

INTERESTS	Astrophysics, stellar evolution, asteroseismology, artificial intelligence, machine learning, data science	
POSITION	Postdoctoral Research Fellow , Stellar Astrophysics Centre, Aarhus University, Denmark	2018 – 2021
EDUCATION	Ph.D. Astrophysics , International Max Planck Research School (IMPRS), Germany	2018
	M.Sc. Computer Science , Indiana University, USA (GPA: 3.95/4.0)	2014
	B.Sc. Computer Science , SUNY Oswego, USA (GPA: 3.81/4.0, ranked #1 overall)	2012
	B.Sc. Applied Mathematics , SUNY Oswego, USA (<i>summa cum laude</i>)	2012
PAST RESEARCH POSITIONS	Research Assistant, Max Planck Institute for Solar System Research , Germany	2015 – 2018
	Visiting Assistant in Research, Yale University , USA	2016 – 2017
	Research Assistant, Indiana University , USA	2013 – 2015
	Guest Researcher, NIST Information Technology Laboratory , USA	2013 – 2014
	Research Student, National Institute of Informatics , Japan	2013
	SURF Fellow, NASA Jet Propulsion Laboratory , USA	2012
	REU Student, Federal University of Alagoas , Brazil	2011
	REU Student, Federal University of Santa Catarina , Brazil	2010
TEACHING POSITIONS	Assistant, Department of Physics & Astronomy, Aarhus University , Denmark	2018
	Teaching Assistant, Department of Astronomy, Yale University , USA	2017
	Assistant, Institute for Astrophysics, University of Göttingen , Germany	2016
	Associate Instructor, School of Informatics & Computing, Indiana University , USA	2012
	Seminar Leader, Honors Department, SUNY Oswego , USA	2010
SELECTED HONORS & AWARDS	Stellar Astrophysics Centre Postdoctoral Fellowship	2018 – 2021
	National Physical Science Consortium Graduate Fellowship	2012 – 2017
	SUNY Oswego Presidential Scholarship	2008 – 2012
	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
PUBLISHING	19 publications (9 first author), 106 citations, h-index of 6, Erdős number of 3	
SELECTED SCIENTIFIC ARTICLES	Bellinger, E. P. , Basu, S., Hekker, S., Ball, W. (2018). Model-independent measurement of internal stellar structure in 16 Cygni A and B. <i>The Astrophysical Journal</i> , 851 (2), 80.	
	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.	
	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> .	
	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.	
	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).	