Jao, W.-C. 2022, *The Solar Neighborhood XLIX: New Discoveries and Orbits of M Dwarf Multiples with Speckle Interferometry at SOAR*, AJ, 163, 178
141. Silverstein, M.L., Schlieder, J.E., Barclay, T., Hord, B.J., Jao, W.-C., Vrijmoet, E.H., **Henry, T.J.**, Cloutier, R., Kostov, V.B., Kruse, E., et al. 2022, *The LHS 1678 System: Two Earth-sized Transiting Planets and an Astrometric Companion Orbiting an M Dwarf Near the Convective Boundary at 20 pc*, AJ, 163, 151
140. Paredes, L.A., **Henry, T.J.**, Quinn, S.N., Gies, D.R., Hinojosa-Goñi, R., James, H.-S., Jao, W.-C., & White, R.J. 2021, *The Solar Neighborhood XLVIII: Nine Giant Planets Orbiting Nearby K Dwarfs, and the CHIRON Spectrograph's Radial Velocity Performance*, AJ, 162, 176
139. Tokovinin, A., Mason, B.D., Mendez, R.A., Costa, E., Mann, A.W., & **Henry, T.J.** 2021, *Speckle Interferometry at SOAR in 2020*, AJ, 162, 41
138. Horch, E.P., Broderick, K.G., Casetti-Dinescu, D.I., **Henry, T.J.**, Fekel, F.C., Muterspaugh, M.W., Willmarth, D.W., Winters, J.G., van Belle, G.T., Clark, C.A., & Everett, M.E. 2021, *Observations with the Differential Speckle Survey Instrument X. Preliminary Orbits of K Dwarf Binaries and Other Stars*, AJ, 161, 295
137. Dieterich, S.B., Simler, A., **Henry, T.J.**, & Jao, W.-C. 2021, *The Solar Neighborhood XLVII: Comparing M Dwarf Models with Hubble Space Telescope Dynamical Masses and Spectroscopy*, AJ, 161, 172
136. Winters, J.G., Charbonneau, D., **Henry, T.J.**, Irwin, J.M., Jao, W.-C., Riedel, A.R.,

- & Slatten, K.J. 2021, *The Volume-complete Sample of M Dwarfs with Masses $0.1 \leq M/M_{\odot} \leq 0.3$ within 15 Parsecs*, AJ, 161, 63
135. Davis, A.B., Wang, S., Jones, M., Eastman, J.D., Günther, M.N., Stassun, K.G., Addison, B.C., Collins, K.A., Quinn, S.N., Latham, D.W., et al. 2020, *TOI 564 b and TOI 905 b: Grazing and Fully Transiting Hot Jupiters Discovered by TESS*, AJ, 160, 229
134. Vrijmoet, E.H., **Henry, T.J.**, Jao, W.-C., & Dieterich, S.B. 2020, *The Solar Neighborhood XLVI: Revealing New M Dwarf Binaries and Their Orbital Architectures*, AJ, 160, 215
133. Mireles, I., Shporer, A., Grieves, N., Zhou, G., Günther, M.N., Brahm, R., Ziegler, C., Stassun, K.G., Huang, C.X., Nielsen, L., et al. 2020, *TOI 694b and TIC 220568520b: Two Low-mass Companions near the Hydrogen-burning Mass Limit Orbiting Sun-like Stars*, AJ, 160, 133
132. Gilbert, E.A., Barclay, T., Schlieder, J.E., Quintana, E.V., Hord, B.J., Kostov, V.B., Lopez, E.D., Rowe, J.F., Hoffman, K., Walkowicz, L.M., et al. 2020, *The First Habitable-zone Earth-sized Planet from TESS. I. Validation of the TOI-700 System*, AJ, 160, 116
131. Rodríguez Martínez, R., Gaudi, B.S., Rodríguez, J.E., Zhou, G., Labadie-Bartz, J., Quinn, S.N., Penev, K., Tan, T., Latham, D.W., Paredes, L.A., et al. 2020, *KELT-25 b and KELT-26 b: A Hot Jupiter and a Substellar Companion Transiting Young A Stars Observed by TESS*, AJ, 160, 111
130. Tanner, A., Plavchan, P., Bryden, G., Kennedy, G., Matrá, L., Cronin-Coltsmann, P., Lowrance, P., **Henry, T.J.**, Riaz, B., Gizis, J.E., Riedel, A.R., Choquet, E., et al. 2020, *Herschel Observations of Disks around Late-type Stars*, PASP, 132, 4401
129. Plavchan, P., Barclay, T., Gagné, J., Gao, P., Cale, B., Matzko, W., Dragomir, D., Quinn, S., Feliz, D., Stassun, K., et al. 2020, *A Planet within the Debris Disk Around the Pre-main-sequence Star AU Microscopii*, Nature, 582, 497
128. Horch, E.P., van Belle, G.T., Davidson, J.W., Jr., Willmarth, D., Fekel, F.C., Muterspaugh, M., Casetti-Dinescu, D.I., Hahne, F.W., Granucci, N.M., Clark, C., et al. 2020, *Observations of Binary Stars with the Differential Speckle Survey Instrument. IX. Observations of Known and Suspected Binaries, and a Partial Survey of Be Stars*, AJ, 159, 233
127. Zhou, G., Winn, J.N., Newton, E.R., Quinn, S.N., Rodriguez, J.E., Mann, A.W., Rizzuto, A.C., Vanderburg, A.M., Huang, C.X., Latham, D.W., et al. 2020, *A Well-aligned Orbit for the 45 Myr-old Transiting Neptune DS Tuc Ab*, ApJLett, 892, 21
126. Huang, C.X., Quinn, S.N., Vanderburg, A., Becker, J., Rodriguez, J.E., Pozuelos, F.J., Gandolfi, D., Zhou, G., Mann, A. W., Collins, K.A., et al. 2020, *TESS Spots a Hot Jupiter with an Inner Transiting Neptune*, ApJLett, 892, L7
125. Dorval, P., Talens, G.J.J., Otten, G.P.P.L., Brahm, R., Jordán, A., Torres, P., Vanzi, L., Zapata, A., **Henry, T.J.**, Paredes, L.A., et al. 2020, *MASCARA-4 b/bRing-1 b: A*

124. Winters, J.G., Medina, A.A., Irwin, J.M., Charbonneau, D., Astudillo-Defru, N., Horch, E.P., Eastman, J.D., Vrijmoet, E.H., **Henry, T.J.**, Diamond-Lowe, H., et al. 2019, *Three Red Suns in the Sky: A Transiting, Terrestrial Planet in a Triple M-dwarf System at 6.9 pc*, AJ, 158, 152
123. Winters, J.G., **Henry, T.J.**, Jao, W.-C., Subasavage, J.P., Chatelain, J.P., Slatten, K.J., Riedel, A.R., Silverstein, M.L., & Payne, M.J. 2019, *The Solar Neighborhood XLV: The Stellar Multiplicity Rate of M Dwarfs Within 25 pc*, AJ, 157, 216
122. Jones, M.I., Brahm, R., Espinoza, N., Wang, S., Shporer, A., Henning, T., Jordan, A., Sarkis, P., Paredes, L.A., James, H.S., et al. 2019, *HD 2685 b: A Hot Jupiter Orbiting an Early F-type Star Detected by TESS*, A&A, 625, 163
121. Vanderspek, R., Huang, C.X., Vanderburg, A., Ricker, G.R., Latham, D.W., Seager, S., Winn, J.N., Jenkins, J.M., Burt, J., Dittmann, J., et al. 2019, *TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844*, ApJLett, 871, L24
120. Horch, E.P., Tokovinin, A., Weiss, S.A., Lobb, J., Casetti-Dinescu, D.I., Granucci, N.M., Hess, N.M., Everett, M.E., van Belle, G.T., Winters, J.G., Nusdeo, D.A., **Henry, T.J.**, Howell, S.B., Teske, J.K., Hirsch, L.A., Scott, N.J., Matson, R.A., & Kane, S.R. 2019, *Observations of Binary Stars with the Differential Speckle Survey Instrument VIII: Measures of Metal-poor and Triple Stars from 2015 to 2018*, AJ, 157, 56
119. Wang, S., Jones, M., Shporer, A., Fulton, B.J., Paredes, L.A., Trifonov, T., Kosakowski, D., Eastman, J., Redfield, S., Gunther, M.N., et al. 2019, *HD 202772A b: A Transiting Hot Jupiter around a Bright, Mildly Evolved Star in a Visual Binary Discovered by TESS*, AJ, 157, 51W
118. Dieterich, S.B., Weinberger, A.J., Boss, A.P., **Henry, T.J.**, Jao, W.-C., Gagne, J., Astraatmadja, T.L., Thompson, M.A., & Anglada-Escude, G. 2018, *Dynamical Masses of ϵ Indi B and C: Two Massive Brown Dwarfs at the Edge of the Stellar-substellar Boundary*, ApJ, 865, 28
117. Riedel, A.R., Silverstein, M.L., **Henry, T.J.**, Jao, W.-C., Winters, J.G., Subasavage, J.P., Malo, L., & Hambly, N.C. 2018, *The Solar Neighborhood XLIII: Discovery of New Nearby Stars with $\mu \leq 0'.18 \text{ yr}^{-1}$ (TINYMO Sample)*, AJ, 156, 49
116. Jao, W.-C., **Henry, T.J.**, Gies, D.R., & Hambly, N.C. 2018, *A Gap in the Lower Main Sequence Revealed by Gaia Data Release 2*, ApJ, 861, 11
115. **Henry, T.J.**, Jao, W.-C., Winters, J.G., Dieterich, S.B., Finch, C.T., Ianna, P.A., Riedel, A.R., Silverstein, M.L., Subasavage, J.P., & Vrijmoet, E.H. 2018, *The Solar Neighborhood XLIV: RECONS Discoveries within 10 Parsecs*, AJ, 155, 265
114. Mason, B.D., Hartkopf, W.I., Miles, K.N., Subasavage, J.P., Raghavan, D., & **Henry, T.J.** 2018, *Speckle Interferometry of Red Dwarf Stars*, AJ, 155, 215

