

JOHN E. HIBBARD
CURRICULUM VITAE

1. PERSONAL DATA

John E. Hibbard	Date of Birth: August 31, 1962
National Radio Astronomy Observatory	Place of Birth: Wiltshire, U.K.
520 Edgemont Road	Social Sec: ___-__-____
Charlottesville VA 22903-2475	Marital Status: Married, two children
WORK: (434) 296-0227	EMAIL: jhibbard@nrao.edu
FAX: (434) 296-0278	WWW: http://www.cv.nrao.edu/~jhibbard/

2. EDUCATION

Feb 1995	Ph.D. in Astronomy, Columbia University
May 1991	M.Phil. in Astronomy, Columbia University
May 1990	M.S. in Astronomy, Columbia University
May 1984	B.S. in Astronomy, Case Western Reserve University, Magna Cum Laude.
Thesis Title	<i>"The Fate of Gas in Merging Disk Galaxies"</i>
Thesis Advisor	Dr. J. H. van Gorkom, Columbia University

3. EMPLOYMENT

06/06-present	Scientist , NRAO, Charlottesville VA
03/07-09/15	Manager, North American ALMA Regional Center , NRAO, Charlottesville VA
12/05-03/07	Acting Manager, North American ALMA Regional Center , NRAO, Charlottesville VA
06/02-05/06	Associate Scientist , NRAO, Charlottesville VA
07/99-present	Adjunct Faculty , Univ. of Virginia Dept. of Astronomy, Charlottesville VA
07/99-05/02	Assistant Scientist , NRAO, Charlottesville VA
08/97-07/99	Jansky Postdoctoral Fellow , NRAO, Charlottesville VA
08/94-08/97	Hubble Postdoctoral Fellow , STScI. Host Institute: IfA, HI Title: <i>The Connection between Disk-Disk Mergers and ULIR Galaxies</i>
06/90-07/94	Research Assistant , Columbia University, NYC NY
06/88-09/88	Summer Research Assistant , NRAO, Socorro NM
09/88-06/90	Teaching Assistant , Columbia University, NYC NY
11/85-05/88	Member of the Technical Staff Hughes Aircraft Company, Canoga Park, CA
06/85-09/85	Summer Research Assistant , NRAO, Socorro NM
06/84-09/84	Summer Research Assistant , NRAO, Socorro NM
06/81-06/85	Student Research Assistant , CWRU, Cleveland OH

4. AWARDS AND FELLOWSHIPS

2014	NRAO Continuing Appointment
2012	NRAO Distinguished Performance Award
1997	Robert J. Trumpler Award , from the Astronomical Society of the Pacific for Outstanding North American PhD Thesis.
1997	Jansky Postdoctoral Fellowship , NRAO.
1994	Hubble Postdoctoral Fellowship , Institute for Astronomy.
1984	J.J. Naussau Astronomy Award , CWRU.

5. PROFESSIONAL SOCIETIES

2000-present	International Astronomical Union
1997-present	Astronomical Society of the Pacific
1994-present	American Astronomical Society

