

# Adam L. Kraus

## Curriculum Vitae

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Univ. of Texas at Austin  
Dept. of Astronomy  
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### EDUCATION

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**Ph.D.**, Astrophysics, California Institute of Technology June 2009  
Thesis: *Multiple Star Formation* (Adv: Prof. Lynne A. Hillenbrand)  
**B.S.**, Astronomy (honors), University of Kansas May 2003  
**B.S.**, Physics, University of Kansas May 2003  
**B.S.**, Mathematics, University of Kansas May 2003

### RESEARCH INTERESTS

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Star & Planet Formation  
Direct Imaging of Young Exoplanets  
Structure and Kinematics of Star-Forming Regions  
Fundamental Properties of Stars

### POSITIONS

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Assistant Professor, Univ. of Texas at Austin 2013–  
Clay Fellow, Harvard-Smithsonian CfA 2012-2013  
Hubble Fellow, Univ. of Hawaii-IfA *Faculty Contact: Prof. Michael C. Liu* 2009–2012  
Graduate Researcher, Caltech *Thesis Adviser: Prof. Lynne A. Hillenbrand* 2003–2009

### GRANTS AWARDED

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NASA Spitzer Space Telescope  
*A Proper-Motion Census of Star-Forming Regions* \$331,890 (**PI**)  
NASA-Keck Observing Program  
*The Impact of Stellar Multiplicity on Planet Occurrence* \$17,000 (**PI**)  
*Giant Planets Caught at Formation* \$10,000 (**PI**)  
Hubble Fellowship Program  
*The Formation and Architecture of Outer Solar Systems* \$320,000 (**PI**)  
NASA Hubble Space Telescope  
*The Formation of Wide Planetary-Mass Companions* (GO-12507) \$143,000 (**PI**)  
*The Mass-Luminosity-Temperature Relation of Young Stars* (GO-12506) \$83,000 (**PI**)  
*The Dynamical Legacy of Star Formation in IC348* (GO-11544) \$130,000 (**PI**)  
*The Dynamical Legacy of Star Formation in Orion* (AR-11761) \$75,000 (**PI**)  
NASA Space Interferometer Mission  
*Measuring the Kinematics of Young Stars with SIM* \$75,000 (**PI**)

## **OBSERVING TIME AWARDED**

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Keck 10m Telescopes (Four Instruments)	56 nights
Hubble Space Telescope (WFPC2, WFC3)	67 orbits
Spitzer Space Telescope: (IRAC)	570 hours
Very Large Telescope: (NACO)	4.5 nights
Magellan Observatory: (MIKE, FIRE)	7 nights
Hobby-Eberly Telescope (HRS)	30 hours
Palomar 200-inch Telescope: (Four Instruments)	41 nights
UH 2.2m Telescope: (Two Instruments)	28 nights

## **HONORS AND AWARDS**

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Clay Fellow	2012
Hubble Fellow	2009
Goldwater Scholar	2002
Chancellor's Scholar, University of Kansas	1998
Summerfield Scholar, University of Kansas	1998
National Merit Scholar	1998

## **PROFESSIONAL SERVICE**

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HST Proposal Review Panel member (Cycles 19, 20)	2011-2012
Research Mentor, UH Graduate student K. Aller (2nd year project)	2011-2012
University of Hawaii-IfA Time Allocation Committee member	2010-2011
Research Mentor, Two UH Summer REU students	2010,2012
Science Organizing Committee, Palomar Science Meeting	2009
Referee for <i>Science</i> , <i>ApJ</i> , <i>ApJL</i> , <i>MNRAS</i> , and <i>A&amp;A</i> .	2007-present