

# Ann Marie Cody

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## RESEARCH INTERESTS

Variability of young stars and associated physics, including stellar accretion, star-disk interaction, and starspot phenomena. This work also includes observational tests of pre-main sequence stellar structure, evolution, and planet formation. Extensive experience in optical and infrared precision photometry, especially with space telescopes. Technosignatures with optical SETI.

## EDUCATION

### California Institute of Technology

PhD in Astronomy, December 2011 (conferred June 2012)  
Dissertation: "A Search for Pulsation in Brown Dwarfs and Very Low Mass Stars"  
Advisor: Prof. Lynne Hillenbrand

### University of Cambridge

MPhil in Physics, July 2004 (conferred January 2005)  
Dissertation: "Seismology of Stars with Metal-enriched Surface Convection Zones"  
Advisor: Prof. Douglas Gough

### Harvard University

AM in Astronomy & Astrophysics, June 2003  
AB *magna cum laude* with highest honors in Astronomy & Astrophysics, June 2003  
Senior thesis: "Polluted Stellar Evolution: Modeling the Effects of Planet Accretion"  
Advisor: Prof. Dimitar Sasselov

## POSITIONS

### SETI Institute, Mountain View, CA

Research Scientist at the Carl Sagan Center, *2019-present*

### De Anza College, Cupertino CA

Part-time faculty instructor in Astronomy, *January 2020-present*

### NASA Ames Research Center

Research Scientist through the Bay Area Environmental Research Institute, *2020-2022*  
High Level Data Product Manager for the *Kepler* & *K2* Mission Guest Observer Office, *2017-20*  
NASA Postdoctoral Program Fellow, *2014-17*

### California Institute of Technology

Postdoctoral Scholar in Astronomy at the Infrared Processing and Analysis Center, *2012-14*  
Graduate researcher in Astronomy, *2004-11*

### Anglo-Australian Observatory, Epping, Australia

Summer student analyzing dwarf galaxy spectra, *June-August 2003*

### ASTRON, Dwingeloo, Netherlands

Summer student in interferometric radio data on high-redshift galaxies, *June-August 2002*

### University of Hawaii Institute of Astronomy

NSF summer REU student in stellar abundances of globular cluster stars, *June-August 2001*

## RESEARCH GRANTS

1. NASA SMD funding augmentation program for early career researchers impacted by the covid-19 pandemic, **PI**
2. NASA Astrophysics Data Analysis Program (ADAP), **PI**  
“*Stellar Physics on the Early Pre-main Sequence: The K2 View*”
3. NASA Exoplanet Research Program (XRP), **PI**  
“*From Exocomets to Technosignatures: Hidden Occulters in Planetary Systems*”
4. NASA Astrophysics Data Analysis Program (ADAP), **co-I**  
“*Rescuing Kepler’s Background and Crowded Targets*”
5. NASA TESS Guest Investigator Program, cycle 2, **PI**  
“*A TESS Monitoring Survey of Young Intermediate-mass Stars*”
6. NASA TESS Guest Investigator Program, cycle 1, **PI**  
“*A TESS Monitoring Survey of Young Intermediate-mass Stars*”
7. NASA K2 Guest Observer Program, cycle 4, **PI**  
“*A K2 Monitoring Survey of Young Stars in Taurus: Star and Disk Structure at 1 Myr*”
8. NASA K2 Guest Observer Program, cycle 1, **co-I**  
“*The K2 Young Suns Survey: Clues to Star and Planet Formation from Observations of Young Open Cluster Stars*”
9. NASA Spitzer Space Telescope, program 10172, **PI**  
“*Simultaneous Spitzer and K2 monitoring of young accreting stars in Upper Scorpius*”
10. MOST U.S. Guest Observer Program, **co-PI**  
“*Continuous Monitoring of T Tauri Stars: A Novel Probe of Pre-Main Sequence Variability*”
11. NASA Spitzer Space Telescope, program 60169, **PI**  
“*A Search for Pulsation in Young Brown Dwarfs*”
12. NASA Hubble Space Telescope, cycle 17, program 11610, **PI**  
“*A Search for Pulsation in Young Brown Dwarfs*”
13. Philanthropic Education Organization research grant, **PI**

