

GREGORY A. FEIDEN

Curriculum Vitae

UNG – Department of Physics
82 College Circle
Dahlonega, GA 30533
USA

Phone: +1 706 864 1510
Fax: +1 706 867 2797
Email: gregory.feiden@ung.edu
Homepage: <http://gfeiden.github.io/>

Personal Information:

Citizenship: United States of America – Languages: English (native), Swedish (basic)

Education:

2008 – 2013	Ph.D. (Physics & Astronomy)	Dartmouth College
2004 – 2008	B.S. (Physics)	State University of New York at Oswego

Appointments:

2016 –	Assistant Professor of Astronomy	University of North Georgia
2015 – 2016	Research Scientist	Uppsala University
2013 – 2015	Postdoctoral Scholar	Uppsala University
2012 – 2013	Gordon F. Hull Graduate Fellow	Dartmouth College
2011 – 2012	Neukom Graduate Fellow	Dartmouth College
2008 – 2013	Graduate Research Assistant	Dartmouth College
2007	NSF REU Research Assistant	University of Rochester
2006 – 2007	Research Assistant	State University of New York at Oswego

Awarded Grants & Fellowships:

2018	UNG Faculty Undergraduate Summer Engagement (FUSE)	7 000 USD
2018 – 2020	NASA Astrophysics Theory Program Grant (Co-I)	415 797 USD
2017 – 2018	Georgia Space Grant Consortium	7 500 USD
2016	Uppsala University conference grant	35 000 USD
2016	Swedish National Space Board (SNSB) conference grant	7 000 USD
2013 – 2015	Uppsala U. Postdoctoral Fellowship, Physics & Astronomy	100 000 USD
2012 – 2013	Gordon F. Hull Graduate Fellowship	26 000 USD
2011 – 2012	Neukom Institute for Computational Science Fellowship	26 000 USD

Honors & Awards:

2013	Physics & Astronomy Excellence in Research Award	Dartmouth College
2012	Selamawit Tsehaye Excellence in Teaching Award	Dartmouth College
2010	Outstanding Graduate TA (selected by students)	Dartmouth College
2008	SUNY Chancellor's Award for Student Excellence	SUNY

Publication Summary: (see page 8)

24 refereed publications | 8 lead-author | 900+ citations | h -index = 16 | $i10$ = 21

Summary of Talks Given: (see page 7)

22 total talks | 3 invited reviews | 7 contributed talks | 12 invited seminars

Student Supervision:

2018 –	Amanda Ash	FUSE Research Student	University of North Georgia
	<i>Assessing Impact of Starspots on Young Stellar Ages</i>		
2018 –	Mark Jeremiah	Undergraduate directed study	University of North Georgia
	<i>Constraining Jupiter’s Core Density</i>		
2017 –	Jessica Hamilton	S-STEM Scholar	University of North Georgia
	<i>Effects of Starspots on the Photometric Properties of Low-Mass Stars</i>		
2017 –	Khian Skidmore	S-STEM & McNair Scholar	University of North Georgia
	<i>Mutli-band Photometric Light Curves of Eclipsing Binary Stars from NGAO</i>		
2017 – 2018	Maxwell Roberts	Undergraduate directed study	University of North Georgia
	<i>Magnetic Stellar Evolution Model Grid</i>		
2017	Ariel Owens	High School Honors Mentorship Program	UNG & Hall County S.D.
	<i>Mutli-band Photometric Light Curves of Eclipsing Binary Stars from NGAO</i>		
2017	Taylor Baker	Undergraduate directed study	University of North Georgia
	<i>Mutli-band Photometric Light Curves of Eclipsing Binary Stars from NGAO</i>		
2017	David Brendel	Summer research assistant	University of North Georgia
	<i>Toward First Light for the eShel Spectrograph at the NGAO</i>		
2017	Danielle Smith	Undergraduate directed study	University of North Georgia
	<i>Magnetic Stellar Model Web Server and Data Archive</i>		
2017	Amber Reynolds	Undergraduate directed study	University of North Georgia
	<i>Developing an Open-Source Stellar Parameter Inference Tool</i>		
2017	Charlie Wood	Computer Science Senior Capstone	University of North Georgia
	<i>From FORTRAN to Fortran: Modernizing the MARCS Stellar Atmosphere Code</i>		
2016	Joshua King	Undergraduate directed study	University of North Georgia
	<i>Temperature-Gain Calibration of the NERT</i>		
2016	Jonas Engman	Undergraduate Senior Capstone	Uppsala University
	<i>A High-Resolution Spectroscopic Study of UV Piscium</i>		
2015	Steven Christophe	Master student internship	Université Paris-Sud
	<i>Effects of Starspots on the Photometric Properties of Young Stars</i>		
2013 – 2015	Jaquille Jones	Undergraduate research project	Dartmouth College
	<i>Updating the Dartmouth Stellar Evolution Model Grid</i>		

Professional Service

Peer Review:

NASA ROSES ADAP, NASA EPSCoR, *Science Advances*, AAS Journals, The Astrophysical Journal, Astronomy & Astrophysics, Monthly Notices of the Royal Astronomical Society, Astrophysics & Space Science, Journal of Astrophysics & Astronomy, French CFHT Small & Large Program TAC

