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Educational Background:

- 2012 PhD Astrophysics (expected) - University of Colorado, Boulder
- 2009 M.S. Astrophysics - University of Colorado, Boulder
- 2006 B.S. Astrophysics - Rice University

Professional Employment:

- 2007-present - Graduate Research Assistant - Center for Astrophysics and Space Astronomy, University of Colorado, Boulder, CO
- 2007-2010 - Teaching Assistant - Department of Astrophysical and Planetary Sciences, University of Colorado, Boulder, CO
- 2007 - Research Assistant - Department of Physics and Astronomy, University of Denver, Denver, CO

Areas of Research:

The astrophysics of massive star formation and the interstellar medium, with a focus on millimeter observations of proto-cluster clumps and massive outflows. Observing with single-dish heterodyne and continuum millimeter instruments, single dish and synthesis array radio imaging, and optical and near infrared imaging and spectroscopy.

Conferences:

- MW2011 Contributed Talk “The Bolocam Galactic Plane Survey”
- Stars to Galaxies 2010 Poster “Star Formation in Perseus Arm Complexes”
- AAS 217 Poster “Formaldehyde Densitometry of Dust Clumps: The shapes and densities of massive star forming regions”
- AAS 215 Poster “The Bolocam Galactic Plane Survey: Data, Early Results, and Future Directions”
- IRAM single-dish summer school 2009
- VLA synthesis imaging summer school and summer REU 2006

Teaching:

- Summer 2010 Co-taught ASTR 1020 - Stars and Galaxies
- Fall 2007-2011 Teaching Assistant for advanced undergraduate labs ASTR 3510 - Imaging and ASTR3520 - Spectroscopy

Honors/Awards:

- 2011 University of Colorado Chance Irick Cooke Fellowship
- 2010 NRAO Green Bank Student Observing Support
- 2008,2009,2010 NSF GRFP Honorable Mention
- 2008 NRAO Photo Contest First Prize
- 2008 University of Colorado Astrophysical and Planetary Sciences Excellence in Teaching award
- 2006 National Radio Astronomy Observatory - summer REU with David Meiers

Publications:

- Aguirre, J. E., **Ginsburg**, A. G., Dunham, M. K., Drosback, M. M., Bally, J., Battersby, C., Bradley, E. T., Cyganowski, C., Dowell, D., Evans, II, N. J., Glenn, J., Harvey, P., Rosolowsky, E., Stringfellow, G. S., Walawender, J., & Williams, J. P., *The Bolocam Galactic Plane Survey: Survey Description and Data Reduction*. 2011, ApJS, 192, 4
- Battersby, C., Bally, J., **Ginsburg**, A., Bernard, J. ., Brunt, C., Fuller, G. A., Martin, P., Molinari, S., Mottram, J., Peretto, N., Testi, L., & Thompson, M. A., *Characterizing Precursors to Stellar Clusters with Herschel*. 2011, A&A(accepted)
- Ginsburg**, A., Bally, J., & Williams, J., *JCMT HARP CO 3-2 Observations of Molecular Outflows in W5*. 2011a, MNRAS(accepted)
- Ginsburg**, A., Darling, J., Battersby, C., Zeiger, B., & Bally, J., *Galactic H₂CO Density. I. Pilot Survey of Ultracompact H II Regions and Methodology*. 2011b, ApJ, 736, 149
- Schlingman, W. M., Shirley, Y. L., Schenk, D. E., Rosolowsky, E., Bally, J., Battersby, C., Dunham, M. K., Ellsworth-Bowers, T. P., Evans, II, N. J., **Ginsburg**, A., & Stringfellow, G., *The Bolocam Galactic Plane Survey. V. HCO⁺ and N₂H⁺ Spectroscopy of 1.1 mm Dust Continuum Sources*. 2011, ApJS, 195, 14
- van Aarle, E., van Winckel, H., Lloyd Evans, T., Ueta, T., Wood, P. R., & **Ginsburg**, A. G., *The optically bright post-AGB population of the LMC*. 2011, A&A, 530, A90+
- Bally, J., Aguirre, J., Battersby, C., Bradley, E. T., Cyganowski, C., Dowell, D., Drosback, M., Dunham, M. K., Evans, II, N. J., **Ginsburg**, A., Glenn, J., Harvey, P., Mills, E., Merello, M., Rosolowsky, E., Schlingman, W., Shirley, Y. L., Stringfellow, G. S., Walawender, J., & Williams, J., *The Bolocam Galactic Plane Survey: $\lambda = 1.1$ and 0.35 mm Dust Continuum Emission in the Galactic Center Region*. 2010a, ApJ, 721, 137
- Bally, J., Anderson, L. D., Battersby, C., Calzoletti, L., Digiorgio, A. M., Faustini, F., **Ginsburg**, A., Li, J. Z., Nguyen-Luong, Q., Molinari, S., Motte, F., Pestalozzi, M., Plume, R., Rodon, J., Schilke, P., Schlingman, W., Schneider-Bontemps, N., Shirley, Y., Stringfellow, G. S., Testi, L., Traficante, A., Veneziani, M., & Zavagno, A., *Herschel observations of the W43 “mini-starburst”*. 2010b, A&A, 518, L90+
- Battersby, C., Bally, J., Jackson, J. M., **Ginsburg**, A., Shirley, Y. L., Schlingman, W., & Glenn, J., *An Infrared Through Radio Study of the Properties and Evolution of IRDC Clumps*. 2010, ApJ, 721, 222
- Dunham, M. K., Rosolowsky, E., Evans, II, N. J., Cyganowski, C. J., Aguirre, J., Bally, J., Battersby, C., Bradley, E. T., Dowell, D., Drosback, M., **Ginsburg**, A., Glenn, J., Harvey, P., Merello, M., Schlingman, W., Shirley, Y. L., Stringfellow, G. S., Walawender, J., & Williams, J. P., *The Bolocam Galactic Plane Survey. III. Characterizing Physical Properties of Massive Star-forming Regions in the Gemini OB1 Molecular Cloud*. 2010, ApJ, 717, 1157
- Rosolowsky, E., Dunham, M. K., **Ginsburg**, A., Bradley, E. T., Aguirre, J., Bally, J., Battersby, C., Cyganowski, C., Dowell, D., Drosback, M., Evans, II, N. J., Glenn, J., Harvey, P., Stringfellow, G. S., Walawender, J., & Williams, J. P., *The Bolocam Galactic Plane Survey. II. Catalog of the Image Data*. 2010, ApJS, 188, 123
- Yan, C.-H., Minh, Y. C., Wang, S.-Y., Su, Y.-N., & **Ginsburg**, A., *Star-forming Region Sh 2-233IR. I. Deep Near-infrared Observations toward the Embedded Stellar Clusters*. 2010, ApJ, 720, 1
- Ginsburg**, A. G., Bally, J., Yan, C.-H., & Williams, J. P., *Outflows and Massive Stars in the Protocluster IRAS 05358+3543*. 2009, ApJ, 707, 310

- Rubin, D., Hony, S., Madden, S. C., Tielens, A. G. G. M., Meixner, M., Indebetouw, R., Reach, W., **Ginsburg**, A., Kim, S., Mochizuki, K., Babler, B., Block, M., Bracker, S. B., Engelbracht, C. W., For, B.-Q., Gordon, K., Hora, J. L., Leitherer, C., Meade, M., Misselt, K., Sewilo, M., Vjih, U., & Whitney, B., *A spatially resolved study of photoelectric heating and [C II] cooling in the LMC. Comparison with dust emission as seen by SAGE*. 2009, A&A, 494, 647
- van de Steene, G. C., Ueta, T., van Hoof, P. A. M., Reyniers, M., & **Ginsburg**, A. G., *Kinematics and H β morphology of the multipolar post-AGB star IRAS 16594-4656*. 2008, A&A, 480, 775