## PRESS & OUTREACH

- Guest lecturer, Galileo as Exemplar course, Hendrix College (2020-23)
- Guest, UW Madison astronomy department career panel (2022)
- Guest, SETI Live show (2021, 2022)
- Guest, SETI Institute Weekly Space Hangout (2021)
- Contributor, CBS “Mission Unstoppable” program on women in STEM (2021)
- Guest, “For the Love of Science” podcast (2021)
- Research program highlighted in Vice Magazine (2021)  
<https://www.vice.com/en/article/pkbq7z/nasa-is-quietly-funding-a-hunt-for-alien-megastructures>
- Research program highlighted in Supercluster (2021)  
<https://www.supercluster.com/editorial/nasa-is-supporting-the-search-for-alien-megastructures>
- Research program highlighted in Physics World (2021)  
<https://physicsworld.com/a/scanning-the-cosmos-for-signs-of-alien-technology/>
- Collaborator, SETI Institute Artists in Residence Program (2020-present)
- Lecturer on technosignatures, Berkeley REU program (2021-23)
- Lecturer on exoplanets, SETI REU program (2019-21)
- Presenter on astronomy careers for the Minerva KGI University (2020)
- Monthly lecture, San Francisco Amateur Astronomers (2017 & 2019)
- Presenter for the League of Creative Minds middle/high school program (2019)
- Cartoonist for NASA Kepler/K2 mission (2017-19)  
e.g., <https://www.nasa.gov/image-feature/what-does-kepler-have-its-eye-on/>
- Presenter at the Los Altos High School STEAM week (2018)
- Participant, NASA/Kepler public outreach group (2014-18)
- School presenter, “Journey Through the Universe” week, Hilo, Hawaii (March 10-14, 2014)
- Participant, astronomy outreach group, IPAC/Caltech (2011-14)

## AWARDS & HONORS

- Best poster prize, Cool Stars conference (2008, 2014)
- Rodger Doxsey Travel Prize for dissertation talk at the winter meeting of the AAS (2011)
- Philanthropic Education Organization Scholar Award: \$10,000 research grant (2007-8)
- Virginia Gilloon Fellowship, Caltech (2004-5)
- Captain Jonathan Fay Prize for “the most outstanding imaginative work or piece of research [by a Harvard undergraduate] in any field” (2004)
- Thomas T. Hoopes Prize for outstanding undergraduate thesis research (2004)
- National Science Foundation Graduate Research Fellowship, honorable mention (2003-4)
- Winston Churchill Foundation Scholarship for one year of study at the University of Cambridge, UK (2003-4)
- Leo Goldberg prize for best senior thesis in the Harvard Astronomy Department (2003)
- John Harvard Scholarship for academic achievement (1999-2000; 2002-3)
- Leo Goldberg prize for best junior thesis in the Harvard Astronomy Department (2001)
- Barry M. Goldwater Scholarship (2001)

## TELESCOPE TIME

- Gemini South Telescope (IGRINS), 14.5 hours: **PI**
- Gemini South Telescope (Zorro, IGRINS), 29.6 hours: **co-I**
- Las Cumbres Observatory Global Telescope network, 78 hours: **PI/co-I**
- TESS Guest Investigator Program, cycles 1 (GO-11285), 2 (GO-22236, 4 (GO-04246): **PI**
- ESO Vista Survey Telescope (OMEGACAM), 14 hours: **PI**
- K2 Mission Campaigns 0 (GO-0093), 9 (GO-9921) and 13 (GO-13117): **PI**
- K2 Mission Campaigns 0 (GO-0034), 4 (GO-4032), and 5 (GO-5032): **co-I**
- NASA Hubble Space Telescope, 35 orbits (GO-11610): **PI**
- NASA Spitzer Space Telescope, 67 hours (p60169, p10172, p12113): **PI**
- NASA Spitzer Space Telescope, 826 hours (p90154, p90098, p11063): **co-I**
- Microvariability and Oscillation of Stars (MOST) telescope, 25 days: **co-I\***
- Gemini South Telescope (DSSI), 3 nights: **PI/co-I**
- Keck 10m telescopes (HIRES, NIRSPEC, DEIMOS), 11 nights: **co-I\***
- Las Cumbres Observatory Global Telescope network, 24.75 days: **co-I\***
- Palomar 200” telescope (DBSP, LFC), 13 nights: **PI**
- Palomar robotic 60” telescope, 57 half-nights: **PI**
- CTIO 1.0m telescope, 36 nights: **PI**
- NOAO/WIYN telescope (HYDRA), 6 nights: **PI/co-I**