JOHN E. HIBBARD

Bibliography

last updated: Nov 2015

1. REFEREED RESEARCH PAPERS

- [44.] “*The 2014 ALMA Long Baseline Campaign: An Overview*”, ALMA Partnership; Fomalont, E. B. **et al.** 2015, ApJL, 808, L1
- [43.] “*The 2014 ALMA Long Baseline Campaign: Observations of Asteroid 3 Juno at 60 Kilometer Resolution*”, ALMA Partnership; Hunter, T. R. **et al.** 2015, ApJL, 808, L2
- [42.] “*The 2014 ALMA Long Baseline Campaign: First Results from High Angular Resolution Observations toward the HL Tau Region*”, ALMA Partnership; Brogan, C. L. **et al.** 2015, ApJL, 808, L3
- [41.] “*The 2014 ALMA Long Baseline Campaign: Observations of the Strongly Lensed Submillimeter Galaxy HATLAS J090311.6+003906 at $z = 3.042$* ”, ALMA Partnership; Vlahakis, C. **et al.** 2015, ApJL, 808, L4
- [40.] “*Constraining globular cluster formation through studies of young massive clusters - V. ALMA observations of clusters in the Antennae*”, Cabrera-Ziri, I.; Bastian, N.; Longmore, S. N.; Brogan, C.; Hollyhead, K.; Larsen, S. S.; Whitmore, B.; Johnson, K.; Chandar, R.; Henshaw, J. D.; Davies, B.; **Hibbard, J. E.** 2015, MNRAS, 448, 2224
- [39.] “*The Physical Conditions in a Pre-super Star Cluster Molecular Cloud in the Antennae Galaxies*”, Johnson, K. E.; Leroy, A. K.; Indebetouw, R.; Brogan, C. L.; Whitmore, B. C.; **Hibbard, J.**; Sheth, K.; Evans, A. S. 2015, ApJ, 806, 35
- [38.] “*ALMA Observations of the Antennae Galaxies I: A New Window on a Prototypical Merger*”, Whitmore, B.C., Brogan, C., Chandar, R., Evans, A.S., **Hibbard, J.E.**, Johnson, K.E., Leroy, A., Privon, G.C., Remijan A., Sheth, K. 2014, ApJ, 795, 156
- [37.] “*Dynamical Modeling of Galaxy Mergers using Identikit*”, Privon, G.C., Barnes, J.E., Evans, A.S., **Hibbard, J.E.**, Yun, M.S., Mazzarella, J.M., Armus, L., Surace, J. 2013, ApJ, 771, 120
- [38.] “*Under Pressure: Star Clusters and the Neutral Hydrogen Medium of Tidal Tails*, Mullan, B., Kepley, A.A., Maybhate, A., English, J., Knierman, K., **Hibbard, J.E.**, Bastian, N., Charlton, J.C., Durrell, P.R., Gronwall, C., Elmegreen, D., Konstantopoulos, I.S. 2013, ApJ, 768, 194
- [37.] “*Examining the Role of Environment in a Comprehensive Sample of Compact Groups*, Walker, L.M., Johnson, K. E., Gallagher, S.C., Charlton, J.C., Hornschemeier, A.E., **Hibbard, J.E.** 2012, AJ, 143, 69
- [36.] “*Spitzer IRS Spectral Mapping of the Toomre Sequence: Spatial Variations of PAH, Gas, and Dust Properties in nearby Major Mergers*, Haan, S. et al. 2011, ApJS, 197, 27
- [35.] “*Star Clusters in the Tidal Tails of Interacting Galaxies: Cluster Populations Across a Variety of Tail Environments*”, Mullan, B., et. al 2011, ApJ, 731, 93
- [34.] “*Mid-Infrared Evidence for Accelerated Evolution in Compact Group Galaxies*”, Walker, L. M., Johnson, K. E., Gallagher, S. C., **Hibbard, J. E.**, Hornschemeier, A. E., Charlton, J. C. & Jarrett, T. H. 2010, AJ, 140, 1254
- [33.] “*Galaxy Evolution in a complex environment: a multi-wavelength study of HCG 07*”, Konstantopoulos, I. S., Gallagher, S. C., Fedotov, K., Durrell, P. R., Heiderman, A., Elmegreen, D. M., Charlton, J. C., **Hibbard, J. E.**, et. al 2010, ApJ, 723, 197
- [32.] “*ESO 381-47, an early-type galaxy with extended HI and a star forming ring*”, Donovan, J. L., Serra, P., van Gorkom, J. H., Trager, S. C., Oosterloo, T., **Hibbard, J. E.**, Morganti, R., Schiminovich, D., & van der Hulst, J. M. 2009, AJ, 137, 5037
- [31.] “*Identikit 1: A Modeling Tool for Interacting Disk Galaxies*”, Barnes, J. E. & **Hibbard, J.E.** 2009, AJ, 137, 3071.
- [30.] “*A New Red Giant-based Distance Modulus of 13.3 Mpc to the Antennae Galaxies and Its Consequences*”, Saviane, I., Momany, Y. da Costa, G. S., Rich, R. M. & **Hibbard, J.E.** 2008, ApJ, 678, 179.
- [29.] “*The Revealing Dust: Mid-Infrared Activity in Hickson Compact Group Galaxy Nuclei*”, Gallagher, S. C., Johnson, K. E., Hornschemeier, A. E., Charlton, J. C. & **Hibbard, J. E.** 2008, ApJ, 673, 730.
- [28.] “*The Toomre Sequence Revisited with HST NICMOS: Nuclear Brightness Profiles and Colors of Interacting and Merging Galaxies*”, Rossa, J., Laine, S., van der Marel, R. P., Mihos, J. C., **Hibbard, J. E.**, Böker, T. & Zabludoff, A. I. 2007, AJ, 134, 2124
- [27.] “*An HI Threshold for Star Cluster Formation in Tidal Debris*”, Maybhate, A., Masiero, J., **Hibbard, J. E.**, Charlton, J. C., Plama, C., Knierman, A., & English, J. 2007, MNRAS, 381, 59

