
EDUCATION	University of California, Santa Cruz	2014 -
	Pursuing Ph.D., Astronomy & Astrophysics with Emphasis in Statistics Research advisors: Piero Madau & Mark Krumholz	
	Massachusetts Institute of Technology	2010 - 2014
	S.B., Physics Thesis: <i>Optical Detection and Analysis of Pictor A's Jet</i> Thesis advisor: Herman L. Marshall GPA: 4.9/5.0	
RESEARCH POSITIONS	University of California, Santa Cruz	2014 -
	Graduate student researcher Hydrodynamical simulations of supernovae feedback	
	MIT Kavli Institute for Astrophysics — High Energy Astrophysics	2013 - 2014
	Undergraduate researcher Observing FR II jets, x-ray instrumentation	
	Universität Heidelberg Institute for Environmental Physics	2012
	Visiting research fellow Atmospheric optical spectroscopy instrumentation	
	MIT Plasma Science and Fusion Center	2011 - 2012
	Undergraduate researcher X-ray spectroscopy and calibration	
	MIT Dark Matter Time Projection Chamber	2010
	Undergraduate researcher Alpha radiation source calibration	
TEACHING EXPERIENCE	University of California, Santa Cruz	
	TA Astronomy 113: <i>Introduction to Cosmology</i>	2016
	TA Astronomy 1: <i>Introduction to the Cosmos</i>	2014
	MIT Educational Studies Program	
	Co-lecturer <i>History of 7 Fundamental Questions in Science</i>	2013
	Co-lecturer <i>Introduction to Cosmology</i>	2012
	Lecturer <i>Illuminating Dark Matter</i>	2010 - 2013
AWARDS & HONORS	Whitford Prize (UCSC)	2016
	NSF Graduate Research Fellowship	2016 -
	Osterbrock Prize Leadership Fellowship (UCSC)	2015 -
	Department of Energy Computational Science Graduate Fellowship Honorable Mention	2015
	Sigma Pi Sigma, MIT	2014
	Sigma Xi, MIT	2014
	MIT Class of '61 International Research Fellowship	2012
	American Legion Scholastic Excellence Award	2011

PUBLICATIONS	<p>Gentry, E. S., Krumholz, M. R., Avishai, D., Madau, P. “Enhanced Momentum Feedback from Clustered Supernovae,” <i>MNRAS</i>, 465, 2. 2017</p> <p>Gentry, E. S., Marshall, H. L., Hardcastle, M. J., Perlman, E. S., Birkinshaw, M., Worrall, D. M., Lenc, E., Siemiginowska, A., Urry, C. M. “Optical Detection of the Pictor A Jet and Tidal Tail: Evidence against an IC/CMB jet,” <i>ApJ</i>, 808, 92. 2015</p> <p>Marshall, H. L., Schultz, N. S., Remlinger, B., Gentry, E. S., Windt, D. L., and Gullikson, E. M. “Progress Toward a Soft X-ray Polarimeter,” <i>SPIE Conference on Optics + Photonics</i>, Paper 8861-46. 2013</p>																		
PRESENTATIONS	<table border="0"> <tbody> <tr> <td style="padding-right: 10px;">Poster</td> <td>ISM-SPP Olympian Summer School of Astrophysics</td> <td style="text-align: right;">2016</td> </tr> <tr> <td>Talk</td> <td>Santa Cruz Galaxy Workshop</td> <td style="text-align: right;">2016</td> </tr> <tr> <td>Talk</td> <td>UCSC Friday Lunchtime Astrophysics Seminar Hour (FLASH)</td> <td style="text-align: right;">2016</td> </tr> <tr> <td>Talk</td> <td>UCSC Friday Lunchtime Astrophysics Seminar Hour (FLASH)</td> <td style="text-align: right;">2015</td> </tr> <tr> <td>Talk</td> <td>New England Regional Quasar and AGN Meeting (NERQUAM)</td> <td style="text-align: right;">2014</td> </tr> <tr> <td>Poster</td> <td>American Astronomical Society 223rd Meeting</td> <td style="text-align: right;">2014</td> </tr> </tbody> </table>	Poster	ISM-SPP Olympian Summer School of Astrophysics	2016	Talk	Santa Cruz Galaxy Workshop	2016	Talk	UCSC Friday Lunchtime Astrophysics Seminar Hour (FLASH)	2016	Talk	UCSC Friday Lunchtime Astrophysics Seminar Hour (FLASH)	2015	Talk	New England Regional Quasar and AGN Meeting (NERQUAM)	2014	Poster	American Astronomical Society 223rd Meeting	2014
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