Curriculum Vitae

University of Maryland
January 1, 1925 - December 31, 2023

This Vita is a work in progress and is not the final template for generating a University CV formatted vita from Faculty Success. We continue to test the University CV generation feature and welcome your feedback.

I. Personal Information

I.A. UID, Last Name, First Name, Middle Name, Contact Information

Pound, Marc W.
0225 Atlantic Building
Personal Website: http://www.astro.umd.edu/~mpound

I.B. Academic Appointments at UMD

Research Scientist, College of Computer, Math & Natural Sciences, CMNS-Astronomy. May 13, 2018 - Present.

Senior Research Scientist, College of Computer, Math & Natural Sciences, CMNS-Astronomy. July 1, 2012 - May 12, 2018.

Associate Research Scientist, College of Computer, Math & Natural Sciences, CMNS-Astronomy. July 1, 2004 - June 30, 2012.

Assistant Research Scientist, College of Computer, Math & Natural Sciences, CMNS-Astronomy. July 1, 2001 - June 30, 2004.

I.E. Other Employment

Postdoctoral Fellow, University of California, Astronomy. (September 1994 - August 1997).

Observing Assistant, AT&T Bell Laboratories, Radio Physics Research. (September 1987 - August 1990).

I.F. Educational Background

PhD, Astronomy. University of Maryland, 1994.

MA, Astronomy & Physics. Boston University, 1987.

BA, Astronomy. Boston University, 1985.

I.G. Continuing Education

Faculty Leadership, "Academic Leadership Fellows," University of Maryland. (September 2020 - May 2021).

Faculty Leadership, "Big 10 Academic Leadership Program," Big Ten Academic Alliance. (September 2020 - May 2021).

I.H. Professional Certifications, Licenses, and Memberships

International Astronomical Union. (January 2000 - Present).

American Astronomical Society. (September 1987 - Present).

I.I. Leadership Honors and Awards

Awarded: Academic Leadership Program Fellow, Big Ten Academic Alliance. (2020).

II. Research, Scholarly, Creative and/or Professional Activities

*In citations below, * indicates the corresponding author and † marks student collaborators who were mentored by this faculty member.*

II.A. Books

II.A.1. Books Authored

Teuben, P. J., Pound, M. W., Thomas, B. A., Warner, E. M. (2019). *Astronomical Data Analysis Software and Systems XXVIII.* (vol. 523).

II.A.6. Other

II.B. Chapters

II.B.1. Books

Thomas, B., Allen, A., Pound, M. W., Teuben, P. (2019). The ADASS Time Domain Astronomy Hackathon. in *Astronomical Data Analysis Software and Systems XXVII* P. J. Teuben, M. W. Pound, B. A. Thomas & E. M. Warner (Eds.), (vol. 523, pp. 723).

Kane, J. O., Martinez, D. A., Pound, M. W., Heeter, R. F., Casner, A., Mancini, R. C. (2015). Dynamics of molecular clouds: observations, simulations, and NIF experiments. in *procspie* (vol. 9345, pp. 93450C).

Teuben, P., Pound, M., Mundy, L., Rauch, K., Friedel, D., Looney, L., Xu, L., Kern, J. (2015). ADMIT: The ALMA Data Mining Toolkit. in *Astronomical Data Analysis Software an Systems XXIV (ADASS XXIV)* Taylor, A.~R. & E. Rosolowsky (Eds.), (vol. 495, pp. 305).

Friedel, D.~N., Looney, L., Mundy, L., Pound, M., Teuben, P. (2014). The ALMA Data Mining Toolkit II: Using ADMIT on Data Mined from the ALMA Archive. in *Astronomical Data Analysis Software and Systems XXIII* N. Manset & P. Forshay (Eds.), (vol. 485, pp. 151).

Teuben, P., Pound, M., Mundy, L., Looney, L., Friedel, D.~N. (2014). The ALMA Data Mining Toolkit I: Archive Setup and User Usage. in *Astronomical Data Analysis Software and Systems XXIII* N. Manset & P. Forshay (Eds.), (vol. 485, pp. 147).

Pound, M.~W., Teuben, P. (2012). MIS: A MIRIAD Interferometry Singledish Toolkit. in *Astronomical Data Analysis Software and Systems XXI* P. Ballester, D. Egret & Lorente, N.~P.~F. (Eds.), (vol. 461, pp. 565).

Wu, D., Shaya, B., Pound, M.~W. (2011). CARMA Correlator Graphical Setup. in *Astronomical Data Analysis Software and Systems XX* Evans, I.~N., A. Accomazzi, Mink, D.~J. & Rots, A.~H. (Eds.), (vol. 442, pp. 325).

Pound, M.~W., Wolfire, M.~G. (2008). The Photo Dissociation Region Toolbox. in *Astronomical Data Analysis Software and Systems XVII* Argyle, R.~W., Bunclark, P.~S. & Lewis, J.~R. (Eds.), (vol. 394, pp. 654).