- [26.] “*The Infrared Properties of Hickson Compact Groups*”, Johnson, K. E., **Hibbard, J. E.**, Gallagher, S. C., Charlton, J. C. & Hornschemeier, A. E. 2007, AJ, 134, 1522
- [25.] “*How Dry are Red Mergers?*”, Donovan, J. L., **Hibbard, J. E.** & van Gorkom, J. H. 2007, AJ, 134, 1118
- [24.] “*Ultracompact Blue Dwarf Galaxies: HST Imaging and Stellar Population Analysis*”, Corbin, M. R., Vacca, W. D., Cid Fernandes, R., **Hibbard, J. E.**, Somerville, R. S. & Windhorst, R. A. 2006, ApJ, 651, 861
- [23.] “*Hubble Space Telescope Imaging of the Ultracompact Blue Dwarf Galaxy HS0822+3542: An Assembling Galaxy in a Local Void?*”, Corbin, M. R., Vacca, W. D., **Hibbard, J.E.**, Somerville, R.S. & Windhorst, R. A. 2005, ApJL, 629, L89
- [22.] “*UBVR and HST mid-UV and Near-IR Surface Photometry and Radial Color Gradients of Late-type, Irregular, and Peculiar Galaxies,*”, Taylor, V. A., Jansen, R. A., Windhorst, R. A., Odewahn, S. C. & **Hibbard, J. E.**, 2005, ApJ, 630, 784
- [21.] “*UV Morphology and Star Formation in the Tidal Tails of NGC 4038/9*”, **Hibbard, J.E.** et al. 2005, ApJL, 619, L87
- [20.] “*The HI distribution in Four Blue Compact Dwarf Galaxies*”, Thuan, T.X., **Hibbard, J.E.** & Levrier, F. 2004, AJ, 128, 617
- [19.] “*The Stellar Content of the Southern Tail of NGC 4038/9 and a Revised Distance*”, Saviane, I., **Hibbard, J.E.** & Rich, R. M. 2004, AJ, 127, 660
- [18.] “*Hubble Space Telescope/WFPC2 Investigation of The Nuclear Morphology in the Toomre Sequence of Merging Galaxies*”, S. Laine, R. van der Marel, J. Rossa, **J.E. Hibbard**, J.C. Mihos, T. Boker & A. Zabludoff, 2003, AJ, 126, 2717
- [17.] “*From Globular Clusters to Tidal Dwarfs: Structure Formation in the Tidal Tails of Merging Galaxies*”, K. Knierman, S. Gallagher, J. Charlton, S. Hunsberger, B. Whitmore, A. Kundu, **J.E. Hibbard** & D. Zaritsky, 2003, AJ, 126, 1227
- [16.] “*A Search for HI in Five Ellipticals with Fine Structure*”, **J.E. Hibbard** & A.E. Sansom, 2003, AJ, 125, 667
- [15.] “*An HST Survey of the Mid-UV Morphology of Nearby Galaxies*”, Windhorst, R.A., Taylor, V.A., Odewahn, S.C., Chiarenza, C.A., de Grijs, R., de Jong, R.S., Frogel, J.A., Eskridge, P.B., Gallagher, J.S., Conselice, C., **Hibbard, J.E.**, Matthews, L., MacKenty, J. & O’Connell, R.W., 2002, ApJS, 143, 113
- [14.] “*High-Resolution HI Mapping of NGC 4038/9 (“The Antennae”) and its Tidal Dwarf Galaxy Candidates*”, **J.E. Hibbard**, J.M. van der Hulst, J.E. Barnes, & R.M. Rich, 2001, AJ, 122, 2969
- [13.] “*Molecular Gas in Optically Selected Mergers*”, M.S. Yun & **J.E. Hibbard**, 2001, ApJ, 550, 104
- [12.] “*The Cold and Hot Gas Content of Fine-Structure E and S0 Galaxies*”, A. E. Sansom, **J.E. Hibbard**, & F. Schweizer, 2000, AJ, 120, 1946
- [11.] “*The Neutral Hydrogen Distribution in Merging Galaxies: Differences between Stellar and Gaseous Tidal Morphologies*”, **J.E. Hibbard**, W.D. Vacca & M.S. Yun, 2000, AJ, 119, 1130
- [10.] “*Luminosity Profiles of Merger Remnants*”, **J.E. Hibbard** & M.S. Yun, 1999, ApJL, 522, L93
- [9.] “*A 180 Kpc Tidal Tail in the Luminous Infrared Merger Arp 299*”, **J.E. Hibbard** & M.S. Yun 1999, AJ, 118, 162
- [8.] “*The Redshifts of Galaxies Around Arp 220*”, Y. Ohyama, Y. Taniguchi, **J.E. Hibbard** & W.D. Vacca 1999, AJ, 117, 2617
- [7.] “*Radio AGNs Among Luminous Infrared Galaxies*”, M.S. Yun, **J.E. Hibbard**, J.J. Condon & K. Reddy 1999, Ap&SS, 266, 29.
- [6.] “*Optical Light Curves of the Type Ia Supernovae 1990N and 1991T*”, Lira, P. et al., 1998 AJ, 115, 234.
- [5.] “*The Apparent Morphology of Peculiar Galaxies at Intermediate to High Redshifts*”, **J.E. Hibbard** & W.D. Vacca 1997, AJ, 114, 1741.
- [4.] “*HI, HII, and R-band Observations of A Galactic Merger Sequence*”, **J.E. Hibbard** & J.H. van Gorkom 1996, AJ, 111, 655.
- [3.] “*Dynamical Modeling of NGC 7252 and the Return of Tidal Material*” **J.E. Hibbard** & J.C. Mihos 1995, AJ 110, 140.
- [2.] “*Cold, Warm, and Hot Gas in The Late-Stage Merger NGC 7252*”, **J.E. Hibbard**, P. Guhathakurta, J.H. van Gorkom & F. Schweizer 1994, AJ 107, 67.
- [1.] “*Mkn 348: a Tidally Disturbed Seyfert Galaxy*”, S.M. Simkin, J. van Gorkom, **J. Hibbard** & H. Su 1987, Science 235, 1367.