\*I prepared these proposals but the PI was required to be a faculty member.

## TEACHING

### De Anza College

- *Astronomy 4*, “Solar System Astronomy”: sole instructor for 450+ students, 2020-2023

### California Institute of Technology

- *Astronomy 218*, “Precision Photometry” (grad level): three guest lectures, 2009
- *Astronomy 101*, “The Physics of Stars” (undergrad level):
  - Guest lecturer (five classes), 2006-8
  - Teaching assistant, 2006-7
- *Astronomy 123*, “Structure and Evolution of Stars” (grad): teaching assistant, 2005-6
- *Astronomy 105*, “Optical Astronomy Instrumentation Lab” (undergrad): teaching assistant, 2005-6
- *Astronomy 1*, “The Evolving Universe” (undergrad): teaching assistant, 2005-8

### Harvard University

- Physics & mathematics tutor, Harvard Bureau of Study Counsel, 2000-2

## MENTORING

### Postdocs and staff

- Laura Venuti, June 2021-present
- Daniel Giles, January 2021-present

### Undergraduates

- Dana Yaptangco, University of Florida (Berkeley REU intern), June-Aug 2023
- Lana Tilke, Connecticut College (Berkeley REU intern; now PhD student at ASU), June-Aug 2022
- Joshua Bromley, UC Berkeley (co-advised with D. Giles), April 2021-22
- Marlee Rapp, U Michigan (SETI REU intern), June-August 2021
- Alex Parsells, U Oklahoma (co-advised w/ D. Giles; now PhD student at Columbia), June-Aug 2021
- Marvin Morgan, UPenn (SETI REU intern; now PhD student at U Texas), June-August 2020
- Oliver Metzler-Winslow, Cal State LA (Cal-Bridge Summer CAMPARE intern), June-August 2019
- Emma Turtelboom, MIT (SETI REU intern; now PhD student at UC Berkeley), June-August 2018
- Bryan Mann, Emory University (NASA intern; co-advised with T. Barclay), June-August 2015
- Jamie Tayar, Caltech (SURF student; co-advised with L. Hillenbrand; now Hubble Fellow at IfA Hawaii), June-August 2011
- Charles Kilpatrick, Caltech (SURF student; co-advised with L. Hillenbrand; now CIERA Fellow at Northwestern), June-August 2009

### High school

- Shreya Chandragiri (now undergrad at Santa Clara University), September 2021-present
- Sabine Sulka (now undergrad at Holyoke College), December 2022-present
- Yifan Tong (now undergrad at UC Berkeley), January 2022-August 2023
- Anton Kourakin, June 2021-February 2022
- Apoorva Thanvantri (now undergrad at Caltech), August 2020-22
- Sowmya Thanvantri (now undergrad at UC Berkeley), February 2019-June 2020
- Shashank Dholakia (BA from UC Berkeley; now PhD student at UQ), August 2015-17
- Shishir Dholakia (BA from UC Berkeley; now PhD student at USQ), August 2015-17

