

# ALEX DRLICA-WAGNER

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<b>Appointments</b>	◇ UNIVERSITY OF CHICAGO Associate Professor, Astronomy & Astrophysics	2023–present
	◇ FERMI NATIONAL ACCELERATOR LABORATORY Scientist, Particle Physics Division	2021–present
	◇ UNIVERSITY OF CHICAGO Assistant Professor, Astronomy & Astrophysics	2018–2023
	◇ FERMI NATIONAL ACCELERATOR LABORATORY Wilson Fellow (Associate Scientist)	2018–2021
<b>Education and Training</b>	◇ Fermi National Accelerator Laboratory, Schramm Postdoctoral Fellow	2013–2018
	◇ Stanford University, Ph.D. Physics	2008–2013
	◇ Washington University in St. Louis, B.A. Physics ( <i>summa cum laude</i> )	2004–2008
<b>Research Interests</b>	◇ Cosmological probes of dark matter, dark energy, and neutrinos	
	◇ Near-field cosmology and small-scale structure	
	◇ Ultra-low-noise CCD detector development	
	◇ Machine learning and data science in cosmology	
<b>Honors and Awards</b>	◇ Wilson Fellow, Fermi National Accelerator Laboratory	2018
	◇ Evans Visiting Scholar in Astrophysics, University of California, Irvine	2018
	◇ Alvin Tollestrup Award, Fermi National Accelerator Laboratory	2016
	◇ KICP Associate Fellow, University of Chicago	2014
	◇ Schramm Fellow, Fermi National Accelerator Laboratory	2013
	◇ Giddings Graduate Fellow, Stanford University	2012
	◇ Joachim Herz Stiftung Fellow, 62nd Lindau Meeting of Noble Laureates	2012
	◇ Office of Science Graduate Fellow, United States Department of Energy	2010
	◇ Senior Physics Prize, Washington University in St. Louis	2008
◇ Greg Delos Fellow, Washington University in St. Louis	2007	
<b>Service and Leadership</b>	◇ Principal Investigator of the DECam Local Volume Survey	
	◇ Member of DES, LSST DESC, and <i>Fermi</i> -LAT Collaborations	
	◇ Reviewer for <i>Science</i> , PRL, PRD, ApJL, ApJ, and JCAP	
	◇ Research mentor for 25+ students and postdoctoral scholars	
	◇ \$1.8M+ in research funding through grants, awards, and scholarships	
<b>Presentations</b>	◇ 45+ invited scientific talks at conferences, seminars, and colloquia.	
	◇ 10+ general audience talks on astrophysics, cosmology, and the search for dark matter	
	◇ Public tour guide for Fermilab, SLAC, and the American Museum of Natural History	
<b>Publications</b>	◇ Lead author of 45+ refereed publications in cosmology and particle astrophysics	
	◇ 220+ total publication, 29,000+ citations, h-index: 83, i10-index: 207	
	◇ Full publication list available at: <a href="https://kadrlica.github.io/publications.html">https://kadrlica.github.io/publications.html</a>	
<b>Technical Skills</b>	◇ Analysis of multi-petabyte-scale astrophysical data sets	
	◇ Python, C/C++, bash, LSF/HTCondor, html, L <sup>A</sup> T <sub>E</sub> X	
	◇ 80+ open source software repositories: <a href="https://github.com/kadrlica">https://github.com/kadrlica</a>	