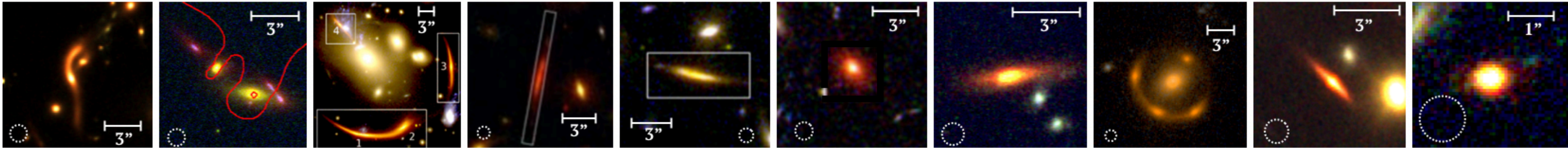


REQUIEM GALAXIES

RESOLVING QUIESCENT MAGNIFIED GALAXIES

<https://www.requiem-galaxies.com>

Credit: (Left to Right) Ebeling et al. (2018), Akhshik et al. (submitted), Toft et al. (2017), Newman et al. (2015), Muzzin et al. (2012), Man et al. (in prep)



- REQUIEM-ALMA + SIMBA/Powerday comparisons (**Lamiya Mowla**, soon to be Dunlap Fellow)
- HST grism spectroscopy (**Mo Akhshik**, UConn 5th year)
- Resolved stellar populations of HST+ALMA source plane reconstructions testing **pirate** (**Roxana Popescu**, UMass 2nd year)
- Searching auto HST+Spitzer catalogs (**Lily Wright**, UMass junior)

DAWN-IRES Scholars Program

<https://www.dawnires.com>

NSF-funded summer program
sending 8 students to DAWN.

Kate Whitaker

UMass Amherst
www.astrowhit.com

3D-Herschel

- Add Herschel photometry to 3D-HST catalogs (**Mimi Song**, UMass post-doc)
- Model the rest-UV to IR with **prospector** (led by Joel Leja, faculty at Penn State)

DASH Program

- Build and test morphological catalogs (**Sam Cutler**, UMass 2nd year)
- New 3D-DASH Large GO Program: 256 orbits of shallow imaging and grism spectra (PI: Iva Momcheva; working with Gabe Brammer)