## AFFILIATIONS & SERVICE

- Deputy PI, proposed NASA SMEX mission “Early Star & Planet Evolution Explorer”
- Member, American Astronomical Society
- Referee, *AAS Journals*
- Referee, *Astronomy & Astrophysics*
- Scientific reviewer, NSF AAG program
- Scientific reviewer, NASA ADAP program
- Scientific reviewer, NASA XRP program
- Scientific reviewer, NASA TESS Guest Observer Program
- Scientific reviewer, NASA K2 Guest Observer Program
- Time allocation committee member, Las Cumbres Observatory
- Time allocation committee member, NOIRlab (5 semesters)
- Time allocation committee member, Hubble Space Telescope
- Splinter session organizer, Kepler & K2 Science Conference
- Scientific reviewer, Spitzer Space Telescope observing program
- Scientific reviewer, Hubble Space Telescope observing program
- Scientific reviewer, Chilean National Science and Technology Commission
- Scientific reviewer, Hungarian Natl. Research Development & Innovation Office
- Lead organizer, Dwarf Stars and Clusters with K2 workshop
- Lead organizer, Pasadena Area Postdoc Retreat
- Co-founder, Caltech astronomy career discussion forum

## INVITED TALKS

- Conference talk, “Inner Disks from Time Domain Photometry” Inside 2022 workshop, Ringberg Germany, September 2022
- Seminar, “SETI with TESS: A Search for Technosignatures” NASA Goddard Technosignatures Seminar Series, December 2021
- Conference panelist, “A Planetary Perspective: Meet the L Variable,” Earth at the Crossroads: Can the Study of Other Worlds Help Us Save This One?” a conference at Georgetown University and online, November 2021
- Presenter and young star panelist, “Young Stars in the Time Domain,” TESS Science Conference 2, August 2021
- Conference talk, “Exoplanet Discovery: From the Cosmos to the Classroom,” American Association of Physics Teachers conference, December 2020
- Meeting talk, “Herbig Ae/Be Stars: The TESS View,” TESS Science Team meeting, November 2020
- Seminar, “Exoplanets: How Kepler and Other Telescopes are Revealing their Properties and Origins,” SETI Institute summer seminar series, June 2018
- Colloquium, “Young Stars in the Time Domain,” University of Colorado Boulder, February 2018
- Conference talk, “Dipper Star Demographics,” Lorentz Center Workshop on *Rocks Rubble and Rings*, Leiden, Netherlands, September 2016
- Colloquium, “The Youngest Planets and their Host Stars,” SETI Talks, Mountain View CA, September 2016
- Conference talk, “K2 Observations of Young Star Clusters”, K2 Science Conference, Santa Barbara, CA, November 2015
- Conference talk, “Multiwavelength Variability Surveys: Reaping the Stellar Harvest,” Astronomical Data Analysis and Systems (ADASS) XXV, Sydney, Australia October 2015
- Colloquium, “The Youngest Planets and their Host Stars,” Australia National University, Canberra Australia, October 2015
- Colloquium, “The Youngest Planets and their Host Stars” Western Washington University, Bellingham, WA, October 2015
- Colloquium, “Dynamic Young Stars and their Disks: A Temporal View,” Institute for Astronomy, University of Hawaii at Manoa, March 2014
- Special session talk, “Spitzer and Variable Young Stars: Shining a Spotlight on Circumstellar Disks,” 223<sup>rd</sup> American Astronomical Society meeting, Washington, D.C., January 2014
- Conference talk, “Spitzer and the Variable Young Stars: Shining a Spotlight on Circumstellar Disks,” 10<sup>th</sup> Anniversary Symposium of the Spitzer Space Telescope, Pasadena, September 2013

- Colloquium, “Dynamic Young Stars and their Disks,” UC Santa Cruz Astronomy Department, February 2013
- Conference talk, “The Coordinated Synoptic Investigation of NGC 2264,” Spitzer Users Panel, May 2012
- Seminar, “A temporal view of young stars,” Caltech Time Domain Forum, March 2012
- Colloquium, “Twinkle, twinkle little star: High precision photometry sheds light on young stars and brown dwarfs,” Cal State University Los Angeles physics colloquium, March 2012
- Conference talk, “A search for pulsation in young brown dwarfs and low-mass stars,” ESA-CONSTELLATION workshop on the formation of brown dwarfs, Noordwijk Netherlands, Sept. 2009
- Seminar, “Polluted Stellar Evolution: Implications for Planet Accretion,” University of Melbourne Astrophysics Seminar, Melbourne, Australia, Sept. 2003