2. INVITED TALKS

- [18.] “*Simulating the Dynamics of the Gas in Interacting Galaxies*”, Invited talk at “Gas & Stars in Galaxies - A Multi-Wavelength 3D Perspective”, Garching, Germany, June 10-13 2008
- [17.] “*Interaction Driven Galaxy Evolution: The Fate of the Cold Gas*”, Invited talk at “The Evolution of Galaxies through the Neutral Hydrogen Window”, Arecibo Observatory, February 1-3 2008
- [16.] “*The North American ALMA Science Center*”, Invited talk at ALMA Community Days, Garching, Germany September 3-6 2007
- [15.] “*The Fate of Gas in Merging Galaxies*”, Invited Review at Radionet Workshop “The Fate of the Gas in Galaxies”, Dwingeloo, NL July 12-14 2006
- [14.] “*Ultracompact Blue Dwarf Galaxies*”, Invited talk at ALFALFA Workshop, Cornell University, NY June 23-24 2006
- [13.] “*Spitzer Observations of Hickson Compact Groups of Galaxies*”, Invited Talk at ESO Workshop “Nearby Groups of Galaxies”, Santiago, Chile December 5-9 2005
- [12.] “*Tidal Debris*”, Invited Talk STScI Workshop “Galactic Flows: The Galaxy/IGM Ecosystem Miniworkshop”, March 6-9 2005
- [11.] “*The Antennae in the Merging Sequence*”, Invited Talk at the Special Topical Session of the 203rd AAS, Jan 2004
- [10.] “*Structure Formation in Tidal Tails*”, Invited Review at Symposium 217 of the IAU General Assembly, Sydney, July 2003
- [9.] “*Imaging the Radio Universe*”, Invited Public Talk for the Cleveland Museum of Natural History “Frontiers in Astronomy” lecture series, May 20th 2003
- [8.] “*Cold Gas in Merger Remnants and the Expected Structure of Their Remnants*”, Invited Review at the Ringberg Workshop on The Formation and Evolution of Giant Elliptical Galaxies, November 2001
- [7.] “*Structure Formation in Tidal Debris*”, Invited Talk at the Special Topical Session of the 198th AAS, June 2001
- [6.] “*High Resolution H I Observations of the Tidal Dwarf Galaxy in NGC 4038/9 (The Antennae)*”, Invited Talk at the Saclay workshop on Tidal Dwarf Galaxies, February 24-25 2001.
- [5.] “*Mergers of Galaxies from an HI Perspective*” **J.E. Hibbard**, 2000, Invited Review at the conference “*Galaxy Dynamics: from the Early Universe to the Present*”, ASP Conf. Vol. 197, eds. F. Combes, G. A. Mamon and V. Charmandaris (San Francisco: ASP), 285
- [4.] “*Tidal H I in Merging Galaxies*”, **J.E. Hibbard**, 1997, invited review at the Green Bank Science Workshop on “*Highly Redshifted Radio Lines*”, October 9-11 1997, J. Lockman, G. Langstrom, & C. Carilli chairs.
- [3.] “*Mergers, Interactions, and the Fueling of Starbursts*” **J.E. Hibbard**, 1997, invited review at The 7th Annual Astrophysics Conference in Maryland, “*Star Formation, Near and Far*”, eds. S.S. Holt & L.G. Mundy (NYC: AIP), p. 259.
- [2.] “*Tidal H I in Merging Galaxies*”, **J.E. Hibbard**, 1996, invited talk at the Aspen Summer Workshop “*Galaxy Interactions at Low and High Redshift*”, June 17-30 1996, J. Barnes Chair.
- [1.] “*H I and H₂ in Luminous Interacting Galaxies*” N.Z. Scoville, **J.E. Hibbard**, M.S. Yun, J.H. van Gorkom, 1994, invited review at the conference “*Mass Transfer Induced Activity in Galaxies*”, ed. I. Shlosman (Cambridge University Press:Cambridge), p. 191.

3. PUBLISHED CONFERENCE PROCEEDINGS

- [27.] “*The ALMA CONOPS project: the impact of funding decisions on observatory performance*”, Ibsen, J., **Hibbard, J.**, Filippi, G. 2014, in SPIE Vol. 9149, “*Observatory Operations: Strategies, Processes, and Systems V*, eds. A. B. Peck, C. R. Benn, R. L. Seaman (SPIE Homepage)
- [26.] “*Status of ALMA offline software in the transition from construction to full operations*”, Espada, D., Saito, M., et al. 2014, in SPIE Vol. 9149, “*Observatory Operations: Strategies, Processes, and Systems V*, eds. A. B. Peck, C. R. Benn, R. L. Seaman (SPIE Homepage)
- [25.] “*ALMA observations during its first early science cycles*”, Nyman, L.-A, Cox., P., Corder, S., Saito, M., Lungren, A., Vila-Vilaro, B., Espada, D., Villard, E., Barrios, E., Andreani, P., **Hibbard, J.**, Tatematsu, K. 2014, in SPIE Vol. 9149, “*Observatory Operations: Strategies, Processes, and Systems V*, eds. A. B. Peck, C. R. Benn, R. L. Seaman (SPIE Homepage)

