

CURRICULUM VITAE  
KRZYSZTOF Z. STANEK

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**EDUCATION:** PRINCETON UNIVERSITY, Princeton, NJ 1992 – 1996  
DEPARTMENT OF ASTROPHYSICAL SCIENCES  
**Ph.D.** received November 1996  
**M.A.** received November 1994  
PhD Thesis Topic: Properties of the Inner Galaxy  
Thesis Advisor: Prof. Bohdan Paczyński

WARSAW UNIVERSITY, Warsaw, Poland 1987 – 1991  
DEPARTMENT OF PHYSICS  
Magister of Astronomy (equiv. to **M.Sc.**), December 1991

**EMPLOYMENT:**

THE OHIO STATE UNIVERSITY, Columbus, Ohio  
DEPARTMENT OF ASTRONOMY  
Professor October 2009 – present  
Associate Professor September 2005 – September 2009

HARVARD UNIVERSITY, Cambridge, Massachusetts  
DEPARTMENT OF ASTRONOMY  
Associate Professor January 2005 – August 2005  
Assistant Professor January 2001 – December 2004

HARVARD-SMITHSONIAN CFA, Cambridge, Massachusetts  
Hubble Postdoctoral Fellow September 1999 – December 2000  
CfA Postdoctoral Fellow September 1996 – August 1999

PRINCETON UNIVERSITY, Princeton, New Jersey  
DEPARTMENT OF ASTROPHYSICAL SCIENCES  
Research Assistant September 1992 – August 1996

COPERNICUS ASTRONOMICAL CENTER, Warsaw, Poland  
Research Assistant January – September 1992

## RESEARCH INTERESTS

Variable objects throughout the Universe, massive stars, gamma-ray bursts, supernovae and other stellar explosions, extragalactic distance scale, transit searches for planets and many other things.

## STUDENTS AND POSTDOCS SUPERVISED IN RESEARCH:

*I am a co-author of about 80 papers written with a graduate student as the first author and about 20 papers written with a postdoc at the first author.*

**Rubab Khan**, Ohio State, 2008-present, Ph.D. student, “Dusty stars in nearby galaxies”, “Cosmic explosions”, six joint papers published/submitted.

**Ben Shappee**, Ohio State, 2009-present, Ph.D. student, “Cepheids with *HST* and Image Subtraction”, “Type Ia Supernovae”, three joint papers published/submitted.

**Rebecca Stoll**, Ohio State, 2010-present, Graduate student, “The Host Galaxies of the Most Energetic Core-Collapse Supernovae”, two joint paper published/submitted.

**Calen Henderson**, Ohio State, 2009-2011, Graduate student, “Massive stars in Cygnus OB2”, one joint paper published.

**Dorota Szczygiel**, 2009-present, Postdoc at OSU, “Luminous variables in nearby galaxies”, “Cosmic explosions”, 11 joint papers published/in preparation.

**Jose Prieto**, Ohio State, 2006-2009, Ph.D. student, “Most Massive Stars in the Local Universe”, “Follow-up of GRBs”, ten joint papers published. Awarded 5-year Hubble/Carnegie-Princeton Fellowship in 2009.

**Ondrej Pejcha**, Ohio State, 2008-2009, Graduate student, “RR Lyr stars in the LMC”, one joint paper published.

**Roberto Assef**, Ohio State, 2008-2009, Graduate student, “Planets around giants stars”, one joint paper published.

**David Nataf**, Ohio State, 2007-2010, Graduate student, “Wide Field Variability Survey of the Galactic Bulge”, three joint paper published.

**Joel Hartman**, Harvard, 2003-2008, Graduate student, “High Precision Photometry”, “MMT Transit Survey of M37”, 14 joint papers published.

**Molly Peeples**, Ohio State, 2006-2008, Graduate student, “IR Variability of the Galactic Center Region”, “Outliers in the Mass-Metallicity Relation”, four joint papers published.

**Jonathan Bird**, Ohio State, 2007-2008, Graduate student, “The Longest Period Cepheids”, one joint paper published.

**Joshua Pepper**, Ohio State, 2006-2007, Graduate student, “Precision Photometry with the KELT Telescope”, three joint papers published. Awarded VIDA 5-year Postdoctoral Fellowship in 2007.

