Vihang Mehta

✉ vmehta@ipac.caltech.edu *(work)*   ✉ mehta.vihang@gmail.com *(personal)*

🌐 http://www.mehtavihang.com   ⌗ http://github.com/vihangmehta

Education

Doctoral Degree   🔖 **University of Minnesota**, MN, USA. 2018
Ph.D. Astrophysics
Advisor: Dr. Claudia Scarlata
Thesis title: *Studying the Building Blocks of the Universe: the faint, low-mass galaxies*

Undergraduate Degree   🔖 **University of Minnesota**, MN, USA. 2012
B.Sc. Astrophysics
Thesis title: *Separating probable supergiants in M31 and M33*

Academic Appointments

2023 – present   🔖 **Staff Scientist**, Caltech/IPAC, CA, USA
Roman Space Telescope: Grism-Prism Data Processing System

2021 – 2023   🔖 **Postdoctoral Scholar**, Caltech/IPAC, CA, USA
Parallel Application of Slitless Spectroscopy to Analyze Galaxy Evolution (PASSAGE) project, Euclid redshift calibration, and UVCANDELS

2018 – 2021   🔖 **Postdoctoral Research Associate**, University of Minnesota, MN, USA
Eyes on the future project: optimizing science output for next generation surveys with joint crowdsourced and automated classification techniques

Research Publications

First author publications

🔖 **Mehta, V.**, Teplitz, H. I., Scarlata, C., Wang, X., Alavi, A., Colbert, J., Rafelski, M., Grogin, N., Koekemoer, A., Prichard, L., Windhorst, R., Barber, J. M., Conselice, C. J., Dai, Y. S., Gardner J. P., Gawiser, E., Guo, Y., Hathi, N., Arrabal Haro, P., Hayes, M., Iyer, K. G., Jansen, R. A., Ji, Z., Kurczynski, P., Kuschel, M., Lucas, R. A., Mantha, K. B., O'Connell, R. W., Ravindranath, S., Robertson, B. E., Rutkowski, M., Siana, B., Yung, L. Y. A., *A spatially resolved analysis of star-formation burstiness by comparing UV and Hα in galaxies at z∼1 with UVCANDELS*, 2023, ApJ, 952, 133

🔖 **Mehta, V.**, Scarlata, C., Fortson, L., Dickinson, H., Adams, D., Chevallard, J., Charlot, S., Beck, M., Kruk, S., Simmons, B., *Investigating Clumpy Galaxies in the Sloan Digital Sky Survey Stripe 82 using the Galaxy Zoo*, 2021, ApJ, 912, 49

🔖 **Mehta, V.**, Scarlata, C., Capak, P., Davidzon, I., Faisst, A., Hsieh, B. C., Laigle, C., Phillips, J., Silverman, J., Strauss, M. A., Coupon, J., Foucaud, S., Hemmati, S., Ilbert, O., Jarvis, M., Masters, D., McCracken, H. J., Mobasher, B., Ouchi, M., Shibuya, T., Tanaka, M., Wang, W.-H., *SPLASH-SXDF Multi-wavelength Photometric Catalog*, 2018, ApJS, 235, 36

🔖 **Mehta, V.**, Scarlata, C., Rafelski, M., Gburek, T., Teplitz, H. I., Alavi, A., Boylan-Kolchin, M., Finkelstein, S., Gardner, J. P., Grogin, N., Koekemoer, A., Kurczynski, P., Siana, B., Codoreanu, A., de Mello, D. F., Lee, K.-S., Soto, E., *UVUDF: UV Luminosity Functions at the Cosmic High Noon*, 2017, ApJ, 838, 29

Research Publications (continued)

- **Mehta, V.**, Scarlata, C., Colbert, J. W., Dai, Y. S., Dressler, A., Henry, A., Malkan, M., Rafelski, M., Siana, B., Teplitz, H. I., Bagley, M., Beck, M., Ross, N. R., Rutkowski, M., Wang, Y., *Predicting the $z \sim 2$ Hα Luminosity Function Using [OIII] Emission Line Galaxies*, 2015, ApJ, 811, 141

Other publications

- Rogers, N., Scarlata, C., Skillman, E., Eggen, N., Jaskot, A., **Mehta, V.**, Cannon, J., *HST UV Spectroscopy of the Dwarf Starburst Galaxy Pox 186*, 2023, ApJ, 955, 112