- [24.] “*Examining the Role of Environment in a Comprehensive Sample of Compact Groups*, Walker, L.M., Johnson, K. E., Gallagher, Hibbard, J.E., S.C., Hornschemeier, A.E., Charlton, J.C., Tzanavaris, P. in *Galaxy Formation: An International Conference*, id.P138 (<http://astro.dur.ac.uk/Gal2011>)
- [23.] “*ALMA science operations*”, Nyman, L.-A, Andreani, P., **Hibbard, J.**, Okumura, S. K., 2010, in SPIE Vol. 7737, “*Observatory Operations: Strategies, Processes, and Systems III*, eds. D. Silva, A. Peck, T. Soifer, B (SPIE Homepage)
- [23.] “*The environment of nearby Blue Compact Dwarf Galaxies*”, Lopez-Sanchez, A. R., Koribalski, B., van Eymeren, J., Esteban, C., Popping, A. & **Hibbard, J.** 2010, in ASP Conf. Vol. 421 “*Galaxies in Isolation: Exploring Nature vs. Nurture*”, eds. L. Verdes-Montenegro, A. del Olmo, & J. Sulentic (San Francisco: ASP), 65
- [22.] “*Mid-Infrared Evidence for Accelerated Evolution in Compact Group Galaxies*”, Walker, L. M., Johnson, K. E., Gallagher, S. C., **Hibbard, J. E.**, Hornschemeier, A. E., Charlton, J. C. & Jarrett, T. H. 2010, in ASP Conf. Vol. 423, “*Galaxy Wars: Stellar Populations and Star Formation in Interacting Galaxies*”, eds. B. Smith, N. Bastian, S. Higdon, & J. Higdon (San Francisco: ASP), 88
- [21.] “*Tidal Tails in Interacting Galaxies: Formation of Compact Stellar Structures*”, Mullan, B., et al. 2010, in ASP Conf. Vol. 423, “*Galaxy Wars: Stellar Populations and Star Formation in Interacting Galaxies*”, eds. B. Smith, N. Bastian, S. Higdon, & J. Higdon (San Francisco: ASP), 129
- [20.] “*The Impact and Fate of the ISM in Compact Groups of Galaxies*”, Jarrett, T., Johnson, K., **Hibbard, J.**, Gallagher, S., Charlton, J. & Hornschemeier, A. 2009, in “*The Evolving ISM in the Milky Way and Nearby Galaxies, The Fourth Spitzer Science Center Conference*”, Eds. K. Sheth, A. Noriega-Crespo, J. Ingalls, and R. Paladini (https://cat.ipac.caltech.edu/ssconf07/view_abstract.php?id=97)
- [19.] “*Near-UV Merger Signatures in Early-Type Galaxies*”, Martin, J. R., O’Connell, R. W. & **Hibbard, J. E.** 2007, in “*New Quests in Stellar Astrophysics II, Ultraviolet Properties of Evolved Stellar Populations*”, Eds M. Chavez, E. Bertone, D. Rosa-Gonzalez and L. H. Rodriguez-Merino (Springer-Verlag) (astro-ph/0707.1793)
- [18.] “*Spitzer Imaging of nearby ULIRGs and their Progeny: Fine-Structure Elliptical Galaxies*”, J. A. Surace et al., in Proceedings of the 2005 Lijiang Conference, “*Extreme Starbursts: Near and Far*”, eds. Yu Gao & D. B. Sanders (Pub. PMO) (astro-ph/0601066)