113. Jao, W.-C., **Henry, T.J.**, Winters, J.G., Subasavage, J. P., Riedel, A.R., Silverstein, M.L., & Ianna, P.A. 2017, *The Solar Neighborhood XLII: Parallax Results from the CTIOPI 0.9 m Program — Identifying New Nearby Subdwarfs Using Tangential Velocities and Locations on the H-R Diagram*, AJ, 154, 191
112. Bartlett, J.L., Lurie, J.C., Riedel, A.R., Ianna, P.A., Jao, W.-C., **Henry, T.J.**, Winters, J.G., Finch, C.T., & Subasavage, J.P. 2017, *The Solar Neighborhood XV: Parallax Results from the CTIOPI 0.9 m Program — New Young Stars Near the Sun*, AJ, 154, 151
111. Clements, T.D., **Henry, T.J.**, Hosey, A.D., Jao, W.-C., Silverstein, M.L., Winters, J.G., Dieterich, S.B., & Riedel, A.R. 2017, *The Solar Neighborhood XLI: A Study of the Wide Main Sequence for M Dwarfs — Long-term Photometric Variability*, AJ, 154, 124
110. Subasavage, J.P., Jao, W.-C., **Henry, T.J.**, Harris, H.C., Dahn, C.C., Bergeron, P., Dufour, P., Dunlap, B.H., Barlow, B.N., Ianna, P.A., Lepine, S., & Margheim, S.J. 2017, *The Solar Neighborhood XXXIX: Parallax Results from the CTIOPI and NOFS Programs: 50 New Members of the 25 Parsec White Dwarf Sample*, AJ, 154, 32
109. Riedel, A.R., Alam, M.K., Rice, E.L., Cruz, K.L., & **Henry, T.J.** 2017, *Young Stars with SALT*, ApJ, 840, 87
108. Horch, E.P., Casetti-Dinescu, D.I., Camarata, M.A., Bidarian, A., van Altena, W.F., Sherry, W.H., Everett, M.E., Howell, S.B., Ciardi, D.R., **Henry, T.J.**, Nusdeo, D.A., & Winters, J.G. 2017, *Observations of Binary Stars with the Differential Speckle Survey Instrument VII: Measures from 2010 September to 2012 February at the WIYN Telescope*, AJ, 153, 212
107. Winters, J.G., Sevrinsky, R.A., Jao, W.-C., **Henry, T.J.**, Riedel, A.R., Subasavage, J.P., Lurie, J.C., Finch, C.T., & Ianna, P.A. 2017, *The Solar Neighborhood XXXVIII: Results from the CTIO/SMARTS 0.9m — Trigonometric Parallaxes for 151 Nearby M Dwarf Systems*, AJ, 153, 14
106. Jao, W.-C., Nelan, E.P., **Henry, T.J.**, Franz, O.G., & Wasserman, L.H. 2016, *Cool Subdwarf Investigations III: Dynamical Masses of Low-metallicity Subdwarfs*, AJ, 152, 153
105. Jao, W.-C., **Henry, T.J.**, Riedel, A.R., Winters, J.G., Slatten, K.J., & Gies, D.R. 2016, *Distance-dependent Offsets between Parallaxes for Nearby Stars and Gaia DR1 Parallaxes*, ApJ, 832, 18
104. Benedict, G.F., **Henry, T.J.**, Franz, O.G., McArthur, B.E., Wasserman, L.H., Jao, W.-C., Cargile, P.A., Dieterich, S.B., Bradley, A.J., Nelan, E.P., & Whipple, A.L. 2016, *The Solar Neighborhood XXXVII: The Mass-Luminosity Relation for Main-sequence M Dwarfs*, AJ, 152, 141
103. Chatelain, J.P., **Henry, T.J.**, French, L.M., Winters, J.G., & Trilling, D.E. 2016, *Photometric Colors of the Brightest Members of the Jupiter L5 Trojan Cloud*, Icarus, 271, 158

102. Gagne, J., Plavchan, P., Gao, P., Anglada-Escude, G., Furlan, E., Davison, C., Tanner, A., **Henry, T.J.**, Riedel, A.R., Brinkworth, C., Latham, D., Bottom, M., White, R., Mills, S., Beichman, C., Johnson, J.A., Ciardi, D.R., Wallace, K., Mennesson, B., von Braun, K., Vasisht, G., Prato, L., Kane, S.R., Mamajek, E.E., Walp, B., Crawford, T.J., Rougeot, R., Geneser, C.S., & Catanzarite, J. 2016, *A High-precision Near-infrared Survey for Radial Velocity Variable Low-mass Stars Using CSHELL and a Methane Gas Cell*, ApJ, 822, 40
101. Hosey, A.D., **Henry, T.J.**, Jao, W.-C., Dieterich, S.B., Winters, J.G., Lurie, J.C., Riedel, A.R., & Subasavage, J.P. 2015, *The Solar Neighborhood XXXVI: The Long-term Photometric Variability of Nearby Red Dwarfs in the VRI Optical Bands*, AJ, 150, 6
100. Horch, E.P., van Altena, W.F., Demarque, P., Howell, S.B., Everett, M.E., Ciardi, D.R., Teske, J.K., **Henry, T.J.**, & Winters, J.G. 2015, *Observations of Binary Stars with the Differential Speckle Survey Instrument V: Toward an Empirical Metal-Poor Mass-Luminosity Relation*, AJ, 149, 151
99. Davison, C.L., White, R.J., **Henry, T.J.**, Riedel, A.R., Jao, W.-C., Bailey, J.I., III, Quinn, S.N., Cantrell, J.R., Subasavage, J.P., & Winters, J.G. 2015, *A 3D Search for Companions to 12 Nearby M Dwarfs*, AJ, 149, 106
98. Aldoretta, E.J., Caballero-Nieves, S.M., Gies, D.R., Nelan, E.P., Wallace, D.J., Hartkopf, W.I., **Henry, T.J.**, Jao, W.-C., Maiz Apellaniz, J., Mason, B.D., Moffat, A.F.J., Norris, R.P., Richardson, N.D., & Williams, S.J. 2015, *The Multiplicity of Massive Stars: A High Angular Resolution Survey With the HST Fine Guidance Sensor*, AJ, 149, 26
97. Winters, J.G., **Henry, T.J.**, Lurie, J.C., Hambly, N.C., Jao, W.-C., Bartlett, J.L., Boyd, M.R., Dieterich, S.B., Finch, C.T., Hosey, A.D., Ianna, P.A., Riedel, A.R., Slatten, K.J., & Subasavage, J.P. 2015, *The Solar Neighborhood XXXV: Distances to 1404 M Dwarf Systems within 25 pc in the Southern Sky*, AJ, 149, 5
96. Finch, C.T., Zacharias, N., Subasavage, J.P., **Henry, T.J.**, & Riedel, A.R. 2014, *UCAC4 Nearby Star Survey: A Search for Our Stellar Neighbors*, AJ, 148, 119
95. Lurie, J.C., **Henry, T.J.**, Jao, W.-C., Quinn, S.N., Winters, J.G., Ianna, P.A., Koerner, D.W., Riedel, A.R., & Subasavage, J.P. 2014, *The Solar Neighborhood XXXIV: A Search for Planets Orbiting Nearby M Dwarfs Using Astrometry*, AJ, 148, 91
94. Dieterich, S.B., **Henry, T.J.**, Jao, W.-C., Winters, J.G., Hosey, A.D., Riedel, A.R., & Subasavage, J.P. 2014, *The Solar Neighborhood XXXII: The Hydrogen Burning Limit*, AJ, 147, 94
93. Riedel, A.R., Finch, C.T., **Henry, T.J.**, et al. 2014, *The Solar Neighborhood XXXIII: Parallax Results from the CTIOPI 0.9m Program — Trigonometric Parallaxes of Nearby Low-Mass Active and Young Systems*, AJ, 147, 85
92. Davison, C.L., White, R.J., Jao, W.-C., **Henry, T.J.**, Bailey, J.I., Quinn, S.N., Cantrell, J.R., Riedel, A.R., Subasavage, J.P., Winters, J.G., & Crockett, C.J. 2014, *The Closest M Dwarf Quadruple System to the Sun*, AJ, 147, 26

91. Jao, W.-C., **Henry, T.J.**, Subasavage, J.P., Winters, J.G., Gies, D.R., Riedel, A.R., & Ianna, P.A. 2014, *The Solar Neighborhood XXXI: Discovery of an Unusual Red+White Dwarf Binary at ~ 25 pc via Astrometry and UV Imaging*, AJ, 147, 21
90. Mamajek, E.E., Bartlett, J.L., Seifahrt, A., **Henry, T.J.**, Dieterich, S.B., Lurie, J.C., Kenworthy, M.A., Jao, W.-C., Riedel, A.R., Subasavage, J.P., Winters, J.G., Finch, C.T., Ianna, P.A., & Bean, J.L. 2013, *The Solar Neighborhood XXX: Fomalhaut C*, AJ, 146, 154
89. Cantrell, J.R., **Henry, T.J.**, & White, R.J. 2013, *The Solar Neighborhood XXIX: The Habitable Real Estate of Our Nearest Stellar Neighbors*, AJ, 146, 99
88. Metcalfe, T.S., Buccino, A.P., Brown, B.P., Mathur, S., Soderblom, D.R., **Henry, T.J.**, Mauas, P.J.D., Petrucci, R., Hall, J.C., & Basu, S. 2013, *Magnetic Activity Cycles in the Exoplanet Host Star epsilon Eridani*, ApJ, 763, 26
87. Rojas-Ayala, B., Hilton, E.J., Mann, A.W., Lepine, S., Gaidos, E., Bonfils, X., Helling, C., **Henry, T.J.**, Rogers, L.A., von Braun, K., & Youdin, A. 2013, *M Dwarfs in the Light of (Future) Exoplanet Searches*, Astron Nachr, 334, 155
86. Boyajian, T.S., von Braun, K., van Belle, G., McAlister, H.A., ten Brummelaar, T.A., Kane, S.R., Muirhead, P.S., Jones, J., White, R., Schaefer, G., Ciardi, D., **Henry, T.J.**, López-Morales, M., Ridgway, S., Gies, D., Jao, W.-C., Rojas-Ayala, B., Parks, J.R., Sturmann, L., Sturmann, J., Turner, N.H., Farrington, C., Goldfinger, P.J., Berger, D.H. 2012, *Stellar Diameters and Temperatures II: Main-Sequence K and M Stars*, ApJ, 757, 112
85. Dieterich, S.B., **Henry, T.J.**, Golimowski, D.A., Krist, J.E., & Tanner, A.M. 2012, *The Solar Neighborhood XXVIII: The Multiplicity Fraction of Nearby Stars from 5 to 70 AU and the Brown Dwarf Desert Around M Dwarfs*, AJ, 144, 64
84. Finch, C.T., Zacharias, N., Boyd, M.R., **Henry, T.J.**, & Hambly, N.C. 2012, *UCAC3 Proper Motion Survey II: Discovery of New Proper Motion Stars in UCAC3 with $0.40''/\text{yr} > \mu \geq 0.18''/\text{yr}$ between Declinations -47° and 00°* , ApJ, 745, 118
83. Boyd, M.R., **Henry, T.J.**, Jao, W.-C., Subasavage, J.P. & Hambly, N.C. 2011, *The Solar Neighborhood XXVII: Discovery of New Proper Motion Stars with $\mu \geq 0.18''/\text{yr}$ in the Southern Sky with $16.5 < R_{59F} \leq 18.0$* , AJ, 142, 92
82. Riedel, A.R., Murphy, S.J., **Henry, T.J.**, Melis, C., Jao, W.-C., & Subasavage, J.P. 2011, *The Solar Neighborhood XXVI: AP Col — the Closest (8.4 pc) Pre-main-sequence Star*, AJ, 142, 104
81. Boyd, M.R., Winters, J.G., **Henry, T.J.**, Jao, W.-C., Finch, C.T., Subasavage, J.P. & Hambly, N.C. 2011, *The Solar Neighborhood XXV: Discovery of New Proper Motion Stars with $0.40''/\text{yr} > \mu \geq 0.18''/\text{yr}$ between Declinations -47° and 00°* , AJ, 142, 10
80. Jao, W.-C., **Henry, T.J.**, Subasavage, J.P., Winters, J.G., Riedel, A.R., & Ianna, P.A. 2011, *The Solar Neighborhood XXIV: Parallax Results from the CTIOPI 0.9m Program — Stars with $\mu \geq 1.0''/\text{yr}$ (MOTION Sample) and Subdwarfs*, AJ, 141, 117