- Martin, A., Guo, Y., Wang, X., Koekemoer, A., Rafelski, M., Teplitz, H., Windhorst, R., Alavi, A., Grogin, N., Prichard, L., Sunnquist, B., Ceverino, D., Chartab, N., Conselice, C., Dai, Y. S., Dekel, A., Gardner, J., Gawiser, E., Hathi, N., Hayes, M., Jansen, R., Ji, Z., Koo, D., Lucas, R., Mandelker, N., **Mehta, V.**, Mobasher, B., Nedkova, K., Primack, J., Ravindranath, S., Robertson, B., Rutkowski, M., Sattari, Z., Soto, E., Yung, A., *UV-bright Star-forming Clumps and Their Host Galaxies in UVCANDELS at $0.5 < z < 1$*, 2023, ApJ, 955, 106

- Sattari, Z., Mobasher, B., Chartab, N., Kelson, D., Teplitz, H., Rafelski, M., Grogin, N., Koekemoer, A., Wang, X., Windhorst, R., Alavi, A., Prichard, L., Sunnquist, B., Gardner, J., Gawiser, E., Hathi, N., Hayes, M., Ji, Z., **Mehta, V.**, Robertson, B., Scarlata, C., Yung, A., Conselice, C., Dai, S., Guo, Y., Lucas, R., Martin, A., Ravindranath, S., *Fraction of Clumpy Star-forming Galaxies at $0.5 < z < 3$ in UVCANDELS: Dependence on Stellar Mass and Environment*, 2023, ApJ, 951, 147

- Lin, Y., Scarlata, C., **Mehta, V.**, Skillman, E., Hayes, M., McQuinn, K. B. W., Fortson, L., Chworowsky, K., Clarke, L., *Low Metallicity Galaxies from the Dark Energy Survey*, 2022, ApJ, 951, 138

- Kelly, P., Chen, W., Alfred, A., Broadhurst, T. J., Diego, J. M., Emami, N., Filippenko, A. V., Keen, A., Kei Li, S., Lim, J., Meena, A. K., Oguri, M., Scarlata, C., Treu, T., Williams, H., Williams, L. L. R., Zhou, R., Zitrin, A., Foley, R. J., Jha, S. W., Kaiser, N., **Mehta, V.**, Rieck, S., Salo, L., Smith, N., Weisz, D. R., *Flashlights: More than A Dozen High-Significance Microlensing Events of Extremely Magnified Stars in Galaxies at Redshifts z=0.7-1.5*, 2022, arXiv:2211.02670

- Dickinson, H., Adams, D., **Mehta, V.**, Scarlata, C., Fortson, L., Serjeant, S., Krawczyk, C., Kruk, S., Lintott, C., Mantha, K. B., Simmons, B. D., Walmsley, M., *Galaxy Zoo: Clump Scout - Design and first application of a two-dimensional aggregation tool for citizen science*, 2022, MNRAS, 517, 5882

- Kuschel, M., Scarlata, C., **Mehta, V.**, Teplitz, H. I., Rafelski, M., Wang, X., Sunnquist, B., Prichard, L., Grogin, N., Windhorst, R., Rutkowski, M., Alavi, A., Chartab, N., Conselice, C. J., Dai, Y. S., Gawiser, E., Giavalisco, M., Arrabal Haro, P., Hathi, N., Jansen, R., Ji, Z., Koekemoer, A., Lucas, R. A., Mantha, K. B., Mobasher, B., O'Connell, R. W., Robertson, B., Sattari, Z., Yung, L. Y. A., Dave, R., DeMello, D., Dickinson, M., Ferguson, H., Finkelstein, S. L., Hayes, M., Howell, J., Kaviraj, S., Mackenty, J. W., Siana B., *Investigating the Dominant Environmental Quenching Process in UVCANDELS/COSMOS Groups*, 2022, ApJ, 947, 17

- Battisti, A. J., Bagley, M. B., Baronchelli, I., Dai, Y. S., Henry, A. L., Malkan, M. A., Alavi, A., Calzetti, D., Colbert, J., McCarthy, P. J., **Mehta, V.**, Rafelski, M., Scarlata, C., Shivaei, I., Wisnioski, E., *The average dust attenuation curve at $z \sim 1.3$ based on HST grism surveys*, 2022, MNRAS, 513, 4431