- [17.] “*The Dynamical Masses of Tidal Dwarf Galaxies*”, **J.E. Hibbard** & J.E. Barnes, 2004, in IAU Symposium Series, Vol. 217, “*Recycling Intergalactic and Interstellar Matter*”, eds. P.-A. Duc, J. Braine, & E. Brinks (San Francisco: ASP), 510
- [16.] “*Stellar Associations in the Tail of NGC 4038*”, I. Saviane, **J.E. Hibbard**, & R.M. Rich, 2004, in IAU Symposium Series, Vol. 217, “*Recycling Intergalactic and Interstellar Matter*”, eds. P.-A. Duc, J. Braine, & E. Brinks (San Francisco: ASP), 546
- [15.] “*HST Observations of the Toomre Sequence of Merging Galaxies*”, J. Rossa, R.P. van der Marel, T. Böker, S. Laine, J.C. Mihos, **J.E. Hibbard**, & A.I. Zabludoff, 2004, in IAU Symposium Series, Vol. 217, “*Recycling Intergalactic and Interstellar Matter*”, eds. P.-A. Duc, J. Braine, & E. Brinks (San Francisco: ASP), 432
- [14.] “*HST Observations of the Nuclear Regions of the Toomre Sequence of Merging Galaxies*”, S. Laine, R.P. van der Marel, T. Böker, J.C. Mihos, **J.E. Hibbard**, & A.I. Zabludoff, 2003, in ASP Conf. Vol. 249, “*The Central kpc of Starbursts and AGN*”, ed. J.H. Knapen, J.E. Beckman, I. Shlosman & T.J. Mahoney (San Francisco: ASP), 179
- [13.] “*An H I Rogues Gallery*”, **J.E. Hibbard**, J.H. van Gorkom, M.P. Rupen & D. Schiminovich, 2001, in ASP Conf. Vol. 240, “*Gas and Galaxy Evolution: a celebration of the 20th Anniversary of the VLA*”, ed. J. E. Hibbard, M. P. Rupen & J. H. van Gorkom (San Francisco: ASP), 657
- [12.] “*High-Resolution H I mapping of the Tidal Dwarf Candidate in NGC 4038/9*”, **J.E. Hibbard** & J. H. Higdon, 2001, in ASP Conf. Vol. 240, “*Gas and Galaxy Evolution: a celebration of the 20th Anniversary of the VLA*”, ed. J. E. Hibbard, M. P. Rupen & J. H. van Gorkom (San Francisco: ASP), 226
- [11.] “*The Cold and Hot Gas Content of Fine-Structure E and S0 Galaxies*”, A. E. Sansom, **J.E. Hibbard**, & F. Schweizer, 2001, in ASP Conf. Vol. 240, “*Gas and Galaxy Evolution: a celebration of the 20th Anniversary of the VLA*”, eds. J. E. Hibbard, M. P. Rupen & J. H. van Gorkom (San Francisco: ASP), 232
- [10.] “*HI in IRAS-Selected Early Type Galaxies*”, M.P. Rupen, **J.E. Hibbard** & K. Bunker 2001, in ASP Conf. Vol. 240, *Gas and Galaxy Evolution: a celebration of the 20th Anniversary of the VLA*, eds. J. E. Hibbard, M. P. Rupen & J. H. van Gorkom (San Francisco: ASP), 657