79. von Braun, K., Boyajian, T.S., Kane, S.R., van Belle, G.T., Ciardi, D.R., Lopez-Morales, M., McAlister, H.A., **Henry, T.J.**, Jao, W.-C., Riedel, A.R., Subasavage, J.P., Schaefer, G., ten Brummelaar, T.A., Ridgway, S., Sturmann, L., Sturmann, J., Mazingue, J., Turner, N.H., Farrington, C., Goldfinger, P.J., & Boden, A.F. 2011, *Astrophysical Parameters and Habitable Zone of the Exoplanet Hosting Star GJ 581*, ApJ, 729, 26
78. Winters, J.G., **Henry, T.J.**, Jao, W.-C., Subasavage, J.P., Finch, C.T., & Hambly, N.C. 2011, *The Solar Neighborhood XXIII: CCD Photometric Distance Estimates of SCR Targets — 77 M Dwarf Systems within 25 pc*, AJ, 141, 21
77. Metcalfe, T.S., Basu, S., **Henry, T.J.**, Soderblom, D.R., Judge, P.G., Knolker, M., Mathur, S., & Rempel, M. 2010, *Discovery of a 1.6 Year Magnetic Activity Cycle in the Exoplanet Host Star ι Horologii*, ApJ, 723, 213
76. Raghavan, D., McAlister, H.A., **Henry, T.J.**, Latham, D.W., Marcy, G.W., Mason, B.D., Gies, D.R., White, R.J., & ten Brummelaar, T.A. 2010, *A Survey of Stellar Families: Multiplicity of Solar-type Stars*, ApJSupp, 190, 1
75. Riedel, A.R., Subasavage, J.P., Finch, C.T., Jao, W.-C., **Henry, T.J.**, Winters, J.G., Brown, M.A., Ianna, P.A., Costa, E., & Mendez, R.A. 2010, *The Solar Neighborhood XXII: Parallax Results from the CTIOPI 0.9m Program — Trigonometric Parallaxes of 64 Nearby Systems with $0.5''/\text{yr} < \mu < 1.0''/\text{yr}$ (SLOWMO Sample)*, AJ, 140, 897
74. Finch, C.T., Zacharias, N., **Henry, T.J.** 2010, *UCAC3 Proper Motion Survey I: Discovery of New Proper Motion Stars in UCAC3 with $0.40''/\text{yr} > \mu \geq 0.18''/\text{yr}$ between Declinations -90° and -47°* , AJ, 140, 844
73. Bean, J.L., Seifahrt, A., Hartman, H., Nilsson, H., Wiedemann, G., Reiners, A., Dreizler, S., & **Henry, T.J.** 2010, *The CRIRES Search for Planets Around the Lowest-mass Stars I: High-precision Near-infrared Radial Velocities with an Ammonia Gas Cell*, ApJ, 713, 410
72. Richardson, N.D., Gies, D.R., **Henry, T.J.**, Fernandez-Lajus, E., & Okazaki, A.T. 2010, *The H α Variations of η Carinae During the 2009.0 Spectroscopic Event*, AJ, 139, 1534
71. Bean, J.L., Seifahrt, A., Hartman, H., Nilsson, H., Reiners, A., Dreizler, S., **Henry, T.J.**, & Wiedemann, G. 2010, *The Proposed Giant Planet Orbiting VB 10 Does Not Exist*, ApJ, 711, 19
70. Subasavage, J.P., Jao, W.-C., **Henry, T.J.**, Bergeron, P., Dufour, P., Ianna, P.A., Costa, E., & Mendez, R.A. 2009, *The Solar Neighborhood XXI: Parallax Results from the CTIOPI 0.9m Program — 20 New Members of the 25 Parsec White Dwarf Sample*, AJ, 137, 4547
69. Jao, W.-C., Mason, B.D., Hartkopf, W.I., **Henry, T.J.**, & Ramos, S.N. 2009, *Cool Subdwarf Investigations II: Multiplicity*, AJ, 137, 3800
68. Mason, B.D., Hartkopf, W.I., Gies, D.R., **Henry, T.J.**, & Helsel, J.W. 2009, *The High Angular Resolution Multiplicity of Massive Stars*, AJ, 137, 3358

67. Covey, K.R., Hawley, S.L., Bochanski, J.J., West, A.A., Reid, I.N., Golimowski, D.A., Davenport, J.R.A., **Henry, T.J.**, Uomoto, A., & Holtzman, J.A. 2008, *The Luminosity and Mass Functions of Low-Mass Stars in the Galactic Disk. I. The Calibration Region*, AJ, 136, 1778
66. Subasavage, J.P., **Henry, T.J.**, Bergeron, P., Dufour, P., & Hambly, N.C. 2008, *The Solar Neighborhood XX: Discovery and Characterization of 21 New Nearby White Dwarf Systems*, AJ, 136, 899
65. Boyajian, T.S., McAlister, H.A., Baines, E.K., Gies, D.R., **Henry, T.J.**, Jao, W.-C., O'Brien, D., Raghavan, D., Touhami, Y., ten Brummelaar, T.A., Farrington, C., Goldfinger, P.J., Sturmann, L., Sturmann, J., Turner, N.H., & Ridgway, S. 2008, *Angular Diameters of the G Subdwarf μ Cassiopeiae A and the K Dwarfs σ Draconis and HR 511 from Interferometric Measurements with the CHARA Array*, ApJ, 683, 424
64. Jao, W.-C., **Henry, T.J.**, Beaulieu, T.D., & Subasavage, J.P. 2008, *Cool Subdwarf Investigations. I. New Thoughts on the Spectral Types of K and M Subdwarfs*, AJ, 136, 840
63. Williams, S.J., Gies, D.R., **Henry, T.J.**, Orosz, J.A., McSwain, M.V., Hillwig, T.C., Penny, L.R., Sonneborn, G., Iping, R., van der Hucht, K.A., & Kaper, L. 2008, *Dynamical Masses for the Large Magellanic Cloud Massive Binary System [L72] LH 54-425*, ApJ, 682, 492
62. Unwin, S.C., Shao, M., Tanner, A.M., Allen, R.J., Beichman, C.A., Boboltz, D., Catanzarite, J.H., Chaboyer, B.C., Ciardi, D.R., Edberg, S.J., Fey, A.L., Fischer, D.A., Gelino, C.R., Gould, A.P., Grillmair, C., **Henry, T.J.**, Johnston, K.V., Johnston, K.J., Jones, D.L., Kulkarni, S.R., Law, N.M., Majewski, S.R., Makarov, V.V., Marcy, G.W., Meier, D.L., Olling, R.P., Pan, X., Patterson, R.J., Pitesky, J.E., Quirrenbach, A., Shaklan, S.B., Shaya, E.J., Strigari, L.E., Tomsick, J.A., Wehrle, A.E., & Worthey, G. 2008, *Taking the Measure of the Universe: Precision Astrometry with SIM PlanetQuest*, PASP, 120, 38
61. Gizis, J.E., Jao, W.-C., Subasavage, J.P., & **Henry, T.J.**, 2007, *The Trigonometric Parallax of the Brown Dwarf Planetary System 2MASSW J1207334-393254*, ApJLett, 669, L45
60. Subasavage, J.P., **Henry, T.J.**, Bergeron, P., Dufour, P., Hambly, N.C., & Beaulieu, T.D. 2007, *The Solar Neighborhood XIX: Discovery and Characterization of 33 New Nearby White Dwarf Systems*, AJ, 134, 252
59. Finch, C.T., **Henry, T.J.**, Subasavage, J.P., Jao, W.-C., & Hambly, N.C. 2007, *The Solar Neighborhood XVII: Discovery of New Proper-Motion Stars with $0.40''/\text{yr} > \mu \geq 0.18''/\text{yr}$ between Declinations -90 and -47* , AJ, 133, 2898
58. Tarter, J.C., Backus, P.R., Mancinelli, R.L., Aurnou, J.M., Backman, D.E., Basri, G.S., Boss, A.P., Clarke, A., Deming, D., Doyle, L.R., Feigelson, E.D., Freund, F., Grinspoon, D.H., Haberle, R.M., Hauck II, S.A., Heath, M.J., **Henry, T.J.**, Hollingsworth, J.L., Joshi, M.M., Kilston, S., Liu, M.C., Meikle, E., Reid, I.N., Rothschild, L.J., Scalo, J., Segura,

- A., Tang, C.M., Tiedje, J.M., Turnbull, M.C., Walkowicz, L.M., Weber, A.L., & Young, R.E. 2007, *A Reappraisal of the Habitability of Planets Around M Dwarf Stars*, *Astrobiology*, 7, 30
57. Luhman, K.L., Patten, B.M., Marengo, M., Schuster, M.T., Hora, J.L., Ellis, R.G., Stauffer, J.R., Sonnett, S.M., Winston, E., Gutermuth, R.A., Megeath, S.T., Backman, D.E., **Henry, T.J.**, Werner, M.W., & Fazio, G.G. 2007, *Discovery of Two T Dwarf Companions with the Spitzer Space Telescope*, *ApJ*, 654, 570
56. **Henry, T.J.**, Jao, W.-C., Subasavage, J.P., Beaulieu, T.D., Ianna, P.A., Costa, E., & Mendez, R.A. 2006, *The Solar Neighborhood XVII. Parallax Results from the CTIOPI 0.9m Program: 20 New Members of the RECONS 10 Parsec Sample*, *AJ*, 132, 2360
55. Patten, B.M., Stauffer, J.R., Burrows, A., Merengo, M., Hora, J.L., Luhman, K.L., Sonnett, S.M., **Henry, T.J.**, Raghavan, D., Megeath, S.T., Liebert, J., & Fazio, G.G. 2006, *Spitzer IRAC Photometry of M, L, and T Dwarfs*, *ApJ*, 651, 502
54. Costa, E., Mendez, R.A., Jao, W.-C., **Henry, T.J.**, Subasavage, J.P., & Ianna, P.A. 2006, *The Solar Neighborhood XVI. Parallaxes from CTIOPI: Final Results from the 1.5m Telescope Program*, *AJ*, 132, 1234
53. Raghavan, D., **Henry, T.J.**, Mason, B.D., Hambly, N.C., Subasavage, J.P., Beaulieu, T.D., & Jao, W.-C. 2006, *Two Suns in the Sky: Stellar Multiplicity In Extrasolar Planetary Systems*, *ApJ*, 646, 523
52. Berger, D.H., Gies, D.R., McAlister, H.A., ten Brummelaar, T.A., **Henry, T.J.**, Sturmann, J., Sturmann, L., Turner, N.H., Ridgway, S.T., Aufdenberg, J.P., & Merand, A.M. 2006, *First Results from the CHARA Array. IV. The Interferometric Radii of Low-Mass Stars*, *ApJ*, 644, 475
51. Monteiro, H., Jao, W.-C., **Henry, T.J.**, Subasavage, J.P., & Beaulieu, T.D. 2006, *Ages of White Dwarf-Red Dwarf Systems*, *ApJ*, 638, 446
50. Subasavage, J.P., **Henry, T.J.**, Hambly, N.C., Brown, M.A., Jao, W.-C., & Finch, C.T. 2005, *The Solar Neighborhood XV. Discovery of New High Proper Motion Stars with $\mu > 0.4''/\text{yr}$ between Declinations -47° and -90°* , *AJ*, 130, 1658
49. Scholz, R.D. Lo Curto, G., Mendez, R.A., Hambaryan, V., Costa, E., **Henry, T.J.**, & Schwöpe, A.D. 2005, *Three Active M Dwarfs within 8 pc: L449-1, L43-72, & LP 949-15*, *A&A*, 439, 1127
48. Costa, E., Mendez, R.A., Jao, W.-C., **Henry, T.J.**, Subasavage, J.P., Brown, M.A., Ianna, P.A., & Bartlett, J.L., 2005, *The Solar Neighborhood XIV. Parallaxes from the Cerro Tololo Inter-American Observatory Parallax Investigation — First Results from the 1.5 Meter Program*, *AJ*, 130, 337
47. Jao, W.-C., **Henry, T.J.**, Subasavage, J.P., Brown, M.A., Ianna, P.A., Bartlett, J.L., Costa, E., & Mendez, R.A. 2005, *The Solar Neighborhood XIII. Parallaxes from the CTIOPI*

