

Olivia C. Jones

CONTACT INFORMATION	Space Telescope Science Institute 3700 San Martin Drive Baltimore MD, 21218 USA	<i>Phone:</i> +1 410-338-4531 <i>E-mail:</i> ojones@stsci.edu <i>Homepage:</i> www.stsci.edu/~ojones
RESEARCH INTERESTS	My research interests to date include: the chemical evolution and life-cycle of dust and gas in galaxies, dust formation around evolved stars, and the infrared stellar populations in Local Group galaxies.	
ACADEMIC APPOINTMENTS	Postdoctoral Fellow Space Telescope Science Institute (STScI) <ul style="list-style-type: none">Supervisor: Dr. Margaret Meixner Postdoctoral Research Associate Jodrell Bank Centre for Astrophysics, The University of Manchester <ul style="list-style-type: none">Supervisor: Prof. Albert Zijlstra	September 2014 – Present 2013 – 2014
EDUCATION	Ph.D. Astrophysics The University of Manchester <ul style="list-style-type: none">Thesis Topic: <i>Dust production by evolved stars in the Local Group</i>Supervisors: Dr. Ciska Kemper and Prof. Albert ZijlstraSTFC studentship MPhys. & BSc. Physics with Astrophysics The University of Leeds <ul style="list-style-type: none"><i>First Class, With Honours</i>MPhys Topic: <i>Black Hole Masses and Accretion Rates in Nearby AGN</i>Supervisors: Prof. Tom Hartquist and Dr. Stuart LumsdenWH Bragg scholarship	2009 – 2013 2005-2009
TEACHING EXPERIENCE	Space Telescope Science Institute, USA Supervisor <ul style="list-style-type: none">STScI summer student: Helen Meskhidze The University of Manchester, UK Work Experience Supervisor <ul style="list-style-type: none">Devised and supervised a short ‘spectral classification’ project for high-school (A-level) students on work experience placements at JBCA. Brooksbank School, Halifax, UK Student Associate <ul style="list-style-type: none">Duties included: delivering segments of lessons, working with small groups of less able pupils; preparing demonstrations, classroom activities and lesson resources.	2015 2011 – 2014 2007

AWARDED GRANTS & PROPOSALS	• PI: Boyer, Hubble Space Telescope/WFC3 + ACS, 20 orbits	2015	
	• PI: Groenewegen, ALMA, 4.9 hours	2015	
	• PI: Jones , Spitzer Space Telescope/IRAC, 2.9 hours	2014	
	• PI: Jones , APEX/SHFI, 3.9 hours	2014	
	• PI: McDonald, ALMA, 6.2 hours	2013	
	• PI: Groenewegen, ALMA, 4.9 hours	2013	
SERVICES	• Organizer, Science Coffee Talks, STScI	2015 – Present	
	• <i>HST</i> TAC Panel Support	2015	
	• Chair of the SOC/LOC, MEGA-SAGE Meeting 8, STScI	2015	
	• LOC, RAS National Astronomy Meeting, Manchester	2012	
TALKS	Colloquium		
	• CoolSci Talk Series, STScI	01/2015	
	• Leeds University, UK	05/2014	
	• ASIAA, Taiwan	02/2013	
	• Leiden Observatory, The Netherlands	01/2012	
	Contributed Talks		
	• MEGA-SAGE VII, Charlottesville	09/2014	
	• Why Galaxies Care About AGB Stars III, Vienna	08/2014	
	• The deaths of stars and the lives of galaxies, Santiago	04/2013	
	• MEGA-SAGE V, Tokyo	06/2012	
	• Late stages of stellar evolution, Warsaw	08/2011	
	• National Astronomy Meeting, Llandudno	04/2011	
	OUTREACH	The Jodcast	
		<i>The Jodcast is a bi-monthly podcast produced by astronomers at the Jodrell Bank Centre for Astrophysics. Each episode has ~4500 full downloads within 30 days of release.</i>	
• Executive producer:		12/2011 – 08/2014	
• Presenter and/or interviewer:		06/2010 – 08/2014	
• Website editor:		03/2011 – 08/2014	
• Occasional editor and cameraman.			
Events			
<i>I have been involved in the organisation and running of several outreach events; highlights include:</i>			
• ALMA at the Royal Society Summer Science Exhibition		07/2012	
• Live from Jodrell Bank		06/2011 & 07/2012	
• ‘Science Week @ the Museum of Science and Industry’	12/2011		
• <i>Herschel</i> exhibit at the Big Bang Fair	03/2010		
COMPUTER PROGRAMMING	Languages:		
	• Advanced use: IDL, HTML/CSS, T _E X (L ^A T _E X, B _I B _T E _X)		
	• Experience with: Python, Perl, SQL, Shell scripting, Starlink		

- Basic knowledge of: C/C++, IRAF

Operating Systems:

- Microsoft Windows family, Linux and other UNIX variants

PROFESSIONAL	American Astronomical Society	2014 – Present
MEMBERSHIPS	Fellow of the Royal Astronomical Society	2010 – Present
	<i>JWST</i> MIRI Science Team	2015 – Present
	<i>Spitzer</i> Surveying the Agents of Galactic Evolution	2010 – Present

SELECTED	[1] The Dustiest Post-Main Sequence Stars in the Magellanic Clouds
REFEREED	Jones , Meixner, Sargent, et al., 2015, ApJ, 811, 145
PUBLICATIONS	[2] Spitzer Infrared Spectrograph point source classification in the Small Magellanic Cloud
	Ruffle, Kemper, Jones , et al., 2015, MNRAS, 451, 3504
	[3] A Spitzer Space Telescope survey of extreme asymptotic giant branch stars in M32
	Jones , McDonald, Rich, et al., 2015, MNRAS, 446, 1584
	[4] Modelling the alumina abundance of oxygen-rich evolved stars in the Large Magellanic Cloud
	Jones , Kemper, Srinivasan, et al., 2014, MNRAS, 440, 631
	[5] On the metallicity dependence of crystalline silicates in oxygen-rich asymptotic giant branch stars and red supergiants
	Jones , Kemper, Sargent, et al., 2012, MNRAS, 427, 3209
	[6] The SAGE-Spec Spitzer Legacy program: The life-cycle of dust and gas in the Large Magellanic Cloud. Point source classification I.
	Woods, Oliveira, Kemper, et al. , 2011, MNRAS, 411, 1597