Allison G. Noble

CONTACT INFORMATION

Kavli Institute for Astrophysics
Massachusetts Institute of Technology

PROJECT ROLE

Characterizing star formation and gas content of galaxies in high-z clusters and the role of environment through infrared and submillimeter observations

CURRENT POSITION

Postdoctoral Fellow, MIT, USA 2016 – present

- Advisor: Michael McDonald

FORMER EMPLOYMENT

Postdoctoral Fellow, University of Toronto, Canada 2014 – 2016

- Advisor: Howard Yee

EDUCATION

Ph.D. McGill University - Department of Physics awarded 2014

- Thesis: *Dusty Star-Forming Galaxies within High-Redshift Galaxy Clusters*
- Advisor: Tracy Webb

B.Sc. University of Wisconsin - Madison (Graduated with Distinction) awarded 2007

- Majors: Honors in Physics and Astrophysics (Dual Major)

PROFESSIONAL SERVICE

Referee Service

- *The Astrophysical Journal; The Astrophysical Journal Letters; Monthly Notices of the Royal Astronomical Society; Letters, Astronomy & Astrophysics*

Telescope Committees

- *CFHT proposal referee; Chandra TAC*

SELECTED AWARDS

Schulich Graduate Fellowship; Molson and Hilton Hart Fellowship; Provost's Graduate Fellowship; Principal's Graduate Fellowship; McGill Recruitment Excellence Fellowship; Phi Beta Kappa; Chambliss Student Achievement Award at the AAS Meeting

SELECTED PUBLICATIONS

1. **Noble, Allison**; Webb, T. M. A.; Yee, H. K. C.; et al. (2016) *The Phase Space of $z \sim 1.2$ SpARCS Clusters: Using Herschel to probe Dust Temperature as a Function of Environment and Accretion History*. ApJ, 816, 48.
2. Webb, T. M. A.; **Noble, Allison**; DeGroot, A.; et al. (2015) *An Extreme Starburst in the Core of a Rich Galaxy Cluster at $z = 1.7$*. ApJ, 809, 173.
3. **Noble, Allison**; Geach, J. E.; van Engelen, A. J.; et al. (2013) *A submillimetre-bright $z \sim 3$ overdensity behind a $z \sim 1$ supercluster revealed by SCUBA-2 and Herschel*. MNRAS: Letters, 436, L40.
4. **Noble, Allison**; Webb, T. M. A.; Muzzin, A.; et al. (2013) *A Kinematic Approach To Assessing Environmental Effects: Star-Forming Galaxies in a $z \sim 0.9$ SpARCS cluster using Spitzer 24 μm Observations*. ApJ, 768, 118.
5. **Noble, Allison**; Webb, T. M. A.; Ellingson, E.; et al. (2012) *Submillimetre Source Counts in the Fields of High-Redshift Galaxy Clusters*. MNRAS 419, 1983.