- 0.9 Meter Program: Stars with $\mu \geq 1.0''/\text{yr}$ (MOTION Sample)*, AJ, 129, 1954
46. Subasavage, J.P., **Henry, T.J.**, Hambly, N.C., Brown, M.A., & Jao, W.-C. 2005, *The Solar Neighborhood XII. Discovery of New High Proper Motion Stars with $\mu > 0.4''/\text{yr}$ between Declinations -90° and -47°* , AJ, 129, 413
45. Deacon, N.R., Hambly, N.C., **Henry, T.J.**, Subasavage, J.P., Brown, M.A., & Jao, W.-C. 2005, *The Solar Neighborhood XI. The Trigonometric Parallax of SCR 1845-6357*, AJ, 129, 409
44. Pravdo, S.H., Shaklan, S.B., **Henry, T.J.**, & Benedict, G.F. 2004, *Astrometric Discovery of GJ 164B*, ApJ, 617, 1323
43. **Henry, T.J.**, Subasavage, J.P., Brown, M.A., Beaulieu, T.D., Jao, W.-C., & Hambly, N.C. 2004, *The Solar Neighborhood X. New Nearby Stars in the Southern Sky and Accurate Photometric Distance Estimates for Red Dwarfs*, AJ, 128, 2460
42. Golimowski, D.A., **Henry, T.J.**, Krist, J.E., Dieterich, S., Ford, H.C., Illingworth, G.D., Ardila, D.R., Clampin, M., Franz, O.G., Wasserman, L.H., Benedict, G.F., McArthur, B.E., & Nelan, E.G. 2004, *The Solar Neighborhood IX. Hubble Space Telescope Detections of Companions to Five M and L Dwarfs within 10 pc of the Sun*, AJ, 128, 1733
41. Hambly, N.C., **Henry, T.J.**, Subasavage, J.P., Brown, M.A., & Jao, W.-C. 2004, *The Solar Neighborhood VIII. Discovery of New High Proper Motion Nearby Stars Using the SuperCOSMOS Sky Survey*, AJ, 128, 437
40. Jao, W.-C., **Henry, T.J.**, Subasavage, J.P., Bean, J.L., Costa, E., Ianna, P.A., & Mendez, R.A. 2003, *The Solar Neighborhood VII: Discovery and Characterization of Nearby Multiples in the CTIO Parallax Investigation*, AJ, 125, 332
39. Hinz, J.L., McCarthy, D.W., Jr., Simons, D.A., **Henry, T.J.**, Kirkpatrick, J.D., & McGuire, P.C. 2002, *A Near-Infrared, Wide-Field, Proper-Motion Search for Brown Dwarfs*, AJ, 123, 2027
38. **Henry, T.J.**, Walkowicz, L.M., Barto, T.C., & Golimowski, D.A. 2002, *The Solar Neighborhood VI. New Southern Nearby Stars Identified by Optical Spectroscopy*, AJ 123, 2002
37. Geballe, T.R., Knapp, G.R., Leggett, S.K., Fan, X., Golimowski, D.A., Anderson, S.F., Brinkmann, J., Csabai, I., Gunn, J.E., Hawley, S.L., Hennessy, G.S., **Henry, T.J.**, Hill, G.J., Hindsley, R.B., Ivesic, Z., Lupton, R.H., McDaniel, A., Munn, J.A., Narayanan, V.K., Peng, E., Pier, J.R., Rockosi, C.M., Schneider, D.P., Smith, J.A., Strauss, M.A., Tsvetanov, Z.I., Uomoto, A., York, D.G., & Zheng, W. 2002, *Towards Spectral Classification of L and T Dwarfs: Infrared and Optical Spectroscopy and Analysis*, ApJ, 564, 466
36. Leggett, S.K., Golimowski, D.A., Fan, X., Geballe, T.R., Knapp, G.R., Brinkmann, J., Csabai, I., Gunn, J.E., Hawley, S.L., **Henry, T.J.**, Hindsley, R.B., Ivesic, Z., Lupton, R.H., Pier, J.R., Schneider, D.P., Smith, J.A., Strauss, M.A., Uomoto, A., & York, D.G. 2002,

35. Mazeh, T., Latham, D.W., Goldberg, E., Torres, G., Stefanik, R., **Henry, T.J.**, Zucker, S., Gnat, O., & Ofek, E.O. 2001, *Studies of Multiple Stellar Systems IV: The Triple-Lined Spectroscopic System Gliese 644*, A&A, 325, 343
34. Benedict, G.F., McArthur, B.E., Franz, O.G., Wasserman, L.H., **Henry, T.J.**, Strateva, I.V., Takato, T., Ianna, P.A., McCarthy, D.W., Nelan, E., Jefferys, W.H., van Altena, W., Shelus, P.J., Hemenway, P.D., Duncombe, R.L., Story, D., Whipple, A.L., Bradley, A.J., & Fredrick, L.W. 2001, *Precise Masses for Wolf 1062 AB from Hubble Space Telescope Interferometric Astrometry and McDonald Observatory Radial Velocities*, AJ, 121, 1607
33. Golimowski, D.A., **Henry, T.J.**, Krist, J.E., Schroeder, D.J., Marcy, G.W., Fischer, D.A., & Butler, R.P. 2000, *The Very Low Mass Component of the Gliese 105 System*, AJ, 120, 2082
32. Benedict, G.F., McArthur, B.E., Franz, O.G., Wasserman, L.H., & **Henry, T.J.** 2000, *Interferometric Astrometry of the Low-Mass Binary Gliese 791.2 (= HU Del) Using Hubble Space Telescope Fine Guidance Sensor 3: Parallax and Component Masses*, AJ, 120, 1106
31. Leggett, S.K., Geballe, T.R., Fan, X., Schneider, D.P., Gunn, J.E., Lupton, R.H., Knapp, G.R., Strauss, M.A., McDaniel, A., Golimowski, D.A., **Henry, T.J.**, Peng, E., Tsvetanov, Z.I., Uomoto, A., Zheng, W., Hill, G.J., Ramsey, L.W., Anderson, S.F., Annis, J.A., Bahcall, N.A., Brinkmann, J., Chen, B., Csabai, I., Fukugita, M., Hennessy, G.S., Hindsley, R.B., Ivesic, Z., Lamb, D.Q., Munn, J.A., Pier, J.R., Schlegel, D.J., Smith, J.A., Stoughton, C., Thakar, A.R., & York, D.G., 2000, *The Missing Link: Early Methane ("T") Dwarfs in the Sloan Digital Sky Survey*, ApJ Letters, 536L, 35
30. Woitas, J., Leinert, Ch., Jahreiss, H., **Henry, T.J.**, Franz, O.G., & Wasserman, L.H. 2000, *The Nearby M Dwarf System Gliese 866 Revisited*, A&A, 353, 253
29. **Henry, T.J.**, Franz, O.G., Wasserman, L.H., Benedict, G.F., Shelus, P.J., Ianna, P.A., Kirkpatrick, J.D., & McCarthy, Jr., D.W. 1999, *The Optical Mass-Luminosity Relation at the End of the Main Sequence (0.08 to 0.20 $M_{\odot}$)*, ApJ, 512, 864
28. Torres, G., **Henry, T.J.**, Franz, O.G., & Wasserman, L.H. 1999, *The Nearby Low-Mass Visual Binary Wolf 424*, AJ, 117, 562
27. Mason, B.D., **Henry, T.J.**, Hartkopf, W.I., ten Brummelaar, T., & Soderblom, D.R. 1998, *A Multiplicity Survey of Chromospherically Active and Inactive Stars*, AJ, 116, 2975
26. Krist, J.E., Golimowski, D.A., Schroeder, D.J., & **Henry, T.J.** 1998, *Characterization and Subtraction of Well-Exposed HST/NICMOS Camera 2 Point Spread Functions for a Survey of Very Low Mass Companions to Nearby Stars*, PASP, 110, 1046
25. Franz, O.G., **Henry, T.J.**, Wasserman, L.H., Benedict, G.F., Ianna, P.A., Kirkpatrick, J.D., McCarthy, Jr., D.W., Bradley, A.J., Duncombe, R.L., Fredrick, L.W., Hemenway, P.D., Jefferys, W.H., McArthur, B.E., Nelan, E.P., Shelus, P.J., Story, D.B., van Altena, W.F.,

- & Whipple, A.L. 1998, *The First Definitive Binary Orbit Determined with the HST Fine Guidance Sensors: Wolf 1062 (Gliese 748)*, AJ, 116, 1432
24. Soderblom, D.R., King, J.R., & **Henry, T.J.**, 1998, *High-Resolution Spectroscopy of Some Very Active Southern Stars*, AJ, 116, 396
23. Soderblom, D.R., King, J.R., Siess, L., Noll, K.S., Gilmore, D.M., **Henry, T.J.**, Nelan, E., Burrows, C.J., Brown, R.W., Perryman, M.A.C., Benedict, G.F., McArthur, B.J., Franz, O.G., Wasserman, L.H., Jones, B.F., Latham, D.W., Torres, G., & Stefanik, R.P. 1998, *HD 98800: A Unique Stellar System of Post-T Tauri Stars*, ApJ, 498, 385
22. Leinert, Ch., **Henry, T.J.**, Glindemann, A., & McCarthy, Jr., D.W. 1997, *A Search for Companions to Nearby Southern M Dwarfs with Near-Infrared Speckle Interferometry*, A&A, 325, 159
21. **Henry, T.J.**, Ianna, P.A., Kirkpatrick, J.D., & Jahreiss, H. 1997, *The Solar Neighborhood IV. Discovery of the Twentieth Nearest Star System*, AJ, 114, 388
20. Kirkpatrick, J.D., **Henry, T.J.**, & Irwin, M.J. 1997, *Ultra-cool M Dwarfs Discovered by QSO Surveys I: The APM Objects*, AJ, 113, 1421
19. Simons, D.A., **Henry, T.J.**, & Kirkpatrick, J.D. 1996, *The Solar Neighborhood III. A Near Infrared Search for Widely Separated Low Mass Binaries*, AJ, 112, 2238
18. Soderblom, D.R., **Henry, T.J.**, Shetrone, M.D., Jones, B.F., & Saar, S.H. 1996, *The Age-Related Properties of HD 98800*, ApJ, 460, 984
17. **Henry, T.J.**, Soderblom, D.R., Donahue, R.A., & Baliunas, S.L. 1996, *A Survey of Ca II H and K Chromospheric Emission in Southern Solar-Type Stars*, AJ, 111, 439
16. Kirkpatrick, J.D., **Henry, T.J.**, & Simons, D.A. 1995, *The Solar Neighborhood II. The First List of Dwarfs with Spectral Types of M7 and Cooler*, AJ, 109, 797
15. **Henry, T.J.**, Kirkpatrick, J.D., & Simons, D.A. 1994, *The Solar Neighborhood I. Standard Spectral Types (K5 to M8) for Northern Dwarfs within Eight Parsecs*, AJ, 108, 1437
14. Coppenbarger, D.S., **Henry, T.J.**, & McCarthy, Jr., D.W. 1994, *Ross 614AB: A Redetermination of the Masses One Orbit Later*, AJ, 107, 1551
13. **Henry, T.J.** & McCarthy, Jr., D.W. 1993, *The Mass-Luminosity Relation for Stars of Mass 1.0 to 0.08 $M_{\odot}$* , AJ, 106, 773
12. Kirkpatrick, J.D., **Henry, T.J.**, & Liebert, J. 1993, *The Unique Spectrum of the Brown Dwarf Candidate GD 165B and Comparison to the Spectra of Other Low-Luminosity Objects*, ApJ, 406, 701
11. Freeman, J.D., **Henry, T.J.**, & McCarthy, Jr., D.W. 1992, *Robust Regression Applied to Estimation of Object Parameters from Astronomical Speckle Interferometry*, JOSA, 9, 2149