- Adams, D., **Mehta, V.**, Dickinson, H., Scarlata, C., Fortson, L., Kruk, S., Simmons, B., Lintott, C., *Galaxy Zoo: Clump Scout: Surveying the Local Universe for Giant Star-forming Clumps*, 2022, ApJ, 931, 16

Research Publications (continued)

- Walmsley, M., Lintott, C., Geron, T., Kruk, S., Krawczyk, C., Willett, K. W., Bamford, S., Keel, W., Kelvin, L. S., Fortson, L., Masters, K. L., **Mehta, V.,** Simmons, B. D., Smethurst, R., Baeten, E. M., Macmillan, C., *Galaxy Zoo DECaLS: Detailed Visual Morphology Measurements from Volunteers and Deep Learning for 314,000 Galaxies,* 2022, MNRAS, 509, 3966

- Weaver, J. R., Kauffmann, O. B., Ilbert, O., McCracken, H. J., Moneti, A., Toft, S., Brammer, G., Shuntov, M., Davidzon, I., Hsieh, B. C., Laigle, C., Anastasiou, A., Jespersen, C. K., Vinther, J., Capak, P., Casey, C. M., McPartland, C. J. R., Milvang-Jensen, B., Mobasher, B., Sanders, D. B., Zalesky, L., Arnouts, S., Aussel, H., Dunlop, J. S., Faisst, A., Franx, M., Furtak, L. J., Fynbo, J. P. U., Gould, K. M. L., Greve, T. R., Gwyn, S., Kartaltepe, J. S., Kashino, D., Koekemoer, A. M., Kokorev, V., Le Fevre, O., Lilly, S., Masters, D., Magdis, G., **Mehta, V.,** Peng, Y., Riechers, D. A., Salvato, M., Sawicki, M., Scarlata, C., Scoville, N., Shirley, R., Silverman, J. D., Sneppen, A., Smolcic, V., Steinhardt, C., Stern, D., Tanaka, M., Taniguchi, Y., Teplitz, H. I., Vaccari, M., Wang, W. H., Zamorani, G., *COSMOS2020: A Panchromatic View of the Universe to $z \sim 10$ from Two Complementary Catalogs,* 2022, ApJS, 258, 11

- Baronchelli, I., Scarlata, C. M., Rodriguez-Munoz, L., Bonato, M., Morselli, L., Vaccari, M., Carraro, R., Barrufet, L., Henry, A., **Mehta, V.,** Rodighiero, G., Baruffolo, A., Bagley, M., Battisti, A., Colbert, J., Dai, Y. S., De Pascale, M., Dickinson, H., Malkan, M., Mancini, C., Rafelski, M., Teplitz, H. I., *Identification of Single Spectral Lines in Large Spectroscopic Surveys Using UMLAUT: an Unsupervised Machine-learning Algorithm Based on Unbiased Topology,* 2021, ApJS, 257, 67

- Dai, Y. S., Malkan, M. M., Teplitz, H. I., Scarlata, C., Alavi, A., Atek, H., Bagley, M., Baronchelli, I., Battisti, A., Bunker, A. J., Hathi, N. P., Henry, A., Huang, J., Jin, G., Li, Z., Martin, C., **Mehta, V.,** Phillips, J., Rafelski, M., Rutkowski, M., Xu, H., Xu, C. K., Zanella, A., *Spectroscopically Identified Emission Line Galaxy Pairs in the WISP Survey,* 2021, ApJ, 923, 156

- Henry, A., Rafelski, M., Sunnquist, B., Pirzkal, N., Pacifici, C., Atek, H., Bagley, M., Baronchelli, I., Barro, G., Bunker, A. J., Colbert, J., Dai, Y. S., Elmegreen, B. G., Elmegreen, D. M., Finkelstein, S., Kocevski, D., Koekemoer, A., Malkan, M., Martin, C. L., **Mehta, V.,** Pahl, A., Papovich, C., Rutkowski, M., Sanchez Almeida, J., Scarlata, C., Snyder, G., Teplitz, H., *The mass-metallicity relation at z~1-2 and its dependence on star formation rate,* 2021, ApJ, 919, 143

- Clarke, L., Scarlata, C., **Mehta, V.,** Keel, W. C., Cardamone, C., Hayes, M., Adams, D., Dickinson, H., Fortson, L., Kruk, S., Lintott, C., Simmons, B., *An old stellar population or diffuse nebular continuum emission discovered in green pea galaxies,* 2021, ApJL, 912, L22