Bock, D.~C. -J., Bolatto, A.~D., Hawkins, D.~W., Kemball, A.~J., Lamb, J.~W., Plambeck, R.~L., Pound, M.~W., Scott, S.~L., Woody, D.~P., Wright, M.~C.~H. (2006). First results from CARMA: the combined array for research in millimeter-wave astronomy. in *procspie* (vol. 6267, pp. 626713).

Scott, S.~L., Pound, M.~W. (2006). The CARMA Project. in *Astronomical Data Analysis Software and Systems XV* C. Gabriel, C. Arviset, D. Ponz & S. Enrique (Eds.), (vol. 351, pp. 670).

Mizuta, A., Takabe, H., Kane, J. O., Remington, B. A., Ryutov, D. D., Pound, M. W. (2005). Hydrodynamic Instability of Ionization Front in HII Regions: From Linear to Nonlinear Evolution. in *High Energy Density Laboratory Astrophysics* Kyrala, G.~A. (Ed.), (pp. 197).

Kane, J.~O., Mizuta, A., Pound, M.~W., Remington, B.~A., Ryutov, D.~D. (2005). Molecular Clouds: Observation to Experiment. in *High Energy Density Laboratory Astrophysics* Kyrala, G.~A. (Ed.), (pp. 261).

Pound, M. W., Kane, J. O., Remington, B. A., Ryutov, D. D., Mizuta, A., Takabe, H. (2005). Eagle Nebula Pillars: From Models to Observations. in *High Energy Density Laboratory Astrophysics* Kyrala, G.~A. (Ed.), (pp. 177).

Pound, M.~W., Wolfire, M.~G., Amarnath, N.~S., Plante, R.~L. (2005). Spreading DIRT with Web Services. in *Astronomical Data Analysis Software and Systems XIV* P. Shopbell, M. Britton & R. Ebert (Eds.), (vol. 347, pp. 409).

Ryutov, D.~D., Kane, J.~O., Mizuta, A., Pound, M.~W., Remington, B.~A. (2005). Two Models of Magnetic Support for Photoevaporated Molecular Clouds. in *High Energy Density Laboratory Astrophysics* Kyrala, G.~A. (Ed.), (pp. 183).

Amarnath, N.~S., Scott, S.~L., Kraybill, J.~C., Beard, A.~D., Daniel, P., Gwon, C., Hobbs, R., Leitch, E., Mehringer, D.~M., Plante, R., Pound, M.~W., Rauch, K.~P., Teuben, P.~J. (2004). The CARMA Monitor System (CAM) - Transforming Cyclically Collected Telemetry into a Linear Stream. in *Astronomical Data Analysis Software and Systems (ADASS) XIII* F. Ochsenbein, M. G. Allen & D. Egret (Eds.), (vol. 314, pp. 720).

Gwon, C., Beard, A.~D., Daniel, P., Hobbs, R., Scott, S.~L., Kraybill, J.~C., Leitch, E., Mehringer, D.~M., Plante, R., Amarnath, N.~S., Pound, M.~W., Rauch, K.~P., Teuben, P.~J. (2004). The CARMA Control System. in *Astronomical Data Analysis Software and Systems (ADASS) XIII* F. Ochsenbein, M. G. Allen & D. Egret (Eds.), (vol. 314, pp. 708).

Pound, M.~W., Wolfire, M.~G., Amarnath, N.~S. (2004). SIRTF Tools for DIRT. in *Astronomical Data Analysis Software and Systems (ADASS) XIII* F. Ochsenbein, M. G. Allen & D. Egret (Eds.), (vol. 314, pp. 784).

Scott, S.~L., Amarnath, N.~S., Beard, A.~D., Daniel, P., Gwon, C., Hobbs, R., Kraybill, J.~C., Leitch, E., Mehringer, D.~M., Plante, R., Pound, M.~W., Rauch, K.~P., Teuben, P.~J. (2004). The CARMA Software System. in *Astronomical Data Analysis Software and Systems (ADASS) XIII* F. Ochsenbein, M. G. Allen & D. Egret (Eds.), (vol. 314, pp. 768).

Amarnath, N.~S., Pound, M.~W., Wolfire, M.~G. (2003). Refactoring DIRT. in *Astronomical Data Analysis Software and Systems XII* Payne, H.~E., Jedrzejewski, R.~I. & Hook, R.~N. (Eds.), (vol. 295, pp. 381).

Pound, M.~W., Amarnath, N.~S., Rauch, K.~P., Teuben, P.~J., Scott, S.~L., Hobbs, R., Beard, A., Daniel, P., Mehringer, D., Plante, R., Kraybill, J.~C., Wright, M., Leitch, E. (2003). CARMA Software Development. in *Astronomical Data Analysis Software and Systems XII* Payne, H.~E., Jedrzejewski, R.~I. & Hook, R.~N. (Eds.), (vol. 295, pp. 377).