10. **Henry, T.J.**, McCarthy, Jr., D.W., Freeman, J.D., & Christou, J.C. 1992, *A Nearby Solar-Type Star with a Low-Mass Companion: New Sensitivity Limits Reached Using Speckle Imaging*, AJ, 103, 1369
9. **Henry, T.J.**, Johnson, D.S., McCarthy, Jr., D.W., & Kirkpatrick, J.D. 1992, *Red/Infrared Observations of Wolf 424AB: Are the Components Substellar?*, A&A, 254, 116
8. Kirkpatrick, J.D., **Henry, T.J.**, & McCarthy, Jr., D.W. 1991, *A Standard Stellar Spectral Sequence in the Red/Near-Infrared: Classes K5 to M9*, ApJS, 77, 417
7. Thompson, W.R., **Henry, T.J.**, Schwartz, J.M., Khare, B.N., & Sagan, C. 1991, *Plasma Discharge in N₂ + CH₄ at Low Pressures: Experimental Results and Applications to Titan*, Icarus, 90, 57
6. McCarthy, Jr., D.W., **Henry, T.J.**, McLeod, B.A., & Christou, J.C. 1991, *The Low Mass Companion of Gliese 22A: First Results of the Steward Observatory Infrared Speckle Camera*, AJ, 101, 214
5. **Henry, T.J.** & Kirkpatrick, J.D. 1990, *The Companion to Gliese 569*, ApJLett, 354, L29
4. **Henry, T.J.** & McCarthy, Jr., D.W. 1990, *A Systematic Search for Brown Dwarfs Orbiting Nearby Stars*, ApJ, 350, 334
3. McCarthy, Jr., D.W., **Henry, T.J.**, Fleming, T.A., Saffer, R.A., Liebert, J., & Christou, J.C. 1988, *The Very Low Mass Triple System: G208-44AB and G208-45*, ApJ, 333, 943
2. Thompson, W.R., **Henry, T.J.**, Khare, B.N., Flynn, L., Schwartz, J.M., & Sagan, C. 1987, *Light Hydrocarbons from Plasma Discharge in H₂/He/CH₄: First Results and Uranian Auroral Chemistry*, J Geophys Res, 92, 15083
1. McCarthy, Jr., D.W. & **Henry, T.J.** 1987, *Direct Infrared Observations of the Very Low Mass Object Gliese 623B*, ApJLett, 319, L93

Book

1. Backman, D.E., Burg, S.J., & **Henry, T.J.** 2001, *Nearby Stars (NStars) Workshop, Proceedings of a Workshop held at the NASA Ames Research Center, Moffett Field, CA*

Book Chapters

3. Willman, B., Bochanski, J.J., Bullock, J.S., de Jong, R., Debattista, V.P., Finkbeiner, D., Grillmair, C.J., **Henry, T.J.**, Johnston, K.V., Juric, M., Kalirai, J., McGehee, P.M., Roskar, R., Sarajedini, A., Simon, J.D., Strader, J., & Strauss, M.A. 2009, *Milky Way and Local Volume Structure* in The LSST Science Book, p 203-245
2. **Henry, T.J.**, Gies, D.R., Jao, W.-C., Riedel, A.R., Subasavage, J.P., Benedict, G.F.,

Harris, H.C., Ianna, P.A., Thorstensen, J.R., Beichman, C., Prato, L., & Simon, M. 2009, *Stellar Maps with SIM Lite* in NASA's SIM Lite Astrometric Observatory, p. 83-96

1. **Henry, T.J.**, Backman, D.E., Blackwell, J., Okimura, T., & Jue, S. 2003, *The NStars Project and Small Telescopes* in *The Future of Small Telescopes in The New Millenium*, Volume III — Science in the Shadows of Giants, ed. T.D. Oswalt, Astrophysics and Space Sciences Library, 289, 111-121

Invited Talks and Articles

33. **Henry, T.J.** 2022, Invited Plenary Talk (2022 Sagan Summer Workshop: Exoplanet Science in the Gaia Era, Pasadena, CA): *2000 Years of Astrometry*

32. **Henry, T.J.** 2018, Invited Article: *A Reconnaissance of RECONS*, NOAO Newsletter, 118, 8

31. **Henry, T.J.** 2017, Invited Talk (48th Meeting of the Division on Dynamical Astronomy of the American Astronomical Society, London, UK): *Our View of the Solar Neighborhood Before, During, and After Gaia*

30. **Henry, T.J.** 2017, Invited Talk (LSST:UK Solar Neighbourhood Meeting, London, UK): *The Solar Neighborhood Working Group in the Stars, Milky Way, & Local Volume Science Collaboration*

29. **Henry, T.J.** 2013, Invited Talk (222nd Meeting of the American Astronomical Society, Indianapolis, IN): *Exploration of the Solar Neighborhood in a Dynamic Way (20-20 Talk)*

28. **Henry, T.J.** 2012, Invited Talk (Cool Stars 17 Meeting, Barcelona, Spain): *The Solar Neighborhood: Who Are the Stars? Where Are the Planets?*

27. **Henry, T.J.** 2011, Invited Talk (218th Meeting of the American Astronomical Society, Boston, MA): *The SMARTS Way to Build a Map to the Stars*

26. **Henry, T.J.** 2010, Invited Plenary Talk (Georgia Regional Astronomy Meeting, Atlanta, GA): *Grab Your Map to the Stars: A Tour of the Sun's Neighborhood*

25. Bean, J., Seifahrt, A., Hartman, H., Nilsson, H., Wiedemann, G., Reiners, A., Dreizler, S., & **Henry, T.J.** 2010, Invited Article: *The CRIRES Search for Planets at the Bottom of the Main Sequence*, Messenger, 140, 41

24. **Henry, T.J.** 2009, Invited Talk (76th Annual Meeting of the Southeastern Section of the American Physical Society, Atlanta, GA): *Surveying the Neighborhood of the Sun*

23. **Henry, T.J.** 2009, Invited Talk (214th Meeting of the American Astronomical Society, Pasadena, CA): *Ground-Based Astrometry: Narrow-Angle Science Now and in the Future*

22. Cantrell, J.R. & **Henry, T.J.** 2008, Invited Article: *The Solar Neighborhood: Habitable*

Real Estate Around Nearby Stars, NOAO Newsletter, 93, 3

21. **Henry, T.J.** 2008, Invited Talk (Cool Stars 15, St. Andrews, Scotland): *Low Mass Companions via Astrometry*

20. **Henry, T.J.** 2008, Invited Talk (211th Meeting of the American Astronomical Society, Austin, TX): *Stellar Results with the Space Interferometry Mission*

19. **Henry, T.J.** 2006, Invited Talk (IAU Symposium 240, Prague, Czech Republic) and Paper: *The Sun's Smaller Cousins Are Running the Universe — The Masses of Red and Brown Dwarfs*, Proceedings of IAU Symposium 240, 299

18. **Henry, T.J.** 2006, Invited Talk (207th Meeting of the American Astronomical Society, Washington, DC): *Red Targets for Radial Velocity Searches, session on The Development of the UK Precision Radial Velocity Spectrometer*

17. **Henry, T.J.** 2005, Invited Talk (SETI Institute, Moffett Field, CA): *710,000 M Dwarfs in the 'Hood*

16. **Henry, T.J.** 2005, Invited Article: *The Sun's New Neighbors*, NOAO Newsletter, 82, 7

15. **Henry, T.J.**, Jao, W.-C., Subasavage, J.P., Ianna, P.A., Costa, E., & Mendez, R.A. 2005, Invited Talk (Flagstaff, AZ) and Paper: *Results from CTIOPI: Parallaxes, Perturbations, and Pushing Towards SIM PlanetQuest* in *Astrometry in the Age of the Next Generation of Large Telescopes*, eds. P.K. Seidelmann & A.K.B. Monet, ASP Conference Series, 338, 228

14. **Henry, T.J.** 2005, Invited Talk (205th Meeting of the American Astronomical Society, San Diego, CA): *Precision Stellar Astrophysics with SIM PlanetQuest*

13. **Henry, T.J.** 2005, Invited Talk (205th Meeting of the American Astronomical Society, San Diego, CA): *New Nearby Stars from NOAO and SMARTS Observations*

12. **Henry, T.J.** 2004, Invited Plenary Talk (203rd Meeting of the American Astronomical Society, Atlanta, GA): *RECONS is Spying on Your Neighbors*

11. **Henry, T.J.** 2004, Invited Talk (Dubrovnik, Croatia) and Paper: *The Mass-Luminosity Relation from End to End* in *Spectroscopically and Spatially Resolving the Components of Close Binary Stars*, eds. R.W. Hilditch, H. Hensberge, & K. Pavlovski, ASP Conference Series, 318, 159

10. **Henry, T.J.** 2002, Invited Talk (Royal Observatory Edinburgh, Scotland): *Galactic Survey Astronomy in the 1.0 to 2.5 Micron Region*

9. **Henry, T.J.** 1999, Invited Talk/Conference Summary, (NASA Ames Research Center, Moffett Field, CA) and Paper: *The 1999 Nearby Stars Marathon* in *Nearby Stars (NStars) Workshop*, eds. D.E. Backman, S.J. Burg, & T.J. Henry, p. 343

8. **Henry, T.J.** 1997, Invited Talk (Puerto de la Cruz, Tenerife, Canary Islands) and Paper: *Suspicious Characters Lurking in the Solar Neighborhood* in *Proceedings of the Brown Dwarfs*

and Extrasolar Planets Conference, ed. R. Rebolo, ASP Conference Series, 134, 28

7. **Henry, T.J.** 1996, Invited Talk (Space Telescope Science Institute, Baltimore, MD): *Low Mass Companions to Nearby Stars*, Planets Beyond the Solar System and the Next Generation of Space Missions Workshop
6. **Henry, T.J.** 1995, Invited Talk (Jet Propulsion Laboratory, Pasadena, CA): *The Closest 1000 Stars*, Exploration of Neighboring Planetary Systems Kickoff Workshop
5. **Henry, T.J.** 1995, Invited Talk (Atlanta, GA): *Searching for Planets Orbiting the Nearest Stars*, Annual Meeting of the American Association for the Advancement of Science
4. **Henry, T.J.** 1995, Invited Talk (Garching, Germany) and Paper: *The Solar Neighbors in the Murky Depths of the Main Sequence* in Proceedings of the ESO Workshop on The Bottom of the Main Sequence — And Beyond, ed. C.G. Tinney, Springer-Verlag, p. 79
3. **Henry, T.J.** 1994, Invited Talk (Minneapolis, MN): *The Solar Neighbors in the Murky Depths of the Main Sequence*, 184th meeting of the American Astronomical Society
2. **Henry, T.J.** & McCarthy, Jr., D.W. 1992, Invited Talk (Pine Mountain, GA) and Paper: *The Murky Depths of the Main Sequence: Nearby Speckled Dwarfs and Elusive Brown Beasts* in Complementary Approaches to Double and Multiple Star Research, eds. H.A. McAlister & W.I. Hartkopf, ASP Conference Series, 32, 10
1. **Henry, T.J.** 1985, Invited Paper, *The Search for Extrasolar Planetary Systems* in The Journal of Cornell Scientists, 2, 47

Community White Papers

3. Pepper, J., Ciardi, D., **Henry, T.J.**, & Mullally, S. 2019, *Durable Agency Support for Exoplanet Catalogs and Archives*, Astro2020: Decadal Survey on Astronomy and Astrophysics, APC white papers, Bulletin of the American Astronomical Society, 51, #128
2. Oey, S., Maccarone, T., Walter, F., Baily, C., Gallagher, J., **Henry, T.J.**, Oswalt, T., Buzasi, D., Smith, J.A., Beaton, R., Webb, J., Barlow, B., Bentz, M., Hebb, L., Kelly, P., Isler, J., Meyer, M., Salzer, J., & Scaringi, S. 2019, *2020 Vision: Towards a Sustainable OIR System*, Astro2020: Decadal Survey on Astronomy and Astrophysics, APC white papers, Bulletin of the American Astronomical Society, 51, #95
1. **Henry, T.J.**, Monet, D.G., Shankland, P.D., Reid, M.J., van Altena, W., & Zacharias, N. 2009, *Ground-Based Astrometry 2010-2020*, Astro2010: The Astronomy and Astrophysics Decadal Survey, Science White Papers, #123