#### **SELECT OTHER PRESENTATIONS**

- Conference talk, “Technosignatures with TESS: A Search for Anomalies,” Penn State SETI Symposium,” June 2023
- Speaker and splinter session organizer, “The Power of SETI with TESS,” TESS Science Conference 2, August 2020
- Seminar, “Young Stars in the Time Domain: The View with Kepler,” Berkeley Center for Integrative Planetary Science seminar series, University of California Berkeley, April 2019
- Seminar, “Young Stars in the Time Domain,” NASA Ames ACES talk, February 2018
- Conference talk, “The Youngest Planets and their Host Stars,” *Bay Area Exoplanet Meeting*, Moffett Field CA, March 2017
- Conference talk, “K2 Observations of Open Clusters,” *Cool Stars XIX*, Uppsala, Sweden, June 2016
- Conference talk, “Flickering Young Stars: Clues to Star and Planet Formation,” IAU 314: Young Stars and Planets Near the Sun, Atlanta GA, May 2015
- Conference talk, “Dynamic Young Stars and their Disks: a Temporal View with *CoRoT* and *Spitzer*,” The Space Photometry Revolution, Toulouse France, July 2014
- Conference talk, “Photometric Manifestations of Accretion,” *Cool Stars XVIII*, Flagstaff, June 2014
- Conference talk, “YSOVAR: Probing mid-infrared Variability in Orion and Beyond,” Orion Nebula Cluster as a Paradigm of Star Formation – Workshop, Baltimore MD, October 2013
- Conference talk, “The Coordinated Synoptic Investigation of NGC 2264,” Cool Stars 17 conference, Barcelona Spain, June 2012

- Dissertation talk, “The Search for Pulsation in Young Low-mass Stars and Brown Dwarfs: A High-precision Photometric Census of Variability at 3-5 Myr,” *AAS* meeting, Seattle, Jan. 2011
- Conference talk, “Pulsation powered by deuterium burning in brown dwarfs and very-low-mass stars,” *Pulsation: Challenges for Theory and Observation* conference, Santa Fe, May 2009
- Conference talk, “Searching for Pulsation in Brown Dwarfs and Very Low Mass Stars,” *Cool Stars XV*, St. Andrews Scotland, July 2008
- Conference talk, “Searching for Pulsation in Very Low Mass Stars and Brown Dwarfs,” *Unsolved Problems in Stellar Physics* conference, Cambridge UK, July 2007
- Conference talk, “Constraining the Origin of High Metallicity in Planet Host Stars,” *From Disks to Planets* conference, Pasadena, CA, March 2005