Plante, R., Pound, M.~W., Mehringer, D., Scott, S.~L., Beard, A., Daniel, P., Hobbs, R., Kraybill, J.~C., Wright, M., Leitch, E., Amarnath, N.~S., Rauch, K.~P., Teuben, P.~J. (2003). CARMA Data Storage, Archiving, Pipeline Processing, and the Quest for a Data Format. in *Astronomical Data Analysis Software and Systems XII* Payne, H.~E., Jedrzejewski, R.~I. & Hook, R.~N. (Eds.), (vol. 295, pp. 269).

Scott, S.~L., Hobbs, R., Beard, A., Daniel, P., Mehringer, D., Plante, R., Kraybill, J.~C., Wright, M., Leitch, E., Amarnath, N.~S., Pound, M.~W., Rauch, K.~P., Teuben, P.~J. (2003). The COBRA/CARMA Correlator Data Processing System. in *Astronomical Data Analysis Software and Systems XII* Payne, H.~E., Jedrzejewski, R.~I. & Hook, R.~N. (Eds.), (vol. 295, pp. 265).

Pound, M.~W., Hobbs, R., Scott, S. (2001). The CARMA Data Viewer. in *Astronomical Data Analysis Software and Systems X* Harnden, F.~R., Jr., F. A. Primini & H. E. Payne (Eds.), (vol. 238, pp. 82).

Pound, M.~W., Wolfire, M.~G., Mundy, L.~G., Teuben, P.~J., Lord, S. (2000). DIRT: The Dust InfraRed Toolbox. in *Astronomical Data Analysis Software and Systems IX* N. Manset, C. Veillet & D. Crabtree (Eds.), (vol. 216, pp. 628).

Teuben, P.~J., Wolfire, M.~G., Pound, M.~W., Mundy, L.~G. (2000). A Commodity Computing Cluster. in *Astronomical Data Analysis Software and Systems IX* N. Manset, C. Veillet & D. Crabtree (Eds.), (vol. 216, pp. 644).

II.B.6. Other

II.C. Refereed Journals

II.C.1. Refereed Journal Articles

Pound, M. W., Wolfire, M. G. (2023). The PhotoDissociation Region Toolbox: Software and Models for Astrophysical Analysis. *aj, 165*(1), 25. 10.3847/1538-3881/ac9b1f

Tiwari, M., Wolfire, M., Pound, M.~W., Tarantino, E., Karim, R., Bonne, L., Buchbender, C., G\"usten, R., Guevara, C., Kabanovic, S., Kavak, \"U., Mertens, M., Schneider, N., Simon, R., Stutzki, J., Tielens, A.~G.~G.~M. (2022). SOFIA FEEDBACK Survey: PDR Diagnostics of Stellar Feedback in Different Regions of RCW 49. *aj, 164*(4), 150. 10.3847/1538-3881/ac8a44

Bern\'e, Olivier, Habart, \'Emilie, Peeters, E., Abergel, A., Bergin, E. A., Bernard-Salas, J., Bron, E., Cami, J., Dartois, E., Fuente, Asunci\'on, Goicoechea, J. R., Gordon, K. D., Okada, Y., Onaka, T., Robberto, M., R\"ollig, Markus, Tielens, Alexander G.~G.~M., Vicente, S\'\ilvia, Wolfire, M. G., Alarc\'on, Felipe, Boersma, C., Canin, Am\'elie, Chown, R., Dicken, D., Languignon, D., Le Gal, R., Pound, M. W., Trahin, B., Simmer, T., Sidhu, A., Van De Putte, D., Cuadrado, S., Guilloteau, C., Maragkoudakis, A., Schefter, B. R., Schirmer, Thi\'ebaut, Cazaux, St\'ephanie, Aleman, I., Allamandola, L., Auchettl, R., Baratta, G. A., Bejaoui, S., Bera, P. P., Bilalbegovi\'c, Goranka, Black, J. H., Boulanger, F., Bouwman, J., Brandl, B., Brechignac, P., Br\"unken, Sandra, Burkhardt, A., Candian, A., Cernicharo, J., Chabot, M., Chakraborty, S., Champion, J., Colgan, Sean W.~J., Cooke, I. R., Coutens, A., Cox, Nick L.~J., Demyk, K., Donovan Meyer, J., Engrand, C\'ecile, Foschino, S., Garc\'\ia-Lario, Pedro, Gavilan, L., Gerin, M., Godard, M., Gottlieb, C. A., Guillard, P., Gusdorf, A., Hartigan, P., He, J., Herbst, E., Hornekaer, L., J\"ager, Cornelia, Janot-Pacheco, E., Joblin, C., Kaufman, M., Kemper, F., Kendrew, S., Kirsanova, M. S., Klaassen, P., Knight, C., Kwok, S., Labiano, \'Alvaro, Lai, T. S. -Y., Lee, T. J., Lefloch, B., Le Petit, F., Li, A., Linz, H., Mackie, C. J., Madden, S. C., Mascetti, Jo\"elle, McGuire, B. A., Merino, P., Micelotta, E. R., Misselt, K., Morse, J. A., Mulas, G., Neelamkodan, N., Ohsawa, R., Omont, A., Paladini, R., Palumbo, M. E., Pathak, A., Pendleton, Y. J., Petrignani, A., Pino, T., Puga, E., Rangwala, N., Rapacioli, M., Ricca, A., Roman-Duval, J., Roser, J., Roueff, E., Rouill\'e, Ga\"el, Salama, F., Sales, D. A., Sandstrom, K., Sarre, P., Sciamma-O'Brien, E., Sellgren, K., Shannon, M. J., Shenoy, S. S., Teyssier, D., Thomas, R. D., Togi, A., Verstraete, L., Witt, A. N., Wootten, A., Ysard, N., Zettergren, H., Zhang, Y., Zhang, Z. E., Zhen, J. (2022). PDRs4All: A JWST Early Release Science Program on Radiative Feedback from Massive Stars. *pasp, 134*(1035), 054301. 10.1088/1538-3873/ac604c