Conference Proceedings

28. Hahne, F.W., Horch, E.P., van Belle, G.T., Clark, C., Winters, J.G., & **Henry, T.J.** 2018, *Two-color speckle imaging of M-dwarfs with the Discovery Channel Telescope*, Proceedings of the SPIE 10701, 107012A
27. Horch, E.P., Lobb, J., Howell, S.B., van Altena, W.F., **Henry, T.J.**, & van Belle, G.T. 2018, *Speckle Imaging at Gemini and the DCT*, VII Reunion de Astronomia Dinamica en Latinoamerica, ADeLA Publication Series, eds. A. Garcia-Varela et al., 50, 19
26. Plavchan, P., Gao, P., Gagne, J. et al., 2016, *Precise Near-Infrared Radial Velocities*, Proceedings of the International Astronomical Union Symposium on Young Stars and Planets Near the Sun, 314, 286
25. Subasavage, J.P., Finch, C.T., Zacharias, N., **Henry, T.J.**, & Riedel, A.R. 2015, *UCAC4 Nearby Star Survey: A Search for Our Stellar Neighbors*, Proceedings of the 18th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun, ed. G. van Belle and H.C. Harris, p. 1033
24. Davison, C.L., White, R.J., **Henry, T.J.**, & Cabrera, N. 2015, *New Projected Rotational Velocity Measurements for 65 Mid M-Dwarfs*, Proceedings of the 18th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun, ed. G. van Belle and H.C. Harris, p. 967
23. Gies, D.R., Aldoretta, E.J., Caballero-Nieves, S.M., Nelan, E.P., **Henry, T.J.**, Jao, W.-C., Hartkopf, W.I., Mason, B.D., Maiz Apellaniz, J., Moffat, A.F.J., Richardson, N.D., Wallace, D.J., & Williams, S.J. 2013, *HST Fine Guidance Sensors Survey For Binaries Among The Massive Stars*, EAS Publications Series, 64, 395
22. Riedel, A.R., **Henry, T.J.**, White, R.J., Song, I., Jensen, E.L.N., & Hambly, N.C. 2012,

Nearby Motionless Stars, Proceedings of the 16th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun, ed. C.M. Johns-Krull, M.K. Browning, & A.A. West, ASP Conference Series, 448, 1391

21. Dieterich, S.B., **Henry, T.J.**, Jao, W.-C., & Riedel, A.R. 2012, *M and L Dwarf Dynamical Masses with One Adaptive Optics Observation*, Proceedings of the 16th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun, ed. C.M. Johns-Krull, M.K. Browning, & A.A. West, ASP Conference Series, 448, 849

20. Davison, C.L., White, R.J., **Henry, T.J.**, Jao, W.-C., Riedel, A.R., & Cantrell, J.R. 2012, *CAESAR: Companion Assessment of Equatorial Stars with Astrometry and Radial Velocity*, Proceedings of the 16th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun, ed. C.M. Johns-Krull, M.K. Browning, & A.A. West, ASP Conference Series, 448, 825

19. Boyajian, T.S., von Braun, K., van Belle, G., ten Brummelaar, T., Ciardi, D., **Henry, T.J.**, Lopez-Morales, M., McAlister, H., Ridgway, S., Farrington, C., Goldfinger, P.J., Sturmann, L., Sturmann, J., & Turner, N. 2012, *Fundamental Properties of Cool Stars with Interferometry*, Proceedings of the 16th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun, ed. C.M. Johns-Krull, M.K. Browning, & A.A. West, ASP Conference Series, 448, 811

18. Dreizler, S., Bean, J., Seifahrt, A., Hartman, H., Nilsson, H., Wiedemann, G., Reiners, A., & **Henry, T.J.** 2010, *Pathways Towards Neptune-mass Planets around Very Low-mass Stars*, ASP Conference Series, 430, 127

17. Subasavage, J.P., Baily, C.D., Smith, R.C., **Henry, T.J.**, Walter, F.M., & Buxton, M.M. 2010, *SMARTS Revealed*, Proceedings of the SPIE 7737, 31

16. Metcalfe, T.S., Judge, P.G., Basu, S., **Henry, T.J.**, Soderblom, D.R., Knobel, M., & Rempel, M. 2009, *Activity Cycles of Southern Asteroseismic Targets*, Proceedings of the Solar Analogs II Workshop

15. Subasavage, J.P., **Henry, T.J.**, Jao, W.-C., Nelan, E.P., Harris, H.C. & Dahn, C.C. 2009, *Calibrating Cosmological Chronometers: White Dwarfs Masses via Astrometry*, Journal of Physics Conference Series 172, 2017

14. Jao, W.-C., **Henry, T.J.**, Subasavage, J.P., Ianna, P.A., Costa, E., & Mendez, R.A. 2008, *Spying on Your Neighbors with Ultra-high Precision in A Giant Step: from Milli- to Micro-arcsecond Astrometry*, Proceedings of IAU Symposium 248, 421

13. Berger, D.H., ten Brummelaar, T.A., Gies, D.R., **Henry, T.J.**, McAlister, H.A., Merand, A., Sturmann, J., Sturmann, L., Turner, N.H., Aufdenberg, J.P., & Ridgway, S.T. 2008, *The Radius-Luminosity Relation from Near-Infrared Interferometry: New M Dwarf Sizes from the CHARA Array*, ASP Conference Series 384, 226

12. Subasavage, J.P., **Henry, T.J.**, Bergeron, P., Dufour, P., Hambly, N.C., & Beaulieu, T.D. 2007, *Identifying and Characterizing New Nearby White Dwarfs*, PASP, 372, 53

11. Golimowski, D.G., Minniti, D., **Henry, T.J.** & Ford, H.C. 2007, *Preliminary Orbit and Masses of the Nearby Binary L Dwarf GJ 1001 BC*, Proceedings of IAU Symposium 240, 329
10. Raghavan, D., McAlister, H., **Henry, T.J.**, & Mason, B.D. 2007, *A Survey of Stellar Families: Multiplicity Among Solar-Type Stars*, Proceedings of IAU Symposium 240, 254
9. Metcalfe, T.S., **Henry, T.J.**, Knolker, M., & Soderblom, D.R. 2006, *Calibrating the Solar Dynamo: Magnetic Activity Cycles of Southern Sun-like Stars*, Proceedings of SOHO 18/GONG 2006/HELAS I, Beyond the Spherical Sun, eds. K. Fletcher & M. Thompson, published on CDROM, p. 111
8. Costa, E., Mendez, R.A., Jao, W.-C., **Henry, T.J.**, & Ianna, P.A. 2006, *1.5m CTIOPI: A Southern Parallax Investigation* in XI IAU Regional Latin American Meeting of Astronomy, eds. L. Infante & M. Rubio, RMxAA Conference Series, 26, 168
7. Mendez, R.A., Costa, E., **Henry, T.J.**, Jao, W.-C., & Ianna, P.A. 2006, *Trigonometric Parallaxes from the Southern Hemisphere* in Third International Meeting of Dynamical Astronomy in Latin America, eds. C. Abad, A. Bongiovanni, & Y. Guillen, RMxAA Conference Series, 25, 53
6. Jao, W.-C., **Henry, T.J.**, Subasavage, J.P., & Beaulieu, T.D. 2005, *Where the Stellar Road Runners Are in the Sky* in Astrometry in the Age of the Next Generation of Large Telescopes, eds. P.K. Seidelmann & A.K.B. Monet, ASP Conference Series, 338, 268
5. Mendez, R.A., Costa, E., **Henry, T.J.**, & Ianna, P.A. 2003, *A Trigonometric Parallax Survey of the Southern Skies* in Astrometry in Latin America, ADeLA Publication Series, ed. R. Teixeira et al., 1, 1
4. Benedict, G.F., **Henry, T.J.**, McArthur, B.E., Gies, D.R., Golimowski, D.A., Ianna, P.A., Mason, B.D., Nelan, E.P., & Torres, G. 2003, *The Mass-Luminosity Relation and Space-Based Interferometry: From the Hubble Space Telescope to the Space Interferometry Mission* in Interferometry in Space, ed. M. Shao, Proceedings of the SPIE, 4852, 110
3. **Henry, T.J.**, Soderblom, D.R., Baliunas, S.L., Davis, R.J., Donahue, R.A., Latham, D.W., Stefanik, R.P., Torres, G., Duquennoy, A., Mayor, M., Andersen, J., Nordstrom, B., & Olsen, E. 1995, *The Current State of Target Selection for NASA's High Resolution Microwave Survey* in Progress in the Search for Extraterrestrial Life, ed. S. Shostak, ASP Conference Series, 74, 207
2. **Henry, T.J.** 1994, *Reconnaissance of the Nearby Stars*, Proceedings of the 8th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun, ed. J.P. Caillault, ASP Conference Series, 64, 569
1. McCarthy, Jr., D.W., Christou, J.C., & **Henry, T.J.** 1988, *Near-Infrared Imaging of Low Mass Objects as Close Companions to Nearby Stars*, ESO Workshop Proceedings, 29, 541

Science Colloquia

45. March 2020	Southern Connecticut State University, New Haven, CT
44. February 2020	Florida Institute of Technology, Melbourne, FL
43. October 2019	Space Telescope Science Institute, Baltimore, MD
42. October 2019	Embry-Riddle Aeronautical University, Daytona Beach, FL
41. September 2019	University of Victoria, Victoria, Canada
40. September 2019	Herzberg Institute of Astrophysics, Victoria, Canada
39. September 2019	University of British Columbia, Vancouver, Canada
38. September 2018	High Point University, High Point, NC
37. September 2015	United States Naval Observatory, Flagstaff, AZ
36. October 2014	Yale University, New Haven, CT
35. February 2014	Georgia Institute of Technology, Atlanta, GA
34. June 2013	Illinois Wesleyan University, Bloomington, IN
33. May 2013	Las Cumbres Observatory, Santa Barbara, CA
32. November 2012	Vanderbilt University, Nashville, TN
31. November 2012	Pennsylvania State University, State College, PA
30. October 2012	University of Georgia, Athens, GA
29. September 2012	Mississippi State University, Starkville, MS
28. January 2012	Harvard-Smithsonian Center for Astrophysics, Boston, MA
27. August 2011	Las Cumbres Observatory, Santa Barbara, CA
26. September 2010	Carnegie Institution for Science, Washington, DC
25. May 2010	Lowell Observatory, Flagstaff, AZ
24. June 2009	Jet Propulsion Laboratory, Pasadena, CA
23. September 2008	Yale University, New Haven, CT
22. January 2008	Lehigh University, Bethlehem, PA
21. October 2007	Cerro Tololo Inter-American Observatory, La Serena, Chile

20. October 2007	University of St. Andrews, Scotland
19. September 2007	Royal Observatory of Edinburgh, Scotland
18. June 2006	Dartmouth College, Hanover, NH
17. April 2006	Yale University, New Haven, CT
16. March 2004	Swarthmore College, Swarthmore, PA
15. November 2002	Emory University, Atlanta, GA
14. March 2000	Georgia State University, Atlanta, GA
13. April 1999	University of Pennsylvania, Philadelphia, PA
12. December 1999	Johns Hopkins University, Baltimore, MD
11. November 1998	Massachusetts Institute of Technology, Cambridge, MA
10. April 1998	University of Pennsylvania, Philadelphia, PA
9. April 1998	State University of New York, Stony Brook, NY
8. March 1998	Wesleyan University, Middleton, CT
7. April 1997	Space Telescope Science Institute, Baltimore, MD
6. March 1997	Villanova University, Villanova, PA
5. March 1997	University of Massachusetts, Amherst. MA
4. April 1996	University of Virginia, Charlottesville, VA
3. March 1996	Georgia State University, Atlanta, GA
2. August 1995	Cerro Tololo Inter-American Observatory, La Serena, Chile
1. April 1995	San Francisco State University, San Francisco, CA

External Funding — Continuing

2023-2026	Received as Principal Investigator <i>Orbital Architectures of Companions to the Nearest K Dwarfs</i> \$459,926 from the NASA's Exoplanet Research Program
2021-2024	Received as Principal Investigator <i>RECONS Explores the Long-Term Behavior of Nearby Red Dwarfs</i> \$493,670 from the National Science Foundation
2019-2024	Received as Principal Investigator <i>SMARTS Operations of CTIO 1.5m+CHIRON for TESS Followup</i> \$364,012 from NASA Jet Propulsion Laboratory
2021-2023	Received as Principal Investigator <i>Fraternal or Identical? The Magnetic Properties of M Dwarf Twins</i> \$ 65,845 from the Smithsonian Astrophysical Observatory
2019-2023	Received as Principal Investigator <i>A Reconnaissance of the 5000 Nearest K Dwarfs</i> \$326,680 from the National Science Foundation