## PUBLICATIONS

**Refereed:** Total of 91 papers published or under review; 13 first author, 11 second author

- “Circumstellar Disk Accretion Across the Lagoon Nebula: The Influence of Environment and Stellar Mass,” 2023 *AAS Journals* submitted (L. Venuti, **A. Cody**, G. Beccari, L. Rebull, M. J. Irwin, A. Thanvantri, S. Thanvantri, G. Barentsen, J. Drew, S. Howell)
- “The TEMPO Survey I: Predicting Yields of the Transiting Exosatellites, Moons, and Planets from a 30-day Survey of Orion with the Nancy Grace Roman Space Telescope,” 2023 *PASP*, 135, 440 (M. Limbach, M. Soares-Furtado, A. Vanderburg, W. Best, **A. Cody**, et al.)
- “Searching the SETI Ellipsoid with Gaia,” 2022 *AJ*, 164, 117 (J. R. Davenport, B. Cabrales, S. Sheikh, S. Croft, A. Siemion, D. Giles, **A. Cody**)
- “Rotation of Low-mass Stars in Upper Centaurus-Lupus and Lower Centaurus-Crux with TESS,” 2022 *AJ*, 164, 80 (L. Rebull, J.R. Stauffer, L. Hillenbrand, **A. Cody**, E. Kruse, B. Powell)
- “The Many-Faceted Light Curves of Young Disk-bearing Stars in Taurus as Seen by K2,” 2022 *AJ*, 153, 212 (**A. Cody**, L. Hillenbrand & L. Rebull)
- “Hubble Space Telescope Imaging of Luminous Extragalactic Infrared Transients and Variables from the Spitzer Infrared Intensive Transients Survey,” 2022 *ApJ*, 928, 158 (H. Bond, J. Jencson, P. Whitelock, S. Adams, J. Bally, **A. Cody**, et al.)
- “Beyond the Dips of V807 Tau, a Spectropolarimetric Study of a Dipper’s Magnetosphere,” 2021 *A&A*, 656, 50 (K. Pouilly, J. Bouvier, E. Alecian, S.H.P. Alencar, **A. Cody**, J.-F. Donati, K. Grankin, L. Rebull, C. Folsom)
- “SN2017jgh: A High-cadence Complete Shock Cooling Light Curve of a SN Iib with the Kepler Telescope,” 2021 *MNRAS*, 507, 3125 (P. Armstrong et al., including **A. Cody**)
- “Multicolor Variability of Young Stars in the Lagoon Nebula: Driving Causes and Intrinsic Timescales,” 2021 *AJ*, 162, 101 (L. Venuti, **A. Cody**, L. Rebull, G. Beccari, M. J. Irwin, S. Thanvantri, S. Howell, G. Barentsen)
- “The Dipper Population of Taurus Seen with K2,” 2021 *A&A*, 651, 44 (N. Roggero, J. Bouvier, L. Rebull, **A. Cody**)