Bale, S., Bhattacharjee, A., Cattaneo, F., Drake, J., Ji, H., Lee, M., Li, H., Liang, E., Pound, M., Prager, S., Quataert, E., Remington, B., Rosner, R., Ryutov, D., Thomas, Jr, E., Zweibel, E. (2022). Research Opportunities in Plasma Astrophysics. *arXiv e-prints*, arXiv:2203.02406. 10.48550/arXiv.2203.02406

Tiwari, M., Karim, R., Pound, M.~W., Wolfire, M., Jacob, A., Buchbender, C., G\"usten, R., Guevara, C., Higgins, R.~D., Kabanovic, S., Pabst, C., Ricken, O., Schneider, N., Simon, R., Stutzki, J., Tielens, A.~G.~G.~M. (2021). SOFIA FEEDBACK Survey: Exploring the Dynamics of the Stellar Wind-Driven Shell of RCW 49. *apj, 914*(2), 117. 10.3847/1538-4357/abf6ce

Schneider, N., Simon, R., Guevara, C., Buchbender, C., Higgins, R.~D., Okada, Y., Stutzki, J., G\"usten, R., Anderson, L.~D., Bally, J., Beuther, H., Bonne, L., Bontemps, S., Chambers, E., Csengeri, T., Graf, U.~U., Gusdorf, A., Jacobs, K., Justen, M., Kabanovic, S., Karim, R., Luisi, M., Menten, K., Mertens, M., Mookerjea, B., Ossenkopf-Okada, V., Pabst, C., Pound, M.~W., Richter, H., Reyes, N., Ricken, O., R\"ollig, M., Russeil, D., S\'anchez-Monge, \'A., Sandell, G., Tiwari, M., Wiesemeyer, H., Wolfire, M., Wyrowski, F., Zavagno, A., Tielens, A.~G.~G.~M. (2020). FEEDBACK: a SOFIA Legacy Program to Study Stellar Feedback in Regions of Massive Star Formation. *pasp, 132*(1016), 104301. 10.1088/1538-3873/aba840

Pound, M. W., Yusef-Zadeh, F. (2018). The CARMA 3 mm survey of the inner 0.7\textdegree \texttimes 0.4\textdegree of the Central Molecular Zone. *mnras, 473*(3), 2899-2929. 10.1093/mnras/stx2490

Storm, S., Mundy, L.~G., Lee, K.~I., Fernand
ez-Lopez, M., Looney, L.~W., Teuben, P., Arce, H.~G., Rosolowsky, E.~W., Meisner, A.~M., Isella, A., Kauffmann, J., Shirley, Y.~L., Kwon, W., Plunkett, A.~L., Pound, M.~W., Segura-Cox, D.~M., Tassis, K., Tobin, J.~J., Volgenau, N.~H., Crutcher, R.~M., Testi, L. (2017). VizieR Online Data Catalog: CLASSy: CARMA obs. in L1451 region of Perseus (Storm+, 2016). *VizieR Online Data Catalog*, J/ApJ/830/127.

Storm, S., Mundy, L. G., Lee, K. I., Fern\'andez-L\'opez, Manuel, Looney, L. W., Teuben, P., Arce, H\'ector G., Rosolowsky, E. W., Meisner, A. M., Isella, A., Kauffmann, J., Shirley, Y. L., Kwon, W., Plunkett, A. L., Pound, M. W., Segura-Cox, D. M., Tassis, K., Tobin, J. J., Volgenau, N. H., Crutcher, R. M., Testi, L. (2016). CARMA Large Area Star Formation Survey: Dense Gas in the Young L1451 Region of Perseus. *apj, 830*(2), 127. 10.3847/0004-637X/830/2/127