External Funding — Concluded (since 2000)

2017-2020	Received as Principal Investigator <i>RECONS Explores the Nearest Stars</i> \$495,997 from the National Science Foundation
2015-2018	Received as Principal Investigator <i>Exploring the Nearest Stars on Solar System Scales</i> \$243,528 from the National Science Foundation
2014-2018	Received as Principal Investigator <i>Pinpointing the Characteristics of Stars and Not Stars</i> \$67,544 from the Space Telescope Science Institute
2014-2017	Received as Principal Investigator <i>Stars and Not Stars: RECONS Studies the Nearby Dwarfs</i> \$481,104 from the National Science Foundation
2012-2016	Received as Co-Investigator (PI: Serge Dieterich, GSU) <i>Probing Fundamental Parameters with HST/STIS Spectroscopy</i> \$70,760 from the Space Telescope Science Institute

2015-2016	Received as Co-Investigator (PI: Wei-Chun Jao, GSU) <i>Monitoring the Closest Stars in K2 Fields 8 and 10</i> \$20,000 from NASA
2012-2015	Received as Co-Investigator (PI: Linda French, IWU) <i>Photometric Survey of Jovian Trojans</i> \$256,451 from the National Science Foundation
2011-2014	Received as Principal Investigator <i>More than 1000 Points of Light</i> \$232,316 from the National Science Foundation
2011-2013	Received as Co-Investigator (PI: Wei-Chun Jao, GSU) <i>The Weight-Watchers Program for Subdwarfs</i> \$32,468 from the Space Telescope Science Institute
2009-2013	Received as Principal Investigator <i>The RECONS Survey of the Solar Neighborhood</i> \$581,591 from the National Science Foundation
2009-2011	Received as Co-Investigator (PI: Doug Gies, GSU) <i>Binaries at the Extremes of the H-R Diagram</i> \$265,995 from the Space Telescope Science Institute
2000-2010	Received as Principal Investigator <i>A MASSIF Effort to Determine the Stellar Mass-Luminosity Relation</i> \$2,488,540 from the Jet Propulsion Laboratory
2008-2010	Received as Principal Investigator <i>Interplanetary Stellar Parallax Investigation via Cassini</i> \$50,000 from NASA
2002-2010	Received as Co-Investigator (PI: David Golimowski, JHU) <i>Completing a Near-Infrared Search for Very Low Mass Companions</i> \$38,849 from the Space Telescope Science Institute
2000-2009	Received as Principal Investigator <i>Calibrating the MLR at the End of the Main Sequence</i> \$778,514 from the Space Telescope Science Institute
2005-2009	Received as Principal Investigator <i>The RECONS Investigation of the Solar Neighborhood</i> \$522,966 from the National Science Foundation

2006-2008	Received as Co-Investigator (PI: Wei-Chun Jao, GSU) <i>The Weight-Watchers Program for Subdwarfs</i> \$81,860 from the Space Telescope Science Institute
2006-2008	Received as Co-Investigator (PI: John Subasavage, GSU) <i>Calibrating Cosmological Chronometers: White Dwarf Masses</i> \$134,560 from the Space Telescope Science Institute
2003-2005	Received as Principal Investigator <i>Support of CTIO 0.9m Telescope Under SMARTS</i> \$54,000 from Yale University
2002-2003	Received as Principal Investigator <i>The CTIOPI Effort to Discover Nearby Southern Stars</i> \$21,000 from NASA Ames Research Center
2000-2002	Received as Principal Investigator <i>Speedy Gonzales Mass Determinations</i> \$72,208 from the Space Telescope Science Institute

Internal Funding from Georgia State University

2003-2021	Received as Principal Investigator <i>SMARTS Research at Georgia State University</i> \$1,129,000 from GSU Office of Research & Sponsored Programs
2005-2009	Received as Co-Investigator (PI: Harold McAlister, GSU) <i>Research in the Center for High Angular Resolution Astronomy</i> \$162,000 from GSU Office of Research & Award Administration

Professional Organization Activities

2022-present	Member, Advisory Group for NASA's Exoplanet Archive NASA Exoplanet Program
2019-present	Member, Science Interest Group on Exoplanet Demographics NASA Exoplanet Program
2017-present	Director Small and Moderate Aperture Research Telescope System (SMARTS)
2017-present	Director / Operations Manager, CTIO 1.5m Telescope Small and Moderate Aperture Research Telescope System (SMARTS)
2014-present	Chair, AAS FAMOUS Grants Committee American Astronomical Society
2013-present	AAS Agent 001 American Astronomical Society
2011-present	Member Rubin Observatory: Stars, Milky Way, & Local Volume Science Collab.
2003-present	Director / Operations Manager, CTIO 0.9m Telescope Small and Moderate Aperture Research Telescope System (SMARTS)
2002-present	GSU Representative Small and Moderate Aperture Research Telescope System (SMARTS)
1999-present	Principal Investigator CTIOPI Southern Hemisphere Astrometry/Photometry Project
1994-present	Director RECONS (REsearch Consortium On Nearby Stars)
2018-present	Member International Astronomical Union
1987-present	Member American Astronomical Society
2018-2022	Member, AAS Committee on Astronomy and Public Policy American Astronomical Society

2020-2022	Member, AAS Code of Ethics Committee American Astronomical Society
2021	Member, Science Analysis Group on Exoplanet Host Properties NASA Exoplanet Program
2018-2019	Chair, AAS Dannie Heineman Prize Committee American Astronomical Society
2015-2018	Member, Observatory Council Association of Universities for Research in Astronomy
2014-2018	Member, NOAO-South Facilities Operations Advisory Committee Association of Universities for Research in Astronomy
2013-2017	Co-Chair LSST: The Solar Neighborhood Working Group
2011-2017	Co-Chair LSST: Differential Astrometry Working Group
2016-2017	Member, Task Force on Society Governance American Astronomical Society
2012-2015	Councilor American Astronomical Society
2008, 2015 1999, 2005	Panel Member — Galactic Astronomy Hubble Space Telescope Time Allocation Committee, Baltimore, MD
2000-2010	Science Team Member NASA's Space Interferometry Mission (SIM) Astrometric Observatory
1995-2010	Principal Investigator Hubble Space Telescope General Observer Program, Stellar Masses
2010	Panel Member NSF Populations, Abundances, Surveys, & Structure, Washington, DC
2009	Panel Member LSST Consortium Science Proposals, Tucson, AZ
2009	Co-Organizer of Four Special Sessions, <i>The Decade of Astrometry</i> American Astronomical Society Meeting, Pasadena, CA

2009	Lead Author of White Paper, <i>Ground-Based Astrometry 2010-2020</i> submitted to the Decadal Survey
2008	Panel Member NASA Exoplanets Panel Review, Washington, DC
2008	Organizer — Stellar Maps with NASA's Space Interferometry Mission Tiger Team Meeting to Develop Mission Goals, Atlanta, GA
1998-2006	Member Infrared Array Camera Guaranteed Time Observer Team
2005	Panel Chair — Stellar Astrophysics SETI Institute: M Dwarf Habitable Zones, Mountain View, CA
2004	Organizer of Two Special Sessions, <i>Nearby Stars I and II</i> American Astronomical Society Meeting, Atlanta, GA
1999-2003	Member NOAO Surveys Committee, Tucson, AZ
2001	Panel Member — Science NASA's FAME Assessment Review, Washington, DC
2001	Representative NOAO Users Committee, Tucson, AZ
2001	Reviewer Michelson Fellowship Program Committee
1999	Organizer of International Meeting Nearby Stars (NStars) Workshop, Mountain View, CA
1998-2003	Project Scientist NASA/NSF NStars Project
1998	Panel Member — Companion Detection NASA Origins of Solar Systems Committee
1997	Panel Member — Extrasolar Planets NOAO Committee on Capabilities for Large Telescopes

Courses Taught at Georgia State University

ASTR 1010	Astronomy of the Solar System
ASTR 1020	Stellar and Galactic Astronomy
ASTR 3500	Fundamentals of Astronomy and Astrophysics
ASTR 4900	Senior Research in Physics and Astronomy
ASTR 8200	Galactic Structure
ASTR 8850	Planetary Sciences
ASTR 8900	Seminar in Astronomy
PERS 2002	Scientific Perspectives on Global Problems — Life on Other Worlds

Teaching Experience Beyond the Classroom

2001-2007	Director, GSU Summer Student Program in Astronomy Georgia State University
1992-1997	Summer Student Program Space Telescope Science Institute
1992-1996	Director, Students' Hands On Physics (SHOP) Inner City Program Baltimore City Schools
1988-1992	Astronomy Camps for Teenagers and Adults University of Arizona
1986-1989	Student Athlete Tutoring University of Arizona

Administrative Experience at Georgia State University

2022-present	Chair, Graduate Student Stipends Task Force
2006-present	Department Tenure Committee
2002-present	Chair, SMARTS Users Committee
2001-present	Department Faculty Search Committee
2001-present	Astronomy Ph.D. Qualifying Exam Committee
2000-present	Graduate Recruitment/Admissions/Curriculum Committee
2020-2022	Department of Physics & Astronomy Executive Committee
2012-2014	Director, Graduate Program in Astronomy
2012-2014	Department of Physics & Astronomy Executive Committee
2011-2012	McNair Scholars Program Advisory Board
2004-2008	Department of Physics & Astronomy Executive Committee
2002-2004	College of Arts & Sciences Executive Committee

Doctoral Dissertations Supervised

2027 (goal)	Timothy Johns <i>Exoplanets in Single and Multiple Star Systems</i>
2027 (goal)	Sebastian Carrazco-Gaxiola <i>Systematic Reconnaissance of 5000 K Dwarfs within 50 Parsecs</i>
2025 (goal)	Aman Kar <i>The Habitability of the Nearest Exoplanets</i>
2024 (goal)	Andrew C. Couperus <i>The Stellar Cycles of the Nearest M Dwarf Stars</i>
2023 (goal)	Hodari-Sadiki Hubbard-James <i>Young and Active K Dwarfs Near the Sun</i>
2023 (goal)	Eliot H. Vrijmoet <i>The Dynamics of Low Mass Stellar Systems</i>
2022	Leonardo A. Paredes <i>A Radial Velocity Survey for Companions Orbiting Nearby K Dwarf Stars</i>
2019	Michele L. Silverstein <i>Sizing Up Red Dwarfs in the Solar Neighborhood</i>
2017	Tiffany D. Clements <i>Nearby M Dwarf Stars and The Wide Main Sequence</i>
2017	Joseph P. Chatelain <i>De Ilii Coloribus: Photometric Study of the Largest Jupiter Trojan Asteroids</i>
2015	Jennifer G. Winters <i>Nearby Red Dwarfs & Their Dance Partners: Characterizing More Than 2000 Single & Multiple M Dwarfs Near the Sun</i>
2013	Serge B. Dieterich <i>Characterization of the Stellar/Substellar Boundary</i>
2012	Adric R. Riedel <i>Hiding in Plain Sight</i>

2007	John P. Subasavage <i>White Dwarfs in the Solar Neighborhood</i>
2004	Wei-Chun Jao <i>Discovery and Characterization of the Highest Proper Motion Stars</i>