- Alavi, A., Colbert, J., Teplitz, H. I., Siana, B., Scarlata, C., Rutkowski, M., **Mehta, V.,** Henry, A., Dai, Y. S., Haardt, F., Bagley, M., *Lyman Continuum Escape Fraction from Low-mass Starbursts at z=1.3,* 2020, ApJ, 904, 59

- Baronchelli, I., Scarlata, C. M., Rodighiero, G., Rodrıguez-Muñoz, L., Bonato, M., Bagley, M., Henry, A., Rafelski, M., Malkan, M., Colbert, J., Dai, Y. S., Dickinson, H., Mancini, C., **Mehta, V.,** Morselli, L., Teplitz, H. I., *Identification of Single Spectral Lines through Supervised Machine Learning in a Large HST Survey (WISP): A Pilot Study for Euclid and WFIRST,* 2020, ApJS, 249, 12

- Bagley, M. B., Scarlata, C., **Mehta, V.,** Teplitz, H., Baronchelli, I., Eisenstein, D. J., Pozzetti, L., Cimatti, A., Rutkowski, M., Wang, Y., Merson, A., *HST Grism-derived Forecasts for Future Galaxy Redshift Surveys,* 2020, ApJ, 897, 98

- Dickinson, H., Scarlata, C., Fortson, L., Bagley, M., **Mehta, V.,** Phillips, J., Baronchelli, I., Dai, Y. S., Hathi, N., Henry, A., Malkan, M., Rafelski, M., Teplitz, H., Zanella, A., Lintott, C., *Galaxy Nurseries: Crowdsourced Analysis of Slitless Spectroscopic Data,* RNAAS, 2, 120

Research Publications (continued)

- Rutkowski, M. J., Scarlata, C., Henry, A., Hayes, M., **Mehta, V.**, Hathi, N., Cohen, S., Windhorst, R., Koekemoer, A. M., Teplitz, H. I., Haardt, F., Siana, B., *The Lyman Continuum Escape Fraction of Emission Line-selected $z\sim2.5$ Galaxies Is Less Than 15%*, 2017, ApJL, 841, L27

- Bagley, M. B., Scarlata, C., Henry, A., Rafelski, M., Malkan, M., Teplitz, H., Dai, Y. S., Baronchelli, I., Colbert, J., Rutkowski, M., **Mehta, V.**, Dressler, A., McCarthy, P., Bunker, A., Atek, H., Garel, T., Martin, C. L., Hathi, N., Siana, B., *A High Space Density of Luminous Lyman Alpha Emitters at $z\sim6.5$*, 2017, ApJ, 837, 11

- Rutkowski, M. J., Scarlata, C., Haardt, F., Siana, B., Henry, A., Rafelski, M., Hayes, M., Salvato, M., Pahl, A. J., **Mehta, V.**, Beck, M., Malkan, M., Teplitz, H. I., *Lyman Continuum Escape Fraction of Star-forming Dwarf Galaxies at $z\sim1$*, 2016, ApJ, 819, 81

- Rafelski, M., Teplitz, H. I., Gardner, J. P., Coe, D., Bond, N. A., Koekemoer, A. M., Grogin, N., Kurczynski, P., McGrath, E. J., Bourque, M., Atek, H., Brown, T. M., Colbert, J. W., Codoreanu, A., Ferguson, H. C., Finkelstein, S. L., Gawiser, E., Giavalisco, M., Gronwall, C., Hanish, D. J., Lee, K.-S., **Mehta, V.**, de Mello, D. F., Ravindranath, S., Ryan, R. E., Scarlata, C., Siana, B., Soto, E., Voyer, E. N., *UVUDF: Ultraviolet Through Near-infrared Catalog and Photometric Redshifts of Galaxies in the Hubble Ultra Deep Field*, 2015, AJ, 150, 31

Awards

2016   **Doctoral Dissertation Fellowship: 2016-17**
University of Minnesota

Successful Proposals

2022   **CoI**, HST Cycle 30, The Parallel Ionizing Emissivity Survey, Proposal ID#17147

2021   **CoI**, JWST Cycle 1, PASSAGE–Parallel Application of Slitless Spectroscopy to Analyze Galaxy Evolution, Proposal ID#1571