Zauderer, B. A., Bolatto, A. D., Vogel, S. N., Carpenter, J. M., Per\'ez, Laura M., Lamb, J. W., Woody, D. P., Bock, D. C. -J., Carlstrom, J. E., Culverhouse, T. L., Curley, R., Leitch, E. M., Plambeck, R. L., Pound, M. W.,

Marrone, D. P., Muchovej, S. J., Mundy, L. G., Teng, S. H., Teuben, P. J., Volgenau, N. H., Wright, Melvyn C.~H., Wu, D. (2016). The CARMA Paired Antenna Calibration System: Atmospheric Phase Correction for Millimeter Wave Interferometry and Its Application to Mapping the Ultraluminous Galaxy Arp 193. *aj, 151*(1), 18. 10.3847/0004-6256/151/1/18

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Yusef-Zadeh, F., Arendt, R., Bushouse, H., Cotton, W., Haggard, D., Pound, M.~W., Roberts, D.~A., Royster, M., Wardle, M. (2013). Erratum: ``A Three Parsec-scale Jet-Driven Outflow from Sgr A*'' <A href=``/abs/2012ApJL..758L..11Y''>(2012, ApJL, 758, L11)</A>. *apjl, 777*(2), L39. 10.1088/2041-8205/777/2/L39

Yusef-Zadeh, F., Wardle, M., Lis, D., Viti, S., Brogan, C., Chambers, E., Pound, M., Rickert, M. (2013). 74 MHz Nonthermal Emission from Molecular Clouds: Evidence for a Cosmic Ray Dominated Region at the Galactic Center. *Journal of Physical Chemistry A, 117*(39), 9404-9419. 10.1021/jp311240h

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II.C.4. Other

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II.D.3. Other

II.E. Conferences, Workshops, and Talks

II.E.2. Invited Talks

Pound, M. W. (Presenter), Wolfire, M. G. (Presenter), JWST Webbinar: Community Telecons in Support of JWST Cycle 2 Proposals, "Analyzing JWST observations with the PDR Toolbox," Space Telescope Science Institute, Zoom. (December 6, 2022).

Pound, M. W. (Presenter), Santamaria-Makang, D. (Co-author), Sheehan, K. (Co-author), Council of University System Faculty, "Analysis of Faculty Cybersecurity Survey," Council of University System Faculty, Zoom. (April 14, 2022).

II.E.8. Non-Refereed Presentations

Pound, M. W. (Presenter), Seeing The Future of the Universe, Data, Learning, and Digital Scholarship, "The PhotoDissociation Region Toolbox," Harvard Smithsonian Center for Astrophysics, Wentworth by the Sea Hotel, New Castle, NH, United States. (May 1, 2022 - May 4, 2022).

Pound, M. W. (PI), American Astronomical Society #223, "A CARMA Spectral Line and Continuum Survey of the Central Molecular Zone," American Astronomical Society. (January 2014).

II.E.11. Non-Refereed Posters

Karim, R. (1st author/presenter), Pound, M. W., Tiwari, M., Wolfire, M. G., Mundy, L., Tielens, A., AAS January 2021, "How Massive Star FEEDBACK Carves Pillars out of Dense Gas," AAS, virtual. (January 8, 2021 - January 2021).

II.E.14. Workshops

Pound, M. W., PTK Workshop: You Are Not Alone: Finding Your UMD Community, "Shared Governance and PTK Faculty," Invited, University of Maryland Office of Faculty Affairs, Zoom. (September 23, 2021).

Pound, M. W., Academic Leadership Fellows Progam, "Leadership Lessons from My Senate Service," Invited, University of Maryland, zoom, College Park. (March 4, 2021).

Pound, M. W., ADVANCING Professional Track Faculty, "Shared Governance," Invited, University of Maryland, zoom, College Park. (November 20, 2020).

II.F. Professional and Extension Publications

II.F.10. Other

II.G. Book Reviews, Notes, and Other Contributions

II.H. Completed Creative Works and Scholarship

II.J. Works in Progress
Scholarly works in a publication status other than Published

Wolfire, M., Pound, M. (2021). *Photodissociation Region Models for JWST Observations* (pp. 1557).
(Other - Published)

Longmore, S., Kauffmann, J., Arce, H. G., Evans, N. J., Federrath, C., Gutermuth, R., Huard, T. L., Jose, J., Kong, S., Michael, Dunham,, Offner, S., Patra, S., Pillai, T., Pontoppidan, K. M., Pound, M., Urquhart, J. (2021). *Unveiling stellar birth in a cosmologically common cradle* (pp. 2092).
(Other - Published)

Wilson, R. W., Pound, M. W., Stark, A. A., et al. (2019). *comb: Spectral line data reduction and analysis package* (pp. ascl:1911.024).
(Other - Published)

Pound, M. (2016). *Polarized Dust Emission in the Eagle Nebula Pillars* (pp. 112).
(Other - Published)

Pound, M. (2015). *Polarized Dust Emission in the Eagle Nebula Pillars* (pp. 135).
(Other - Published)