**Heng Hao**, Harvard, 2005-2007, Graduate student, “Spectroscopic Follow-up of Gamma-Ray Bursts”, three joint papers published.

**Maryam Modjaz**, Harvard, 2006-2008, Graduate student, “Follow-up of Gamma-Ray Bursts”, four joint papers published. Awarded the Miller Postdoctoral Fellowship in 2007.

**Alceste Bonanos**, Harvard, 2001-2005, Ph.D. student (Thesis defended June 2005), “Extragalactic Distance Scale”, six joint papers published. Awarded the Rubin Postdoctoral Fellowship in 2005.

**Gaspar Bakos**, Hubble Postdoctoral Fellowship at CfA. Faculty contact 2004-2005.

**Josh Winn**, Hubble Postdoctoral Fellowship at CfA 2004-2005. Collaborator/advisor.

**Barbara Mochejska**, Hubble Postdoctoral Fellowship at CfA. Faculty contact 2002-2004.

**Cesar Fuentes**, Harvard, 2005, Graduate student, “Variability of the Hypervelocity Star SDSS J090745.0+024507”, one joint paper published.

**Lucas Laursen**, Harvard, 2003-2004, Undergraduate student, “Short-timescale Variability of the Gamma-Ray Bursts”, one joint paper published.

**Gaspar Bakos**, SAO, 2003-2004, Predoctoral student, “HAT Network of Small Automated Telescopes”, two joint papers published.

**Saurabh Jha**, Harvard, 2000-2002, Graduate student, “Follow-up of Gamma-Ray Bursts”. Awarded the Miller Postdoctoral Fellowship in 2002. Six joint papers published.

**Lucas Macri**, Harvard, 1998-2002, Graduate student, “Extragalactic Distance Scale”. Awarded the Hubble Postdoctoral Fellowship in 2002. Six joint papers published.

**Barbara Mochejska**, Warsaw, 1997-2002, M.A. and Ph.D. Thesis student (with J.Kaluzny), “DIRECT Distances to Nearby Galaxies”. Awarded the Hubble Postdoctoral Fellowship in 2002. Nine joint papers published.

**Przemysław Woźniak**, Princeton, Summer 1995, Undergraduate student, “Extinction Properties Towards the Galactic Bulge”, one joint paper published.

#### **SELECTED EXTERNAL RESEARCH SUPPORT:**

“Revealed by Their Own Dust:

Identifying the Missing Links in Massive Star Evolution”, **PI** 2011 – 2014  
NSF Astronomical Sciences, \$314,000

“A complete census of the deaths of massive stars ”, **CoI** 2009 – 2012  
NSF Astronomical Sciences, \$751,000

“Most Massive Stars in the Local Universe”, **PI** 2007 – 2011  
NSF Astronomical Sciences, \$365,000

“HAT Network of Small Automated Telescopes for Detecting Planets”, **CoI** 2004 – 2007  
NASA TPF Foundation Science Mission, \$805,000

“Calibration of the Extragalactic Distance Scale with NGC4258”, **CoI** 2003 – 2004  
*HST* Research Proposal, \$150,000

“**DIRECT** Distances to the M31 and the M33 Galaxies”, **CoI** 1999 – 2002  
NSF Extragalactic Program, \$305,000

#### **SELECTED FELLOWSHIPS AND AWARDS:**

Fellow of the American Association for the Advancement of Science 2011

Hubble Postdoctoral Fellowship 1999

Polish Astronomical Society Biannual “Young Astronomer” Award 1999

Harvard-Smithsonian CfA Postdoctoral Fellowship 1996

Polish Astr. Society “Junior Prize” for research paper published by junior astrophysicist 1993

The A. Piekara Prize from the Polish Physical Society for best M.Sc. thesis in physics 1992

The T. Chlebowski Fellowship for best student of astronomy at the Warsaw University 1991

## MISCELLANEOUS:

Have 157 papers in refereed journals (19 as the first author, about 80 as the second/third author).

Publications cited about 9,100 times to date ( $\sim 900$  citations in 2012). Hirsch h-index of 49.

Referee for: *Acta Astronomica*, *ApJ*, *A&A*, *AJ*, *MNRAS*

Invited talks at Arizona, Athens, Austin, Berkeley, BU, Caltech, Carnegie, Columbia, Harvard, LLNL, Louisville, MIT, Michigan, Minnesota, NYU, Ohio State, UPenn, PennState, Princeton, Stanford, UCLA, UNLV, Virginia/NRAO and Yale.

