

# The Impact of Stellar Feedback in Molecular Clouds

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## Abstract:

Low-mass stars influence their surroundings through a variety of feedback processes. However, because they are less energetic than high-mass stars, their contributions are often ignored. In this talk, I will discuss numerical simulations including protostellar outflows and B star winds and evaluate the role of these processes in the context of molecular clouds and star formation. I will demonstrate that such feedback has important implications for the IMF, the star formation efficiency of dense gas, and cloud turbulence.

**3:15 pm**

Refreshments  
CAS Room 500

**3:30 pm**

Seminar  
CAS Room 502

## Next Week

- *Jayne Kirkby*  
*Center for Astrophysics*
- Exoplanet atmospheres  
at high resolution