Pound, M., Teuben, P. (2011). *MIS: A Miriad Interferometry Singledish Toolkit* (pp. ascl:1110.025).
(Other - Published)

Pound, M. W., Wolfire, M. G., Mundy, L. G., Teuben, P., Lord, S. (2011). *DIRT: Dust InfraRed Toolbox* (pp. ascl:1102.021).
(Other - Published)

Pound, M.~W., Wolfire, M.~G. (2011). *PDRT: Photo Dissociation Region Toolbox* (pp. ascl:1102.022).
(Other - Published)

Pound, M. W. (1994). *Proto-Brown Dwarfs*. Maryland University.
(Other - Published)

Photodissociation Region Toolbox. Principal designer and developer, Software and Applications. With Pound, M. W., Wolfire, M. G. http://dustem.astro.umd.edu. (United States). (January 1, 2020 - Present)..

II.K. Sponsored Research and Programs - Administered by the Office of Research Administration (ORA)

II.K.1. Grants

Wolfire, M. G. (Lead Investigator), Pound, M. W. (Co-Investigator), "Photodissociation Region Models for JWST Observations," Sponsored by Space Telescope Science Institute op. Association of Universities for Research in Astronomy (Prime: NASA - Goddard Space Flight Center), 308185-00001. (July 1, 2022 - June 30, 2025).

Mundy, L. (Lead Investigator), Teuben, P. J. (Co-Investigator), Pound, M. W. (Co-Investigator), Rauch, K. P. (Co-Investigator), "U.S. Community Access to the Large Millimeter Telescope," Sponsored by University of Massachusetts - Amherst (Prime: National Science Foundation), 304353-00001. (October 1, 2020 - September 30, 2023).

Tielens, A. (Lead Investigator), Wolfire, M. G. (Co-Investigator), Pound, M. W. (Co-Investigator), "Radiative and mechanical feedback in regions of massive star formation (FEEDBACK)," Sponsored by Universities Space Research Association (Prime: NASA - Ames Research Center), 030911-00001. (May 20, 2019 - May 19, 2023).

Tielens, A. (Lead Investigator), Wolfire, M. G. (Co-Investigator), Pound, M. W. (Co-Investigator), "Radiative and mechanical feedback in regions of massive star formation (FEEDBACK)," Sponsored by Universities Space Research Association (Prime: NASA - Ames Research Center), 030911-00002. (May 20, 2019 - May 19, 2023).

Tielens, A. (Lead Investigator), Wolfire, M. G. (Co-Investigator), Pound, M. W. (Co-Investigator), "Radiative and mechanical feedback in regions of massive star formation (FEEDBACK)," Sponsored by Universities Space Research Association (Prime: NASA - Ames Research Center), 030911-00003. (May 20, 2019 - May 19, 2023).

Wolfire, M. G. (Lead Investigator), Pound, M. W. (Co-Investigator), "PDRT: The Photodissociation Region Toolbox," Sponsored by NASA - Goddard Space Flight Center, 030741-00001. (February 25, 2019 - February 24, 2023).

Wolfire, M. G. (Lead Investigator), Pound, M. W. (Co-Investigator), "PDRT: The Photodissociation Region Toolbox," Sponsored by NASA - Goddard Space Flight Center, 030741-00002. (February 25, 2019 - February 24, 2023).

Teuben, P. J. (Lead Investigator), Pound, M. W. (Co-Investigator), Mundy, L. (Co-Investigator), "Science Mining the ALMA Archive," Sponsored by National Radio Astronomy Observatory op. Associated Universities (Prime: National Science Foundation), 301085-00001. (October 1, 2019 - February 28, 2022).

Wolfire, M. G. (Lead Investigator), Pound, M. W. (Co-Investigator), "PDRT: The Photodissociation Region Toolbox," Sponsored by NASA - Goddard Space Flight Center, 030741-00003. (February 25, 2019 - February 24, 2022).

Pound, M. W. (Lead Investigator), "Polarized Dust Emission in the Eagle Nebula Pillars," Sponsored by Universities Space Research Association (Prime: NASA - Ames Research Center), 030068-00001. (March 28, 2018 - March 27, 2021).

Pound, M. W. (Lead Investigator), "Poloarized Dust Emission in the Eagle Nebula Pillars," Sponsored by Universities Space Research Association (Prime: NASA - Ames Research Center), 026992-00001. (January 1, 2017 - September 30, 2018).

Huard, T. L. (Lead Investigator), Pound, M. W. (Co-Investigator), "Protostellar Luminosities from FORCAST," Sponsored by Universities Space Research Association (Prime: NASA - Goddard Space Flight Center), 024918-00001. (November 1, 2015 - September 30, 2018).

Pound, M. W. (Lead Investigator), "Polarized Dust Emission in the Eagle Nebula Pillars," Sponsored by Universities Space Research Association (Prime: NASA - Goddard Space Flight Center), 024917-00001. (November 1, 2015 - June 30, 2017).