- “Even More Rapidly Rotating Rotating Pre-main Sequence M Dwarfs with Highly Structured Light Curves: An Initial Survey in the Lower Centaurus-Crux and Upper Centaurus-Lupus Associations,” 2021 AJ, 161, 60 (J.R. Stauffer, L. Rebull, M. Jardine, A. Collier Cameron, **A. Cody**, L. Hillenbrand, D. Barrado, E. Kruse, B. Powell)
- “When Do Stalled Stars Resume Spinning Down? Advancing Gyrochronology with Ruprecht 147,” 2020 AJ, 904, 140 (J. Curtis, M. Agüeros, S. Matt, K. Covey, S. Douglas, R. Angus, S. Saar, **A. Cody**, et al.)
- “An Asymmetric Eclipse Seen Toward the Pre-main Sequence Binary System V928 Tau,” 2020 AJ, 160, 285 (D. van Dam, M. Kenworthy, T.J. David, E. Mamajek, L. Hillenbrand, **A. Cody**, et al.)
- “Magnetospheric Accretion in the Intermediate-mass T Tauri Star HQ Tauri,” 2020 A&A, 642, 99 (K. Pouilly, J. Bouvier, A. Alecian, S.H.P. Alencar, **A. Cody**, et al.)
- “Mon-735: A New Low-mass Pre-main Sequence Eclipsing Binary in NGC 2264,” 2020 MNRAS, 495, 1531 (E. Gillen, L. Hillenbrand, J.R. Stauffer, S. Aigrain, L. Rebull, **A. Cody**)
- “Rotation of Low-Mass Stars in Taurus with K2,” 2020 AJ, 159, 273 (L. Rebull, J.R. Stauffer, **A. Cody**, L. Hillenbrand, J. Bouvier, N. Roggero, T.J. David)
- “A Substellar Companion to a Hot Star in K2’s Campaign 0 Field,” 2019 PASP, 131, 4402 (S. Dholakia, S. Dholakia, **A. Cody**, S. Howell, M. Johnson, H. Isaacson, M. Everett, D. Ciardi, A. Howard, A. Shporer)
- “The SPIRITS Sample of Luminous Infrared Transients: Uncovering Hidden Supernovae and Dusty Stellar Outbursts in Nearby Galaxies,” 2019 ApJ, 886, 40 (J. Jencson, M.M. Kasliwal, S.M. Adams, H. Bond, K. De, J. Johansson, V. Karambelkar, R. Lau, K. Tinyanont, S. Ryder, **A. Cody**, et al.)
- “A Warm Jupiter-sized Planet Transiting the Pre-main Sequence Star V1298 Tau,” 2019 ApJ, 158, 79 (T. David, **A. Cody**, et al.)
- “CSI 2264: Simultaneous optical and X-ray variability in pre-Main Sequence stars. II: Photometric Variability, Magnetic Activity, and Rotation in Class III Objects and Stars with Transition Disks,” 2019 A&A, 628, 74 (M. Guarcello, E. Flaccomio, G. Micela, C. Argiroffi, S. Sciortino, L. Venuti, J. Stauffer, L. Rebull & **A. Cody**)
- “Four Small Planets Buried in K2 Systems: What Can We Learn from TESS?,” 2019 ApJ, 880, 5 (C. Hedges, N. Saunders, G. Barentsen, J. Coughlin, J. Vinicius de Miranda, V. Kostov, J. Dotson, **A. Cody**)
- “Uncovering Red and Dusty Ultraluminous X-ray Sources with Spitzer,” 2019 ApJ, 878, 71 (R. Lau, M. Heida, D.J. Walton, M.M. Kasliwal, S.M. Adams, **A. Cody**, et al.)
- “SPIRITS Catalog of Infrared Variables: Identification of Extremely Luminous Long Period Variables,” 2019 ApJ, 877, 110 (V.R. Karambelkar, S.M. Adams, P.A. Whitelock, M.M. Kasliwal, J.E. Jencson, M.L. Boyer, S.R. Goldman, F. Masci, **A. Cody**, et al.)
- “Age Determination in Upper Scorpius with Eclipsing Binaries,” 2019 ApJ, 872, 161 (T. David, L. Hillenbrand, E. Gillen, **A. Cody**, S. Howell, H. Isaacson, J. Livingston)