Work described on multiple occasions in general audience articles in:

*Astronomy*, *BBC.com*, *Boston Globe*, *CNN*, *Columbus Dispatch*, *Discover*, *Economist*, *LA Times*, *Nature*, *National Geographic*, *New Scientist*, *NY Times*, *Physics Today*, *Physics World*, *Science*, *Sky & Telescope*, *USA Today*, *Washington Post* and many others.

Work selected as one of the Top 10 Science Breakthroughs of 2003 by “*Science*” magazine.

Chair of the OSU Astronomy Graduate Admissions (2006-2009).

Served on the Clay, Columbus and Hubble Postdoctoral Fellowship selection committees.

## PUBLICATIONS:

### Some well cited papers [citations from ADS]:

- “Spectroscopic Discovery of the Supernova 2003dh Associated with GRB 030329”, **K. Z. Stanek**, T. Matheson, P. M. Garnavich et al. 2003, *ApJ*, 591, L17 [**764**]
- “The Optical Gravitational Lensing Experiment. The Optical Depth to Gravitational Microlensing in the Direction of the Galactic Bulge”, A. Udalski, M. Szymański, **K. Z. Stanek** et al. 1994, *Acta Astronomica*, 44, 165 [**283**]
- “Distance to M31 with the *HST* and *Hipparcos* Red Clump Stars”, **K. Z. Stanek** & P. M. Garnavich 1998, *ApJ*, 503, L131 [**266**]
- “BVRI Observations of the Optical Afterglow of GRB 990510”, **K. Z. Stanek**, P. M. Garnavich, J. Kaluzny et al. 1999, *ApJ*, 522, L39 [**207**]
- “Protecting Life in the Milky Way: Metals Keep the GRBs Away”, **K. Z. Stanek**, O. Y. Gnedin, J. F. Beacom et al. 2006, *AcA*, 56, 333 [**174**]
- “Galactocentric Distance With the OGLE and Hipparcos Red Clump Stars”, B. Paczyński & **K. Z. Stanek** 1998, *ApJ*, 494, L219 [**168**]
- “Color-Magnitude Diagram Distribution of the Bulge Red Clump Stars – Evidence for the Galactic Bar”, **K. Z. Stanek**, M. Mateo, A. Udalski et al. 1994, *ApJ*, 429, L73 [**151**]
- “Modeling the Galactic Bar Using Red Clump Giants”, **K. Z. Stanek**, A. Udalski, M. Szymański et al. 1997, *ApJ*, 477, 163 [**149**]
- “Extinction Map of Baade’s Window”, **K. Z. Stanek** 1996, *ApJ*, 460, L37 [**117**]

## Books:

2. "The Variable Universe: A Celebration of Bohdan Paczyński", 2009, ASP Conference Series Volume 403, **K. Z. Stanek** (editor)
1. "The Fate of the Most Massive Stars", 2005, ASP Conference Series Volume 332, R. M. Humphreys & **K. Z. Stanek** (editors)

