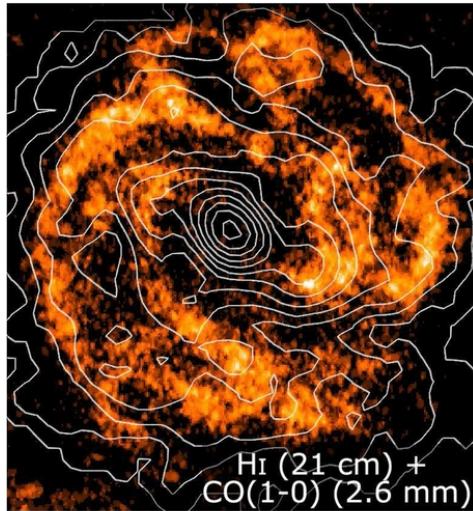
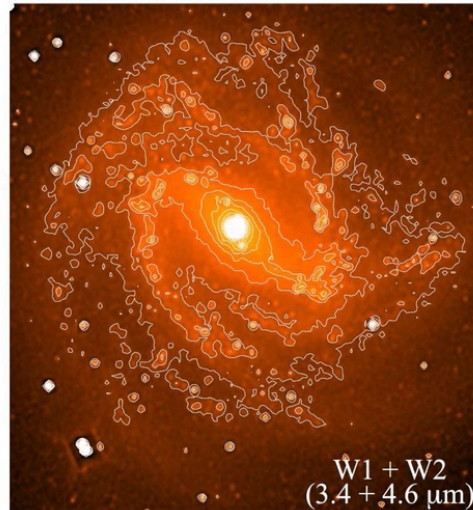


Figure 14. from Extending the Nearby Galaxy Heritage with WISE: First Results from the WISE Enhanced Resolution Galaxy Atlas
 Jarrett et al. 2013 AJ 145 6 doi:10.1088/0004-6256/145/1/6
<https://dx.doi.org/10.1088/0004-6256/145/1/6>
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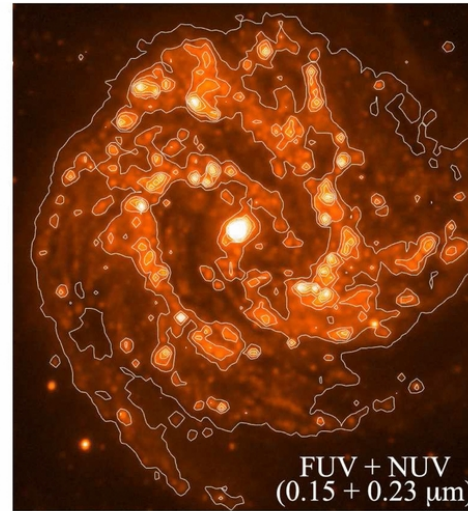


Neutral gas is the *reservoir*,
 molecular gas fuels the star formation

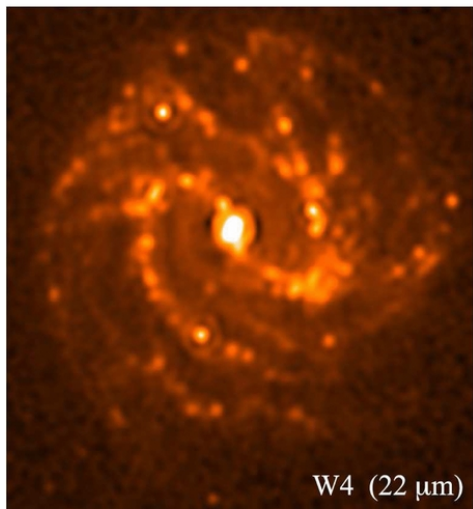
M 83: from Gas to Stars



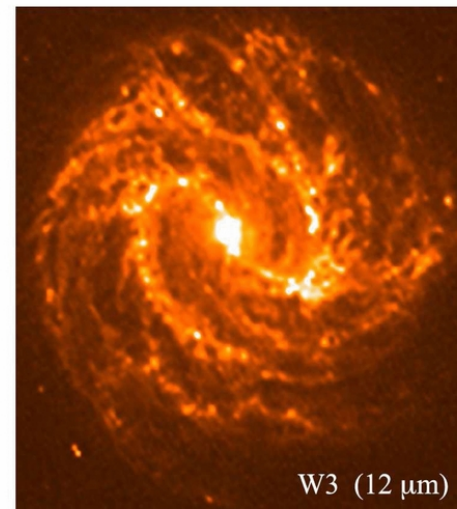
Evolved star population constitutes
 the *Stellar Backbone*



Young hot stars represent the
 current epoch of star formation



Very small dust grains efficiently
 reprocess energy from star formation



Excited PAH molecules due to
ISM heating by hot stars