- “K2 Observations of SN 2018oh Reveal a Two-Component Rising Light Curve for a Type Ia Supernova,” 2019 ApJ, 870, 1 (Dimitriadis, G. et al., including **A. Cody**)
- “Seeing Double: ASASSN-18bt Exhibits a double-power-law Rise in the Early-Time K2 Light Curve,” 2019 ApJ, 870, 13 (Shappee, B. J. et al., including **A. Cody**)
- “Photometric and Spectroscopic Properties of Type Ia Supernova 2018oh with Early Excess Emission from the Kepler 2 Observations,” 2019 ApJ, 870, 12 (Li, W. et al., including **A. Cody**)
- Discovery of a Transiting Adolescent Sub-Neptune Exoplanet in the Cas-Tau Association with K2,” 2018 AJ, 156, 302 (T. David, E. Mamajek, A. Vanderburg, J. Schlieder, M. Bristow, E. Petigura, D. Ciardi, I. Crossfield, H. Isaacson, **A. Cody**, et al.)
- “The Rotational Evolution of Young, Binary M Dwarfs,” 2018 AJ, 156, 275 (Stauffer, J. R., Rebull, L., **A. Cody**, et al.)
- “The Inner Disk Structure of the Classical T Tauri Star LkCa 15,” 2018 A&A, 620, 195 (S.H.P. Alencar, J. Bouvier, J.-F. Donati, E. Alecian, C. P. Folsom, K. Grankin, G. Hussain, C. Hill, **A. Cody**, et al.)
- “A multi-wavelength view of magnetic flaring from PMS stars,” 2018 A&A, 620, 55 (E. Flaccomio, G. Micela, S. Sciortino, **A. Cody** et al.)
- “SPIRITS 16tn in NGC 3556: A Heavily Obscured and Low-luminosity Supernova at 8.8 Mpc,” 2018 ApJ, 863, 20 (J. Jencson et al., including **A. Cody**)
- “The Many-faceted Light Curves of Young Disk-bearing Stars in Upper Sco — Oph Observed by K2 Campaign 2,” 2018 AJ, 156, 71 (**A. Cody** & L. Hillenbrand)
- “Three Small Planets Transiting the Bright Young Field Star K2-233,” 2018 AJ, 155, 222 (T. David, et al. including **A. Cody**)
- “Rotation of Low-mass Stars in Upper Scorpius and  $\rho$  Ophiuchus with K2,” 2018 AJ, 155, 196 (L. Rebull, J. R. Stauffer, **A. Cody**, L. Hillenbrand, T. David & M. Pinnsonneault)
- “YSOVAR: Mid-infrared Variability among YSOs in the Star Formation Region Serpens South,” 2018 AJ, 155, 99 (S. Wolk, H. Günther, K. Poppenhaeager, E. Winston, L. Rebull, J. Stauffer, R. Gutermuth, **A. Cody**, et al.)
- “More Rapidly Rotating PMS M Dwarfs with Light Curves Suggestive of Orbiting Clouds of Material,” 2018 AJ, 155, 63 (J. Stauffer, L. Rebull, T. David, M. Jardine, A. Collier Cameron, **A. Cody**, et al.)
- “The Gaia-ESO Survey and CSI 2264: Substructures, disks, and sequential star formation in the young open cluster NGC 2264” 2017 A&A, 609, 10 (L. Venuti, L. Prisinzano, G. Flaccomio, R. Bonito, F. Damiani, G. Micela, M. Guarcello, S. Randich, J. Stauffer, **A. Cody** et al.)
- “M Dwarf rotation from the K2 young clusters to the field. I. A Mass-Rotation Correlation at 10 Myr,” 2017 AJ, 850, 134 (G. Somers, J. Stauffer, L. Rebull, **A. Cody** & Marc Pinnsonneault)
- “New low-mass eclipsing binary systems in Praesepe discovered by K2,” 2017 ApJ 849, 11 (E. Gillen, L. Hillenbrand, T. David, S. Agrain, L. Rebull, J. Stauffer, **A. Cody** et al.)

- “Identification of Young Stellar Variables with KELT for K2 I: Campaign 13 Taurus,” 2017 ApJ 848, 97 (J. Rodriguez, M. Ansdell, R. Oelkers, P. Cargile, E. Gaidos, **A. Cody** et al.)
- “CSI 2264: Simultaneous optical and X-ray variability in pre-Main Sequence stars. I: Time resolved X-ray spectral analysis during optical dips and accretion bursts in stars with disks,” 2017 A&A, 602, 10 (M. Guarcello, E. Flaccomio, G. Micela, C. Argiroffi, S. Sciortino, L. Venuti, J. Stauffer, L. Rebull & **A. Cody**)
- “Rotation of Late-type Stars in Praesepe with K2,” 2017 ApJ 839, 92 (L. Rebull, J. Stauffer, L. Hillenbrand, **A. Cody**, J. Bouvier, D. Soderblom, M. Pinsonneault, & L. Hebb)
- “SPIRITS: Uncovering Unusual Infrared Transients with Spitzer,” 2017 ApJ 839, 88 (M. Kasliwal, J. Bally, F. Masci, **A. Cody** et al.)
- “A Low-mass Exoplanet Candidate Detected by K2 Transiting the Praesepe M Dwarf JS 183,” 2017 AJ 153, 177 (J. Pepper, E. Guillen, H. Parviainen, L. Hillenbrand, **A. Cody** et al.)
- “Orbiting Clouds of Material at the Keplerian Co-rotation Radius of Rapidly Rotating Low-mass WTTs in Upper Sco,” 2017 AJ 153, 152 (J. Stauffer, A. Collier Cameron, M. Jardine, T. David, L. Rebull, **A. Cody** et al.)
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