## Refereed journals:

157. "Finding  $\eta$ Car Analogs in Nearby Galaxies Using Spitzer: I. Candidate Selection", R. Khan, **K. Z. Stanek** & C. S. Kochanek 2012, ApJ, in press (arXiv1210.6980)
156. "No Stripped Hydrogen in the Nebular Spectra of Nearby Type Ia Supernova 2011fe", B. J. Shappee, **K. Z. Stanek** et al. 2013, ApJ, 762, L5
155. "KELT-1b: A Strongly Irradiated, Highly Inflated, Short Period, 27 Jupiter-mass Companion Transiting a mid-F Star", R. J. Siverd et al. (incl. **K. Z. Stanek**) 2012, ApJ, 761, 123
154. "Type Ia Single Degenerate Survivors Must Be Overluminous", B. J. Shappee, C. S. Kochanek & **K. Z. Stanek** 2012, ApJ, in press (arXiv1205.5028)
153. "Probing the low-redshift star formation rate as a function of metallicity through the local environments of type II supernovae", R. Stoll, J. L. Prieto, **K. Z. Stanek** & R. W. Pogge 2012, ApJ, submitted (arXiv1205.2338)
152. "Unmasking the Supernova Impostors", C. S. Kochanek, D. M. Szczygiel & **K. Z. Stanek** 2012, ApJ, 758, 142
151. "KELT-2Ab: A Hot Jupiter Transiting the Bright ( $V = 8.77$ ) Primary Star of a Binary System", T. G. Beatty et al. (incl. **K. Z. Stanek**) 2012, ApJ, 756, L39
150. "Reverberation Mapping Results for Five Seyfert 1 Galaxies", C. J. Grier et al. (incl. **K. Z. Stanek**) 2012, ApJ, 755, 60
149. "The Panchromatic Hubble Andromeda Treasury", J. J. Dalcanton et al. (incl. **K. Z. Stanek**) 2012, ApJS, 200, 18
148. "The Unusual Temporal and Spectral Evolution of the Type II In Supernova 2011ht", P. W. A. Roming et al. 2012 (incl. **K. Z. Stanek**), 2012, ApJ, 751, 92
147. "Dust to Dust: Three Years in the Evolution of the Unusual SN 2008S", D. M. Szczygiel et al. (incl. **K. Z. Stanek**) 2012, ApJ, 750, 77
146. "SN 2008jb: A "Lost" Core-Collapse Supernova in a Star-Forming Dwarf Galaxy at  $\sim 10$  Mpc", J. L. Prieto et al. (incl. **K. Z. Stanek**) 2012, ApJ, 745, 70
145. "A Reverberation Lag for the High-ionization Component of the Broad-line Region in the Narrow-line Seyfert 1 Mrk 335", C. J. Grier et al. (incl. **K. Z. Stanek**) 2012, ApJ, 744, L4
144. "The Very Massive and Hot LMC Star VFTS 682: Progenitor of a Future Dark Gamma-Ray Burst?" D. Zhang & **K. Z. Stanek** 2012, Acta Astronomica, 62, 23

143. "Discovery of Variability of the Progenitor of SN 2011dh in M51 Using the Large Binocular Telescope", D. M. Szczygiel et al. (incl. **K. Z. Stanek**) 2012, ApJ, 747, 23
142. "The Impact of Metallicity on the Rate of Type Ia Supernovae", M. D. Kistler, **K. Z. Stanek** et al. 2011, ApJ, submitted (arXiv:1106.3115)
141. "Super-Chandrasekhar SNe Ia Strongly Prefer Metal-poor Environments", R. Khan, **K. Z. Stanek** et al. 2011, ApJ, 737, L24
140. "A Study of Cepheids in M81 with the Large Binocular Telescope (Efficiently Calibrated with HST)", J. R. Gerke et al. (incl. **K. Z. Stanek**) 2011, ApJ, 743, 176
139. "The Cosmic Core-collapse Supernova Rate Does Not Match the Massive-Star Formation Rate", S. Horiuchi et al. (incl. **K. Z. Stanek**) 2011, ApJ, 738, 154
138. "A New Cepheid Distance to the Giant Spiral M101 Based On Image Subtraction of HST/ACS Observations", B. J. Shappee & **K. Z. Stanek** 2011, ApJ, 733, 124
137. "Object-X: The Brightest Mid-IR Point Source in M33", R. Khan, **K. Z. Stanek** et al. 2011, ApJ, 732, 43
136. "The Supernova Impostor Impostor SN 1961V: Spitzer Shows That Zwicky Was Right (Again)", C. S. Kochanek, D. M. Szczygiel & **K. Z. Stanek** 2011, ApJ, 737, 76
135. "An R- and I-Band Photometric Variability Survey of the Cygnus OB2 Association", C. B. Henderson, **K. Z. Stanek** et al. 2011, ApJS, 194, 27
134. "The SN 2008S Progenitor Star: Gone or Again Self-Obscured?", J. L. Prieto et al. (incl. **K. Z. Stanek**) 2010, ApJ, submitted (arXiv:1007.0011)
133. "SN 2010jl in UGC 5189: Yet Another Luminous Type IIn Supernova in a Metal-poor Galaxy", R. Stoll, J. L. Prieto, **K. Z. Stanek** et al. 2011, ApJ, 730, 34
132. "Pre-discovery and Follow-up Observations of the Nearby SN 2009nr: Implications for Prompt Type Ia Supernovae", R. Khan et al. 2011, ApJ, 726, 106
131. "SDWFS-MT-1: A Self-obscured Luminous Supernova at  $z=0.2$ ", S. Kozlowski et al. (incl. **K. Z. Stanek**) 2010, ApJ, 722, 1624
130. "The Split Red Clump of the Galactic Bulge from OGLE-III", D. M. Nataf et al. (incl. **K. Z. Stanek**) 2010, ApJ, 721, L28
129. "SN 2010U: A Luminous Nova in NGC 4214", R. Humphreys et al. (incl. **K. Z. Stanek**) 2010, ApJ, 718, L43
128. "HAT Discovery of 76 Bright Periodic Variable Stars Toward the Galactic Bulge", D. M. Nataf, **K. Z. Stanek** & G. Bakos 2010, AcA, 60, 261
127. "Census of Self-Obscured Massive Stars in Nearby Galaxies with Spitzer: Implications for Understanding the Progenitors of SN 2008S-Like Transients", R. Khan, **K. Z. Stanek** et al. 2010, ApJ, 715, 1094
126. "Optical Variability of Bright Stars in the Large Magellanic Cloud Using 10 Years of ASAS Data", D. M. Szczygiel, **K. Z. Stanek** et al. 2010, AJ, 140, 14