- [9.] “*From Globular Clusters to Tidal Dwarfs: Structure Formation in Tidal Tails*”, J. Charlton, K. Knierman, S. Hunsberger, S. Gallagher, B. Whitmore, A. Kundu & **J.E. Hibbard**, 2000, in “*HST Symposium: Celebrating 10 years of HST*”, 20
- [8.] “*Mergers of Galaxies from an HI Perspective*” **J.E. Hibbard**, 2000, in “*Galaxy Dynamics: from the Early Universe to the Present*”, ASP Conf. Vol. 197, eds. F. Combes, G. A. Mamon and V. Charmandaris (San Francisco: ASP), 285
- [7.] “*Luminosity Profiles of Merger Remnants*” **J.E. Hibbard** & M. S. Yun, 2000, “*Galaxy Dynamics: from the Early Universe to the Present*”, ASP Conf. Vol. 197, eds. F. Combes, G. A. Mamon and V. Charmandaris (San Francisco: ASP), 349
- [6.] “*The Neutral Hydrogen Distribution in Luminous Infrared Galaxies*”, **J.E. Hibbard** & M.S. Yun, 1996, “*Cold Gas at High Redshift*” eds. M. Bremer, H. Rottgering, P. van der Werf & C.L. Carilli (Kluwer:Dordrecht), p. 47.
- [5.] *Cold, Warm, and Hot Gas in The Merged Galaxy Pair NGC 7252*”, P. Guhathakurta, **J.E. Hibbard**, J.H. van Gorkom & F. Schweizer 1995, ApAS, 16, 259
- [4.] “*Gas Clumps in Tidal Tails*”, **J.E. Hibbard**, J.H. van Gorkom, 1993, *ASP conference series, Vol. 48, “The Globular Cluster–Galaxy Connection*” eds. G.H. Smith & J.P. Brodie, (ASP:San Francisco), p. 619.
- [3.] “*Gas in Merging Galaxies*”, **J.E. Hibbard**, J.H. van Gorkom, S. Kasow, D.J. Westpfahl, 1993, “*The Evolution of Galaxies and their Environment*”, eds. D. Hollenbach, H.A. Thronson, & J.M. Shull (NASA), p. 367.
- [2.] “*NGC 5102: An SO galaxy with a Blue Bulge*”, **J.E. Hibbard**, R. M. Rich, 1990, *Galactic Bulges, ESO/CTIO conf.*, eds. B. Jarvis & D. Terndrup (Garching:ESO), p.295.
- [1.] “*Ram Pressure Stripping of Tidally Disrupted Galaxies: NGC 4438, Shaked and Baked*”, **J.E. Hibbard**, J.H. van Gorkom, 1990, “*The Interstellar Medium in Galaxies*”, eds. D.J. Hollenbach & H.A. Thronson, Jr. (NASA), p. 214.

