

INTERESTS	Stellar evolution, asteroseismology, machine learning, scientific computing, data science	
EDUCATION	Ph.D. Theoretical Astrophysics , International Max Planck Research School	(<i>expected 2018</i>)
	M.Sc. Computer Science , Indiana University	2014
	B.Sc. Computer Science , SUNY Oswego	2012
	B.Sc. Applied Mathematics , SUNY Oswego	2012
RESEARCH EXPERIENCE	Doctoral Candidate, Max Planck Institute for Solar System Research	2015 – present
	Visiting Assistant in Research, Department of Astronomy, Yale University	2016 – 2017
	Research Assistant, School of Informatics & Computing, Indiana University	2013 – 2015
	Guest Researcher, NIST Information Technology Laboratory	2013, 2014
	Research Student, National Institute of Informatics , Tokyo, Japan	2013
	SURF Fellow, NASA Jet Propulsion Laboratory	2012
	REU Student, Institute of Physics, Federal University of Alagoas , Brazil	2011
	REU Student, National Laboratory of Astrophysics , Brazil	2010
TEACHING EXPERIENCE	Teaching Assistant, Department of Astronomy, Yale University	Spring 2017
	Assistant, Fakultät Physik, Georg-August-Universität Göttingen	Summer 2016
	Associate Instructor, School of Informatics & Computing, Indiana University	Fall 2012
	Seminar Leader, Honors Department, SUNY Oswego	Fall 2010
HONORS & AWARDS	National Physical Science Consortium Graduate Fellowship	2012 – 2017
	Oebele Van Dyk Outstanding Computer Science Senior Award	2012
	SUNY Chancellor's Award	2012
	SUNY Oswego Student/Faculty Collaborative Challenge Grant	2011
	NSF IRES / SUNY Oswego Global Laboratory Scholarship	2010, 2011
	SMART Grant	2010, 2011
	SUNY Oswego Presidential Scholarship	2008 – 2012
REFEREED ARTICLES	Guggenberger, E., Hekker, S., Basu, S., Angelou, G. C., Bellinger, E. P. (2017). Mitigating the mass dependence in the scaling relation of red-giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 470 (2).	
	Angelou, G. C., Bellinger, E. P. , Hekker, S., Basu, S. (2017). On the Statistical Properties of the Lower Main Sequence. <i>The Astrophysical Journal</i> , 839 (2), 116.	
	Bellinger, E. P. , Angelou, G. C., Hekker, S., Basu, S., Ball, W., Guggenberger, E. (2016). Fundamental Parameters of Main-Sequence Stars in an Instant with Machine Learning. <i>The Astrophysical Journal</i> , 830 (1), 20.	
	Guggenberger, E., Hekker, S., Basu, S., Bellinger, E. P. (2016). Significantly improving stellar mass and radius estimates: A new reference function for the $\Delta\nu$ scaling relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 461 (2).	
	Ji, C., Li, Y. F., Bellinger, E. P. , Li, S., Arnold, R. J., Radivojac, P., Tang, H. (2015). A Maximum-likelihood Approach to Absolute Protein Quantification in Mass Spectrometry. <i>Proceedings of the 6th ACM Conference on Bioinformatics, Computational Biology and Health Informatics</i> , 10, 296–305.	
	Glover, M., Bellinger, E. P. , Radivojac, P., Clemmer, D. (2015). Penultimate Proline in Neuropeptides. <i>Analytic Chemistry</i> , 87 (16), 8466–8472.	
	Ngeow, C. C., Kanbur, S. M., Bellinger, E. P. , Marconi, M., Musella, I., Cignoni, M., & Lin, Y. H. (2012). Period-luminosity relations for Cepheid variables: from mid-infrared to multi-phase. <i>Astrophysics and Space Science</i> , 341(1), 105–113.	
TECHNICAL REPORTS	Bellinger, E. P. , Conner, D., Mittman, D., Magee, K., & Heventhal, B. (2012). CASSIUS: the Cassini Uplink Scheduler. <i>Jet Propulsion Laboratory: National Aeronautics and Space Administration</i> .	