2020   **CoI**, HST Cycle 28, Pox 186: A Case of Complete Neutral Gas Blow-Away?, Proposal ID#16294

      CoI, HST Cycle 28, Flashlights: Many Extremely Magnified Individual Stars as Probes of Dark Matter and Stellar Populations to Redshift $z \sim 2$, Proposal ID#16278

2019   **CoI**, HST Cycle 27, Cloud Exploration: A new tool for measuring galaxy substructures and a comprehensive census of giant star-forming clumps, Proposal ID#15792

      CoI, Spitzer, The Euclid Deep Field South, Proposal ID#14235

2018   **CoI**, HST Cycle 26, Ultraviolet Imaging of the Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey Fields (UVCANDELS), Proposal ID#15647

2017   **CoI**, HST Cycle 25, Constraining the evolution of the Hubble Parameter using cosmic chronometers, Proposal ID#15015

2015   **CoI**, HST Cycle 23, Emission Line Galaxy Constraints from HST: Towards Accurate Forecasts for WFIRST and Euclid, Proposal ID#14311

      CoI, HST Cycle 23, Does All The Lyman Continuum Emission Escape From Young, Low Mass Starbursts?, Proposal ID#14123

      CoI, HST Cycle 23, WFC3 Infrared Spectroscopic Parallel Survey: The WISP Deep Fields, Proposal ID#14178

Talks and Presentations

Invited Seminars and Colloquia

Oct 2022   ▌ IPAC Seminar
IPAC, Pasadena, CA
Title: *Extreme emission line galaxies in the local universe*

Sep 2022   ▌ Euclid OU-PHZ Meeting
University of Geneva, Versoix, Switzerland
Title: *Combining Cluster-z and SOM to improve Euclid's redshift calibration*

Dec 2020   ▌ IPAC ENSCI talk series
IPAC, Pasadena, CA
Title: *Probing star-formation in galaxies at the low-mass end*

Dec 2019   ▌ University of Minnesota: MIfA Cosmology Seminar
Title: *Clump Scout: Understanding the role of massive star-forming clumps in galaxies*

Jan 2019   ▌ COSMOS2020 Meeting
IPAC, Pasadena, CA
Title: *Finding Extreme Emission Line galaxies in SPLASH-SXDF with broadband photometry*

Oct 2017   ▌ University of Minnesota: MIfA Cosmology Seminar
Title: *UV Luminosity Functions at the Cosmic high-noon*

Conference Talks

Aug 2022   ▌ Greater IPAC Science Symposium 2022
IPAC, Pasadena, CA
Title: *Resolved analysis of UV and Hα with UVCANDELS*

Jan 2018   ▌ 231st AAS Winter Meeting
Washington, DC
Title: *Star-formation in low-mass galaxies*

Jun 2016   ▌ COSMOS Team Meeting
STScI, Baltimore, MD
Title: *SPLASH-SXDF multi-wavelength catalog*

Poster Presentations

First author posters

Jan 2023   ▌ **Mehta, V.**, Teplitz, H., Scarlata, C., Wang, X., Rafelski, M., Anahita, A., Grogin, N., Koekemoer, A., Iyer, K., Prichard, L., Sunnquist, B., Windhorst, R., Conselice, C., Hathi, N., Lucas, R., Mantha, K. B., and the UVCANDELS Team, *Implications of star-formation histories on the inferred stellar physical properties of galaxies with UVCANDELS*, **241st AAS Winter Meeting**, Seattle, WA

Jun 2022   ▌ **Mehta, V.**, Teplitz, H., Scarlata, C., Kuschel, M., Rafelski, M., Wang, X., Arrabal Haro, P., Hathi, N., Hayes, M., Koekemoer, A., Ravindranath, S., Windhorst, R., and the UVCANDELS Team, *A resolved analysis of star-formation indicators at z 1 with UVCANDELS*, **240th AAS Summer Meeting**, Pasadena, CA

Poster Presentations (continued)

Apr 2017   🔖 **Mehta, V.**, Scarlata, C., Rafelski, M., Gburek, T., Teplitz, H. I., Alavi, A., Boylan-Kolchin, M., Finkelstein, S., Gardner, J. P., Grogin, N., Koekemoer, A., Kurczynski, P., Siana, B., Codoreanu, A., de Mello, D. F., Lee, K.-S., Soto, E., *UVUDF: UV Luminosity Functions at the Cosmic High-Noon*, **2017 STScI Spring Symposium**: Lifecycle of Metals throughout the Universe, *STScI*, Baltimore, MD