Pound, M. W. (Lead Investigator), Wolfire, M. G. (Co-Investigator), "Scaled Eagle Nebula Experiments on NIF," Sponsored by DOE - Office of Science, 018445-00001. (August 15, 2012 - August 14, 2016).

Pound, M. W. (Lead Investigator), Wolfire, M. G. (Co-Investigator), "Scaled Eagle Nebula Experiments on NIF," Sponsored by DOE - Office of Science, 018445-00002. (August 15, 2012 - August 14, 2016).

Huard, T. L. (Lead Investigator), Mundy, L. (Co-Investigator), Pound, M. W. (Co-Investigator), "Resolving Protostars in the Serpens South Protocluster," Sponsored by Universities Space Research Association (Prime: NASA Ames Research Center), 021298-00001. (February 1, 2014 - July 31, 2016).

Huard, T. L. (Lead Investigator), Mundy, L. (Co-Investigator), Pound, M. W. (Co-Investigator), "Resolving Protostars in the Serpens South Protocluster," Sponsored by Universities Space Research Association (Prime: NASA Ames Research Center), 016943-00001. (March 1, 2011 - February 28, 2013).

II.K.2. Contracts

Pound, M. W. (Lead Investigator), "E-VERIFY: Dynamics of the Eagle Nebula: A Concept Development Proposal," Sponsored by Lawrence Livermore National Laboratory op. Lawrence Livermore National Security (Prime: DOE - National Nuclear Security Administration), 016233-00001. (July 1, 2011 - June 24, 2012).

II.L. Fellowships, Gifts, and Funded Research not administered by the ORA.

II.L.4. Other

Pound, M. W., "Supporting UMD Research Faculty (Phase 1)," Sponsored by University of Maryland Vice President for Research, $15,365.00. (December 2021 - May 2022).

II.M. Centers for Research, Scholarship, and Creative Activities

II.Q. Research Fellowships, Prizes, and Awards

Awarded: Distinguished Research Scientist, University of Maryland Astronomy Department. Research/Scholarship. (2014)

Awarded: Graduate School Fellowship, University of Maryland. Fellowship: Research/Scholarship. (1990)

Awarded: Gregor Wentzel Fellowship, Astronomy Department, University of Maryland. Fellowship: Research/Scholarship. (1990)

III. Teaching, Extension, Mentoring, and Advising

III.B. Teaching Innovations

III.C. Advising: Research or Clinical

III.C.1. Undergraduate

Advisor; Dalton Wu (2008 - 2010).

III.C.2. Master's

Advisor; Erin Grand (August 2011 - August 2012).

III.C.3. Doctoral

Advisor; Ramsey Karim (September 2019 - Present).

Committee Member; Steele, Amy Ph.D. Astronomy (December 20, 2020) McGill Univeristy.

Mentor; Amy Steele (July 2014 - October 2020).

Committee Member Yes; ChongChong He Ph.D. Astronomy (September 2019).

Committee Member Yes; Amy Steele Ph.D. Astronomy (September 2018).

Committee Member; Dhabal, Arnab Ph.D. Astronomy (August 17, 2018).

III.C.4. Post-Doctoral

Mentor; Maitraiyee Tiwari (October 2019 - October 2022).

III.D. Mentorship

III.D.1. Junior Faculty

Maitraiyee Tiwari (Junior Faculty). September 2019 - October 2022.

III.H. Non-Credit Teaching

CARMA Summer School, Combined Array for Research in Millimeter Wave Astronomy (CARMA), 150 participants. (May 2007 - September 2014).

III.I. Teaching Awards

Awarded: Graduate Award for Excellence in Teaching, Boston University. Teaching. (1986)

IV. Service and Outreach

IV.A. Editorships, Editorial Boards, and Reviewing Activities

IV.A.3. Reviewing Activities for Journals and Presses
Astronomy & Astrophysics, Astrophysical Journal, Monthly Notices of the Royal Astronomical Society, Nature,

IV.A.4. Reviewing Activities for Agencies and Foundations

Reviewer, Nature. (2000 - Present).

Reviewer, Monthly Notices of the Royal Astronomical Society. (1998 - Present).

Reviewer, Astronomy & Astrophysics. (1995 - Present).

Reviewer, Astrophysical Journal. (1995 - Present).

IV.A.5. Reviewing Activities for Conferences

Editor/Co-Editor, ADASS. (January 2018 - February 2019).

IV.A.6. Other

Reviewer, Maryland Research Instrumentation Fund. (April 2021 - June 2021).

Reviewer, CARMA. (January 2005 - May 2014).

Reviewer, BIMA. (1998 - 2004).

IV.B. Committees, Professional & Campus Service

IV.B.1. Campus Service - Department

member, Astronomy Computing committee (CMNS-Astronomy). September 2008 - Present.

Chair, Research Professor Criteria (CMNS-Astronomy). February 2021 - June 2021.