125. “The Structure of the LMC Stellar Halo Derived Using OGLE-III RR Lyr Stars”, O. Pejcha & **K. Z. Stanek** 2009, ApJ, 704, 1730
124. “Finding the Brightest Galactic Bulge Microlensing Events with a Small Aperture Telescope and Image Subtraction”, D. M. Nataf, **K. Z. Stanek** & G. A. Bakos 2009, AcA, 59, 255
123. “A New Class of Luminous Transients and A First Census of Their Massive Stellar Progenitors”, T. A. Thompson, J. L. Prieto, **K. Z. Stanek** et al. 2009, ApJ, 705, 1364
122. “Detecting Transits of Planetary Companions to Giant Stars”, R. J. Assef, B. S. Gaudi & **K. Z. Stanek** 2009, ApJ, 701, 1616
121. “CfA3: 185 Type Ia Supernova Light Curves from the CfA”, M. Hicken et al. (incl. **K. Z. Stanek**) 2009, ApJ, 700, 331
120. “Fabry-Perot Absorption Line Spectroscopy of the Galactic Bar. I. Kinematics” N. Rangwala, T. B. Williams & **K. Z. Stanek** 2009, ApJ, 691, 1387
119. “Microlensing Event MOA-2007-BLG-400: Exhuming the Buried Signature of a Cool, Jovian-Mass Planet”, S. Dong et al. (incl. **K. Z. Stanek**) 2009, ApJ, 698, 1826
118. “Using Ultra Long Period Cepheids to Extend the Cosmic Distance Ladder to 100 Mpc and Beyond”, J. C. Bird, , **K. Z. Stanek** & J. L. Prieto 2009, ApJ, 695, 874
117. “Outliers from the Mass–Metallicity Relation I: A Sample of Massive Metal-Poor Galaxies from SDSS”, M. S. Peeples, R. W. Pogge & **K. Z. Stanek** 2009, ApJ, 695, 259
116. “Deep MMT Transit Survey of the Open Cluster M37 IV: Limit on the Fraction of Stars With Planets as Small as  $0.3 R_J$ ”, J. D. Hartman et al. (incl. **K. Z. Stanek**) 2009, ApJ, 695, 336
115. “Deep MMT Transit Survey of the Open Cluster M37 III: Stellar Rotation at 550 Myr”, J. D. Hartman et al. (incl. **K. Z. Stanek**) 2009, ApJ, 691, 342
114. “Difference Imaging of Lensed Quasar Candidates in the SDSS Supernova Survey Region”, B. C. Lacki, C. S. Kochanek, **K. Z. Stanek**, et al. 2009, ApJ, 698, 428
113. “Planets in Stellar Clusters Extensive Search. V. Search for Planets and Identification of 18 new Variable Stars in the Old Open Cluster NGC 188” B. J. Mochejska, **K. Z. Stanek** et al. 2008, AcA, 58, 263
112. “Outliers from the Mass–Metallicity Relation I: A Sample of Metal-Rich Dwarf Galaxies from SDSS” M. S. Peeples, R. W. Pogge & **K. Z. Stanek** 2008, ApJ, 685, 904
111. “A Survey About Nothing: Monitoring a Million Supergiants for Failed Supernovae”, C. S. Kochanek et al. (incl. **K. Z. Stanek**) 2008, ApJ, 684, 1336
110. “Discovery of the Dust-Enshrouded Progenitor of SN 2008S with Spitzer”, J. L. Prieto et al. (incl. **K. Z. Stanek**) 2008, ApJ, 681, L9
109. “Go Long, Go Deep: Finding Optical Jet Breaks for Swift-Era GRBs with the LBT”, X. Dai et al. (incl. **K. Z. Stanek**) 2008, ApJ, 682, L77
108. “Deep MMT Transit Survey of the Open Cluster M37 II: Variable Stars”, J. D. Hartman et al. (incl. **K. Z. Stanek**) 2008, ApJ, 675, 1254