Masters Theses Supervised

2024 (goal)	Timothy Johns <i>Radial Velocity Investigation of 400 Nearby K Dwarfs</i>
2024 (goal)	Sebastian Carrazco-Gaxiola <i>Stellar Parameters of 1200 Nearby K Dwarfs</i>
2023 (goal)	D. Xavier Lesley (at Southern Connecticut State University) <i>Orbits of K Dwarf Systems with Speckle Imaging</i>
2023 (goal)	Aman Kar <i>ATLAS: A Trail to Life Around Stars</i>
2020	Andrew A. Couperus <i>Variability in M Dwarfs from Hours to Decades</i>
2020	Hodari-Sadiki Hubbard-James <i>Extrasolar Planets Orbiting the Nearest Stars</i>
2020	Daniel A. Nusdeo <i>Stellar Companions to K Dwarfs on Solar System Scales</i>
2020	Leonardo A. Paredes <i>K Dwarf Companions via the CHIRON Spectrograph</i>
2020	Eliot H. Vrijmoet <i>Masses of 100 M Dwarf Stars</i>
2016	Michele L. Silverstein <i>Circumstellar Environments of M Dwarfs in the Solar Neighborhood</i>
2013	Tiffany D. Pewett <i>Exploring the Centaurs of the Solar System</i>
2013	Serge B. Dieterich <i>HLIMIT: Pinpointing the End of the Stellar Main Sequence</i>

2012	Joseph P. Chatelain <i>Photometric Study of Jupiter's Greeks and Trojans</i>
2012	Jennifer G. Winters <i>Characterization of Nearby SuperCOSMOS-RECONS Stars</i>
2009	Adric R. Riedel <i>Discovery of Young Stars Near the Sun</i>
2009	Justin R. Cantrell <i>Habitable Real Estate in the Solar Neighborhood</i>
2007	Misty A. Brown <i>Discovery of Nearby Stars with Moderate Proper Motions</i>
2007	Krupa Gandha <i>Orbits of Ten Binaries within Ten Parsecs</i>
2007	Charlie T. Finch <i>Discovery of Nearby Stars with Small Proper Motions</i>
2005	Thomas D. Beaulieu <i>A Standard Spectral Sequence of Red Dwarf Stars</i>
2005	John P. Subasavage <i>High Proper Motion Stars from SuperCOSMOS</i>

Undergraduate Research Supervised (since 2000)

Summer 2021	D. Xavier Lesley (Embry-Riddle Aeronautical University) <i>Kinematics of the Nearest K Dwarf Stars</i>
Spring 2017	R. Andrew Sevrinsky, Undergraduate of the Year (GSU) <i>Hubble Space Telescope Observations of Red/Brown Dwarfs</i>
Summer 2016	Adit Patel (GSU) <i>Characterizing 6000 New Nearby Stars</i>
Summer 2016	Fahim Zaman (GSU) <i>Photometric Effects of Close Sources in 2MASS/WISE Data</i>
Spring 2016	R. Andrew Sevrinsky (GSU) <i>Masses of Red and Brown Dwarfs</i>

Fall 2015	Daniel Nusdeo (Southern Connecticut State University) <i>Stellar Companions to K Dwarfs</i>
Summer 2015	R. Andrew Sevrinsky (GSU) <i>Distances to a Large Sample of Nearby Red Dwarfs</i>
Summer 2014	Altonio Hosey (GSU) <i>Long-Term Photometric Cycles in Red Dwarfs</i>
	Justin Rodriguez (GSU) <i>Photometry of Stars within 25 Parsecs</i>
	R. Andrew Sevrinsky (GSU) <i>Parallaxes of Stars within 50 Parsecs</i>
Summer 2013	Altonio Hosey (GSU) <i>Stellar Variability of Southern Red Dwarfs</i>
	John Lurie (GSU) <i>A Search for Planets Orbiting Nearby M Dwarfs</i>
	Justin Rodriguez (GSU) <i>Building a Database of Stars within 25 Parsecs</i>
Summer 2012	Mark Boyd (GSU) <i>Fine Wines: Red Dwarf-White Dwarf Binary Systems</i>
	Altonio Hosey, McNair Scholar (GSU) <i>Stellar Variability of Southern Red Dwarfs</i>
	John Lurie (GSU) <i>Astrometric Studies of Red and White Dwarfs</i>
Summer 2011	Mark Boyd (GSU) <i>Wide Binary Stars in the Solar Neighborhood</i>
	Altonio Hosey, McNair Scholar (GSU) <i>How Many Red Dwarf Systems Are Known in the Southern Sky?</i>
Summer 2010	Mark Boyd (Georgia Institute of Technology) <i>Faint Proper Motion Stars in the Southern Sky</i>
Spring 2010	Benjamin McCormick (GSU) <i>Building a Database of Nearby Star Candidates</i>

Summer 2009	Mark Boyd (Georgia Institute of Technology) <i>A Search for Proper Motion Stars in the Southern Sky</i>
Summer 2008	Ryan Ocean (GSU) <i>Database of Stars within 10 Parsecs</i>
Summer 2007	Jessica Echols (GSU) <i>Life Around an M Dwarf Star</i>
Summer 2006	Justin Cantrell (GSU) <i>A Comprehensive Picture of the Habitable Zones of Nearby Stars</i>
	Stephanie Ramos (GSU) <i>Techniques in Communicating Science</i>
	Jennifer Winters (GSU) <i>Photometric Studies of Nearby Stars from SuperCOSMOS</i>
Summer 2005	Justin Cantrell (GSU) in collaboration with Hektor Monteiro <i>Morphologies of Planetary Nebulae</i>
	Charlie Finch (GSU) <i>Optical Photometry for the NStars (Nearby Stars) Database</i>
	Stephanie Ramos (GSU) in collaboration with Wei-Chun Jao <i>Search for Subdwarfs at Distances less than 60 Parsecs</i>
	Jennifer Winters (GSU) <i>Revealing Hidden Binaries in Nearby Star Samples</i>
Summer 2004	Misty Brown (GSU) <i>Discovery of New Nearby Stars in the SuperCOSMOS Database</i>
	Charlie Finch (GSU) <i>Proper Motion Companions to Nearby Stars</i>
	Jennifer Winters (GSU) <i>Evaluation of Optical and Infrared Photometric Data Quality</i>
Fall 2003	Francine Beaulieu (GSU) <i>Audience Participation in Astronomy</i>
Summer 2003	Misty Brown (GSU) <i>Development of an Astrometric Database for CTIOPI Observations</i>

Charlie Finch (GSU)

Research on Optical Photometry of Nearby Stars

Jennifer Winters (GSU)

Creation of a Photometric Database of Nearby Stars

Summer 2002

Jacob Bean (Georgia Institute of Technology)

Astrometric Measurement of Multiple Stars in CTIOPI

Misty Brown (GSU)

The Infrared Brightness of Nearby Stars

Benjamin Moore (GSU)

Mapping the Motions of Stars in Binary Systems

Summer 2001

Jacob Bean (Georgia Institute of Technology)

Search for Intriguing Binaries within 25 Parsecs of the Sun

David Heidel (GSU)

Orbital Maps for Binaries Observed with the Hubble Space Telescope

Spring 2001

Jennifer King (Georgia Institute of Technology)

Titan's Spectrum and a Comparison to Uranus and Neptune

Popular Articles

3. **Henry, T.J.** 2023, *The Nearest Stars* in The Observer's Handbook, yearly from 2010–2023, eds. J. Edgar, D. Chapman, P. Kelly, The Royal Astronomical Society of Canada
2. **Cooper, K.** 2019, *Meet the Neighbors* in Sky & Telescope, January 2019, p. 34-40, article about RECONS with significant input by Todd Henry
1. **Henry, T.J.** 1996, *Brown Dwarfs Revealed — At Last!* in Sky & Telescope, April issue, p. 24

Educational/Public Outreach Paper

1. Saken, J.M. & **Henry, T.J.** 1996, *Students' Hands-On Physics (SHOP)* in Astronomy Education: Current Developments, Future Coordination, ed. J.R. Percy, (San Francisco: Astronomical Society of the Pacific), p. 272

Educational/Public Outreach Initiatives (since 1992)

2014	development of the <i>The RECONS Movie of The Nearest Stars</i> , a YouTube based video of stellar systems within 25 parsecs, led by Adric Riedel
2002	assisted in development of accurate stellar colors in <i>Are We Alone?</i> , a film for the Hayden Planetarium at the American Museum of Natural History, New York, NY
1999	provided list of nearby stars and their characteristics, and helped develop 3D representation for the map, <i>The Universe</i> for National Geographic Magazine
1998+	provided table <i>The Nearest Stars</i> for astronomy textbook The Cosmic Perspective (Appendix F) by J. Bennett, M. Donahue, N. Schneider, & M. Voit
1997	assisted in creating video sequence of stars near the Sun for the television program, <i>Are We Alone?</i> produced by CineNova Productions Inc.
1997	provided table <i>The Nearest Stars</i> for astronomy textbook Voyages Through the Universe (Appendix 10) by A. Fraknoi, D. Morrison, & S. Wolff

1994 narrated film segment for the interactive project
 Astronomy Village: Investigating the Universe
 coordinated by S. Pompea

Educational/Public Outreach Talks (since 1992)

21. March 2020 Southern Connecticut State University
 New Haven, CT
 Keynote Address: Exploring the Sun's Cooler Cousins

20. February 2020 Florida Institute of Technology
 Melbourne, FL
 Exploring the Nearest Star Systems

19. September 2019 Embry-Riddle Evening Talk
 Daytona Beach, FL
 Exploring 10000 of the Nearest Star Systems

18. September 2011 SAIL Program Invited Speaker
 Georgia State University, Atlanta, GA
 Always Be Thinking of New Ideas

17. August 2011 Benjamin Dean Lecture
 California Academy of Sciences, San Francisco, CA
 Your Map to the Stars: Exploring the Sun's Neighborhood

16. June 2009 Fun Physics Camp
 Georgia State University, Atlanta, GA
 Nearby Space and Other Worlds

15. October 2007 Open Days of Scotland
 Royal Observatory of Edinburgh, Scotland
 A Tour of the Solar Neighborhood

14. April 2007 Senior University of Greater Atlanta
 Mercer University, Atlanta, GA
 Georgia State University Astronomy

13. July 2005 Michelson Summer School
 California Institute of Technology, Pasadena, CA
 Ground-Based Parallax Programs

12. January 2005 NSF Research/Education Discussion Panel

- American Astronomical Society Meeting, San Diego, CA
Integrating Research with Education and Public Outreach
11. September 2001 Distinguished Speakers Series
American Museum of Natural History, New York, NY
Suspicious Characters Lurking in the Solar Neighborhood
 10. August 2001 Edinburgh Astronomy and Technology Public Lecture
University of Edinburgh, Scotland
Cool Neighbors Lurking in the Dark
 9. March 2001 Georgia Astronomy Club
Emory University, Atlanta, GA
Who Are Your Neighbors and How Much Do They Weigh?
 8. April 1997 School of Continuing Studies
Johns Hopkins University, Baltimore, MD
Targeting Nearby Stars that Might Harbor Life
 7. July 1996 Maryland State Governor's Academy
Towson State University, Towson, MD
Habitat Design Project
 6. July 1995 Maryland State Governor's Academy
Towson State University, Towson, MD
Habitat Design Project
 5. March 1995 Open Night at the Institute
Space Telescope Science Institute, Baltimore, MD
Knock Knock on Stellar Doors: Is ET Home?
 4. July 1994 Science Writing Workshop
George Washington University, Washington, DC
The Solar Neighbors in the Murky Depths of the Main Sequence
 3. August 1993 Maryland Space Grant Consortium *A Visit to the Third Planet*
Johns Hopkins University, Baltimore, MD
The Greenhouse Effect
 2. April 1993 Arizona Astronomy Camp for Adults
University of Arizona, Tucson, AZ
NASA Hears a Who?
 1. June 1992 Arizona Astronomy Camp for Advanced Teens

University of Arizona, Tucson, AZ
Humanity Hears a Who?

Distance Running

1980-present	completed 53 marathons — best time 2 hours 35 minutes
1991-2022	32-time qualifier and finisher of the Boston Marathon member of Boston Marathon Quarter Century Club
1995-2008	completed at least one marathon on all seven continents
2007	Kenya Safaricom Marathon, Masters Champion
1995	Antarctica Marathon (inaugural), Second Place
1993, 1996	Baltimore Road Runners Club, Runner of the Year