Chair, Astronomy Computing Committee (CMNS-Astronomy). July 2013 - July 2015.

IV.B.2. Campus Service - College

Member, CMNS College Council (CMNS-College of Computer, Math & Natural Sciences). May 2015 - Present.

Member, Astronomy Chair Review (CMNS-Astronomy). December 2021 - May 2022.

Member, Appoint, Promotion, and Tenure (CMNS-College of Computer, Math & Natural Sciences). September 2018 - May 2021.

Chair, Sloan Foundation Proposal Review (CMNS-College of Computer, Math & Natural Sciences). March 2020 - May 2020.

Senator, University Senate (CMNS-Dean's Office (AGNR)). 2016 - 2018.

IV.B.3. Campus Service - University

Member, TERP Allies. 2017 - Present.

Member, University Senate: Senate Executive Committee (SEC). May 2022 - May 2023.

Senator, University Senate (SVPAAP-University Senate). May 2020 - May 2023.

Council of University System Faculty, University Senate: CUSF. July 2019 - August 2022.

Member, University Senate: Senate Executive Committee (SEC). May 2021 - May 2022.

Member, University Senate: Senate Executive Committee (SEC). May 2021 - May 2022.

Organizing Committee and Presenter, 4th annual Professional Track Faculty Symposium (SVPAAP-Sr VP Academic Affairs & Provost). April 2021 - February 2022.

Ex-Officio - CUSF Rep, University Senate: Faculty Affairs Committee. June 2020 - June 2021.

Organizing Committee, 3rd Annual Professional Track Faculty Symposium (SVPAAP-Sr VP Academic Affairs & Provost). April 2020 - April 2021.

Ex-Officio - CUSF Rep, University Senate: Faculty Affairs Committee. July 2019 - June 2020.

Chair, University Senate: Nominations Committee (SVPAAP-University Senate). January 2019 - May 2019.

Member, University Senate: Senate Executive Committee (SEC). May 2018 - May 2019.

Member, University Senate: Senate Executive Committee (SEC). May 2016 - May 2019.

Chair, 2nd Annual Professional Track Faculty Symposium (SVPAAP-Sr VP Academic Affairs & Provost). April 2018 - April 2019.

Member, University Senate (CMNS-College of Computer, Math & Natural Sciences). April 2016 - April 2019.

Chair, Elections, Representation, and Governance. 2016 - 2018.

Chair, University Senate: Elections, Representation, & Governance (ERG) Committee. June 2016 - June 2018.

Organizing Committee, 1st Annual Professional Track Faculty Symposium (SVPAAP-Sr VP Academic Affairs & Provost). April 2017 - April 2018.

Member, Middle States Accreditation (SVPAAP-Sr VP Academic Affairs & Provost). March 2015 - April 2017.

Member, University Senate: Faculty Affairs Committee. May 2015 - June 2016.

Member, University Senate: Faculty Affairs Committee. June 2014 - May 2015.

Member, University Senate: Faculty Affairs Committee. July 2012 - July 2014.

Member, University Senate: Non-Tenure Track Faculty Task Force. February 2012 - April 2013.

Senator for Research Faculty, University Senate. 2009 - 2011.

Chair, University Senate: Elections, Representation, & Governance (ERG) Committee. August 2010 - June 2011.

Member, University Senate. May 2010 - May 2011.

Member, University Senate: Elections, Representation, & Governance (ERG) Committee. August 2009 - June 2010.

IV.B.4. Campus Service - Special Administrative Assignment

member, Search Committee - Associate Provost for Faculty Affairs (SVPAAP-Sr VP Academic Affairs & Provost). September 2015 - December 2015.

IV.B.7. Offices and Committee Memberships

Co-Chair, Astronomical Data Analysis Systems and Software October 2017 - February 2019.

Judge: Chambliss Astronomy Achievement Student Awards, American Astronomical Society 2014.

Chairperson, 9th Annual High Energy Density Laboratory Astrophysics May 2011 - December 2012.

IV.B.8. Leadership Roles in Meetings and Conferences

Member, High Energy Density Laboratory Astrophysics September 2009 - May 2022.

Co-Chair, Astronomical Data Analysis Systems and Software October 2017 - February 2019.

Chairperson, 9th Annual High Energy Density Laboratory Astrophysics May 2011 - December 2012.

Member, Blitzed 65 September 2010 - May 2011.

IV.B.9. Other Non-University Committees, Memberships, Panels, etc.

Member, High Energy Density Laboratory Astrophysics September 2009 - May 2022.

Member, Blitzed 65 September 2010 - May 2011.

IV.C. External Service and Consulting

IV.G. Service Awards and Honors

Awarded: Academic Leadership Program Fellow, Big Ten Academic Alliance. Leadership. (2020)

Awarded: Provost's Excellence Award for Professional Track Faculty, University of Maryland. Service, University. (2015)

V. Public Engagement, Scholarship and Practice

VI. Other Information