107. “Deep MMT Transit Survey of the Open Cluster M37 I: Observations and Cluster Parameters”, J. D. Hartman et al. (incl. **K. Z. Stanek**) 2008, ApJ, 675, 1233
106. “A Photometric Survey for Variables and Transits in the Field of Praesepe with KELT”, J. Pepper, **K. Z. Stanek** et al. 2008, AJ, 135, 90
105. “LBT Discovery of a Yellow Supergiant Eclipsing Binary in the Dwarf Galaxy Holmberg IX”, J. L. Prieto, **K. Z. Stanek**, C. S. Kochanek et al. 2008, ApJ, 673, L59
104. “An Unexpectedly Swift Rise in the Gamma-ray Burst Rate”, M. D. Kistler, H. Yuksel, J. F. Beacom & **K. Z. Stanek** 2008, ApJ, 673, L119
103. “Characterizing Supernova Progenitors via the Metallicities of their Host Galaxies, from Poor Dwarfs to Rich Spirals”, J. L. Prieto, **K. Z. Stanek** & J. F. Beacom 2008, ApJ, 673, 999
102. “Measured Metallicities at the Sites of Nearby Broad-Lined Type Ic Supernovae and Implications for the SN-GRB Connection 2007”, M. Modjaz et al. (incl. **K. Z. Stanek**) 2008, AJ, 135, 1136
101. “The Future is Now: the Formation of Single Low Mass White Dwarfs in the Solar Neighborhood”, M. Kilic, **K. Z. Stanek** & M. H. Pinsonneault 2007, ApJ, 671, 761
100. “The Kilodegree Extremely Little Telescope (KELT): A Small Robotic Telescope for Large-Area Synoptic Surveys”, J. Pepper et al. (incl. **K. Z. Stanek**) 2007, PASP, 119, 923
99. “A Study of Stellar Photometric Variability Within the Central 4 pc of the Galactic Center with Infrared Image Subtraction”, M. S. Peeples, **K. Z. Stanek** & D. L. DePoy 2007, Acta Astronomica, 57, 173
98. “Disparate MG II Absorption Statistics Towards Quasars and Gamma-ray Bursts: a Possible Explanation”, S. Frank, M. C. Bentz, **K. Z. Stanek** et al. 2007, Ap&SS, 312, 325
97. “Strongly Variable  $z=1.48$  MgII and FeII Absorption in the Spectra of  $z=4.05$  GRB 060206”, H. Hao, **K. Z. Stanek** et al. 2007, ApJ, 659, L99
96. “HAT-P-1b: A Large-Radius, Low-Density Exoplanet Transiting one Member of a Stellar Binary”, G. A. Bakos et al. (incl. **K. Z. Stanek**) 2007, ApJ, 656, 662
95. “Optical and X-Ray Observations of GRB 060526: A Complex Afterglow with An Achromatic Jet Break”, X. Dai et al. (incl. **K. Z. Stanek**) 2007, ApJ, 658, 509
94. “Protecting Life in the Milky Way: Metals Keep the GRBs Away”, **K. Z. Stanek**, O. Y. Gnedin, J. F. Beacom et al. 2006, Acta Astronomica, 56, 333
93. “The Transit Light Curve Project. IV. Five Transits of the Exoplanet OGLE-TR-10b” M. J. Holman et al. (incl. **K. Z. Stanek**) 2007, ApJ, 655, 1103
92. “The Nature of the Variable Galactic Center Source GCIRS 16SW Revisited: A Massive Eclipsing Binary”, M. S. Peeples et al. (incl. **K. Z. Stanek**) 2007, ApJ, 654, L61
91. “Anomalous Optical GRB Afterglows are Common: Two  $z\sim 4$  Bursts, GRB 060206 and 060210”, **K. Z. Stanek**, X. Dai, J. L. Prieto et al. 2007, ApJ, 654, L21
90. “A New Cepheid Distance to the Maser-Host Galaxy NGC 4258 and Its Implications for the Hubble Constant”, L. M. Macri, **K. Z. Stanek** et al. 2006, ApJ, 652, 1133