4. STUDENTS SUPERVISED OR CO-SUPERVISED

- [17.] George Privon, UVa (Ph.D. Thesis Project, with A. Evans, NRAO/UVa), HI Observations of GOALS Galaxies (related to previous work HI in IR Luminous Galaxies, 2010—2014)
- [16.] Brendan "Moose" Mullan, PSU (Ph.D. Thesis Project, with J. Charlton, PSU), Star Clusters in the Tidal Tails of Interacting Galaxies, 2009—2011
- [15.] Lisa-May Walker, University of Virginia (Ph.D Thesis project, with K. Johnson, UVa), Spitzer observations of Compact Group Galaxies, 2009—2010
- [14.] Jodie R. Martin, University of Virginia (Ph.D Thesis project, with R. O'Connell UVa), Near-UV Merger Signatures in Early-Type Galaxies (astro-ph/0707.1793), 2002—2007
- [13.] Amanda Heiderman, University of California-Berkeley (NRAO Summer Student, with K. Johnson, UVa), VLA HI and Spitzer mid-IR Observations of Hickson Compact Groups, 2005
- [12.] Julia Sandell, Barnard College/Columbia University (NRAO Summer REU Student), HI and GALEX Observations of Interacting Galaxies, 2005
- [11.] Sara Sallam, University of Virginia (Senior Thesis project; with T.X. Thuan, UVa), HI Observations of Three Blue Compact Dwarf Galaxies, 2004—2005
- [10.] Randy McEntaffer, University of Colorado (2nd year project with J. Stocke, U.Colorado), The Environment of the low-redshift Ly- α absorbers in the Mrk 817 sightline, 2002
- [9.] Megan Kohring, University of Virginia (Masters project, Astronomy), Mass Estimates of Tidal Dwarf Galaxies in N-body Simulations of Colliding Disk Galaxies, 2000-2002
- [8.] Matthew Garvin, University of Virginia (Masters project, Astronomy; with T.X. Thuan, UVa), HI of Low-Mass dwarf Irregulars, 2000—2001
- [7.] Erin Geaney, University of Virginia (Senior Thesis, Comp. Sci.) & Colleen Conneaney, University of Virginia (Senior Thesis, Comp. Sci.), Identikit: A Visualization Tool for N-body Simulations, 2000—2001
- [6.] Caylin Mendelowitz, Evergreen State University (NRAO Summer REU Student) (with L. Matthews, NRAO), The Rotation Curve and Mass Decomposition of the Superthin Galaxy UGC 711, 2000
- [5.] Chris Power, Trinity College & Durham (NRAO Summer GRP Student), Visualization of N-body Data and Numerical Modeling of The Antennae, 1999-2000
- [4.] Veronica Ponce, University of Virginia (UVa Senior Tutorial), Spectral Line Observations of Interacting Galaxies, 1999-2000
- [3.] Francois Levrier, Ecole Normale Suprieure (with T.X. Thuan at UVa), HI Observations of Blue Compact Dwarfs, 1998-1999
- [2.] Greg Stinson, Charlton College (NRAO Summer REU Student), Numerical Modeling of Arp 299, 1998
- [1.] Kjersten Bunker, NCSU (NRAO Summer REU Student), HI in Infrared Bright Ellipticals, 1998