           🔖 **Mehta, V.**, Scarlata, C., Capak, P., Silverman, J., Hayes, M., Colbert, J. W., *Studying Extreme Emission Line Galaxies in SPLASH–SXDF*, **2017 Doctoral Research Showcase**, University of Minnesota, Minneapolis, MN

Jan 2016   🔖 **Mehta, V.**, Scarlata, C., Rafelski, M., Gburek, T., Teplitz, H. I., Alavi, A., Siana, B. D., Finkelstein, S. L., *The faint end slope of the UV LF at $z{\sim}2$ from the Hubble UV UltraDeep field*, **227th AAS Winter Meeting**, Kissimmee, FL

Professional Skills

General / Scientific   🔖 ▸ Imaging and spectroscopic data reduction and analysis in optical and near-infrared
▸ Reduction and analysis of slitless, fixed-slit and multi-object spectroscopy data
▸ Measurement of observed galaxy properties from imaging and spectroscopy
▸ Estimation of galaxy physical parameters via SED fitting
▸ Implementation of statistical tools (e.g., MCMC, MLE, clustering, Bayesian frameworks)
▸ Developement of code packages/modules to handle scientific data processing and analysis
▸ Proficiency with parallelized and high-performance computing
▸ Utilization of online data APIs, cloud-based computation and dataflows
▸ Video, graphics and webpage design

Coding   🔖 Python, LaTeX

Web Dev   🔖 HTML, CSS

Teaching and Student Supervision

Teaching Experience

Spr 2015,17   🔖 Teaching Assistant
AST 4031: Interpretation and Analysis of Astrophysical Data (Prof.: C. Scarlata)
University of Minnesota

Spr 2013   🔖 Lab Instructor
AST 1001: Exploring the Universe
University of Minnesota

Teaching and Student Supervision (continued)

Student Supervision

2021-2022 ◪ Summer REU project: D. Caballero
Topic: *Studying the spatial properties of ISM in Green Peas with MUSE*
(Currently a B.Sc. Astrophysics candidate at Boston U.)

2019-2021 ◪ Graduate 2nd-year project: D. Adams
Topic: *Galaxy Zoo: Clump Scout*
(Currently a Ph.D. Astrophysics candidate at UMN)

2020-21 ◪ Undergraduate honors project: L. Clarke
Topic: *Spectroscopic follow-up of DES EELGs*
(Currently a Ph.D. Astrophysics candidate at UCLA)

2019-20 ◪ Under-graduate thesis project: K. Chworowsky
Topic: *Extreme emission line galaxies in DES*
(Currently a Ph.D. Astrophysics candidate at UT Austin)

2015-16 ◪ Under-graduate thesis project: A. Garon
Topic: *Modeling and Removing Contamination in WISPS Grism Data*

2014-15 ◪ Under-graduate thesis project: T. Gburek
Topic: *Simulations for modeling completeness in UVUDF*
(Currently a Ph.D. Astrophysics candidate at UC Riverside)

Associations

◪ Roman Space Telescope: Grism-Prism Data Processing System (GDPS), Member

◪ Euclid Consortium, Member

◪ Parallel Application of Slitless Spectroscopy to Analyze Galaxy Evolution (PASSAGE), Member

◪ Galaxy Zoo and Zooniverse Collaboration, Member

◪ Ultraviolet Imaging of the Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey Fields (UVCANDELS) Collaboration, Member

◪ Spitzer Large Area Survey with Hyper-Suprime-Cam (SPLASH) Collaboration, Member

◪ Hubble UltraViolet Ultra Deep Field (UVUDF) Collaboration, Member

◪ WFC3 Infrared Spectroscopic Parallel (WISP) Survey Collaboration, Member

Outreach

2019-20 ◪ Galaxy Zoo: Clump Scout
Science expert for the Zooniverse talk board

2012-17 ◪ Public Outreach
Host for various outreach events on behalf of the Minnesota Institute for Astrophysics

2014 ◪ Minnesota State Fair Booth
Host for the UMN College of Physics and Astronomy Booth

2013 ◪ Friday Public Nights
Host for public observing nights at UMN