89. “The First DIRECT Distance Determination to a Detached Eclipsing Binary in M33”, A. Z. Bonanos, **K. Z. Stanek** et al. 2006, ApJ, 652, 313
88. “Deep CFHT Photometric Survey of the Entire M33 Galaxy I: Catalogue of 36000 Variable Point Sources”, J. D. Hartman, D. Bersier, **K. Z. Stanek** et al. 2006, MNRAS, 371, 1405
87. “Early-Time Photometry and Spectroscopy of the Fast Evolving SN 2006AJ Associated with GRB 060218”, M. Modjaz, **K. Z. Stanek**, P. M. Garnavich et al. 2006, ApJ, 645, L21
86. “Microlens OGLE-2005-BLG-169 Implies Cool Neptune-Like Planets are Common”, A. Gould et al. (incl. **K. Z. Stanek**) 2006, ApJ, 644, L37
85. “A Simple Method To Find All Lensed Quasar”, C. S. Kochanek, B. J. Mochejska, N. D. Morgan & **K. Z. Stanek**, 2006, ApJ, 637, L73
84. “Binaries Like to be Twins: Implications for Doubly Degenerate Binaries, the Supernova Ia Rate and Other Interacting Binaries”, M. H. Pinsonneault & **K. Z. Stanek**, 2006, ApJ, 639, L67
83. “Planets in Stellar Clusters Extensive Search. IV. A detection of a possible transiting planet candidate in the open cluster NGC 2158”, B. J. Mochejska, **K. Z. Stanek** et al. 2006, AJ, 131, 1090
82. “The Hypervelocity Star SDSS J090745.0+024507 is a Short-Period Variable”, C. I. Fuentes, **K. Z. Stanek**, B. S. Gaudi et al. 2006, ApJ, 636, L37
81. “Discovery of nine quasars behind the Large Magellanic Cloud”, A. Dobrzycki, L. Eyer, **K. Z. Stanek** et al. 2005, A&A, 442, 495
80. “Pushing the Limits of Ground-Based Photometric Precision – Sub-Millimagnitude Time-Series Photometry of the Open Cluster NGC 6791”, J. D. Hartman, **K. Z. Stanek** et al. 2005, AJ, 130, 2241
79. “On the Rotation Period of (90377) Sedna”, B. S. Gaudi, **K. Z. Stanek** et al. 2005, ApJ, 629, L49
78. “Deep Photometry of GRB 041006 Afterglow: Hypernova Bump at Redshift  $z=0.716$ ”, **K. Z. Stanek**, P. M. Garnavich, P. A. Nutzman et al. 2005, ApJ, 626, L5
77. “Planets in Stellar Clusters Extensive Search. III. A search for transiting planets in the metal-rich open cluster NGC 6791”, B. J. Mochejska, **K. Z. Stanek** et al. 2005, AJ, 129, 2856
76. “BVI Photometric Variability Survey of M3”, J. D. Hartman, J. Kaluzny, A. Szentgyorgyi & **K. Z. Stanek** 2005, AJ, 129, 1596
75. “GRB 021211 as a Faint Analogue of GRB 990123: Exploring the Similarities and Differences in their Optical Afterglows”, S. T. Holland et al. (incl. **K. Z. Stanek**) 2004, AJ, 128, 1955
74. “HATnet Variability Survey in the High Stellar Density ‘Kepler Field’ with Millimagnitude Image Subtraction Photometry”, J. D. Hartman, G. Bakos, **K. Z. Stanek** & R. W. Noyes 2004, AJ, 128, 1761
73. “WR 20a is an Eclipsing Binary: Accurate Determination of Parameters for an Extremely Massive Wolf-Rayet System”, A. Z. Bonanos, **K. Z. Stanek** et al. 2004, ApJ, 611, L33

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