2016 –	Director, North Georgia Astronomical Observatory	UNG
2017 –	Faculty Mentor for the McNair Scholars Program	UNG
2017 –	Faculty Mentor for UNG S-STEM Program	UNG
2017 – 2018	SOC member, Cool Stars 20 Conference	Harvard CfA
2014 – 2017	SOC/LOC (chair), Cool Stars 19 Conference	Uppsala University
2013 – 2016	Organizer: astronomy division's weekly meeting	Uppsala University
2014 – 2015	LOC, Swedish Astronomer Days 2015	Uppsala University
2013 – 2015	AAS Chambliss poster award judge	AAS
2011 – 2013	Organizer: astronomer's weekly journal club	Dartmouth College

Observing Time Allocation:

Telescope	Instrument	Term	Role	PI	Allocation
NOT	FIES	2014a	PI	G. Feiden	20 hours
SALT	HRS	2014a	Co-PI	B. Chaboyer	5 hours
SALT	HRS	2013b	Co-PI	B. Chaboyer	14 hours

Professional Development

2017	Write Now Academy	University of North Georgia
2016	AAPT New Faculty Workshop	American Center for Physics
2016	Microsoft Azure Training Workshop	University of North Georgia
2015	Academic Teacher Training & Pedagogical Methods Course	Uppsala University
2010	Message Passing Interface (MPI) Workshop	Dartmouth College
2010	High Performance Computing Workshop	Dartmouth College
2008	NSF Proposal Writing Workshop	Dartmouth College
2008	Introduction to Teaching	Dartmouth College

Organization Memberships

- American Astronomical Society (AAS)
- Society of Physics Students (SPS)
- Sigma Pi Sigma ($\Sigma\Pi\Sigma$; physics honor society)
- The National Society of Collegiate Scholars (Honorary)

Teaching Experience:

- 2016 – Assistant Professor University of North Georgia
Duties include teaching 12 credit hours of introductory astronomy split between intro. astronomy lectures, intro. astronomy lab sections, and upper level astrophysics courses.
- 2014 – 2016 Instructor Uppsala University
Duties include teaching introductory physics (Fall 2014, Winter 2016) and an advanced undergraduate astronomy course, Astrophysics II (Spring 2014, Winter 2015, 2016). The latter course I re-designed and developed during Fall 2014.
- 2008 – 2013 Teaching assistant & guest lecturer Dartmouth College
Taught introductory physics, introductory astronomy, and graduate-level stellar astrophysics. Guest lecturer for several classes with between 40 and 200 students.

Outreach Activities:

- I am a volunteer youth ice hockey coach. Most recently, I organized and ran weekly goaltending clinics during fall and winter months for the Upper Valley Hockey Association in Hartford, VT (2010 – 2013) and the Hanover, NH men's high school hockey team (2011 – 2013).
- Co-developer and presenter of Dartmouth's *Stellar Forensics* exhibition in 2010, an outreach program designed to teach children and adults about stellar spectroscopy through hands-on activities. A modified program continues at Dartmouth under the name *Stellar Detectives*. Presented on multiple occasions at three local (NH/VT) science museums between 2010 and 2012, at the NH Space Grant Consortium Exposition in 2011, and twice (2010, 2014) at the USA Science and Engineering Festival Exposition in Washington D.C.
- Designed and led public observing evenings at Dartmouth College's Shattuck Observatory, for the Quechee (VT) State Park, and for the Quechee township during the transit of Venus (2011 – 2013).
- Public Lectures:
 - *Preparing for and Viewing the 2017 Solar Eclipse*, UNG Solar Eclipse Program, Aug 2017
 - *The Great American Solar Eclipse*, Get off the Grid Festival, Aug 2017
 - *The Great American Solar Eclipse*, Gainesville Rotary Club, Aug 2017
 - *Living with a Red Dwarf*, Dahlenega Science Café, Jul 2017
 - *The Origin of the Universe*, McAuliffe-Shepard Discovery Center, Oct 2011

Grant Proposals:

Year	Role	Grant	Status	Request
2018	Co-PI	Georgia Space Grant Consortium	Funded	\$7 500
2018	PI	UNG Faculty Undergraduate Summer Engagement	Funded	\$7 000
2017	PI	NASA ROSES Astrophysics Theory Program	Unfunded	\$85 780
2017	Co-I	NASA ROSES Astrophysics Theory Program	Funded	\$415 797
2017	Co-PI	Georgia Space Grant Consortium	Funded	\$7 500
2017	Co-I	AAS Solar Eclipse Program	Unfunded	\$2 250
2016	PI	NASA ROSES Astrophysics Theory Program	Unfunded	\$125 000
		<i>– moved to University of North Georgia –</i>		
2016	PI	Uppsala University Conference Grant	Funded	\$35 000
2015	PI	Swedish National Space Board Conference Grant	Funded	\$7 000
2015	PI	Swedish National Space Board Research Grant	Unfunded	\$425 000
2014	PI	Uppsala University Rector's Travel Grant	Funded	\$2 500
2013	PI	Uppsala University Postdoc Fellowship	Funded	\$100 000
		<i>– moved to Uppsala University –</i>		
2011	PI	Neukom Institute Science Fellowship	Funded	\$26 000

*Professional Presentations***Summary**

8 student presentations | 25 total talks | 4 invited reviews | 7 contributed talks | 13 invited seminars

Student Presentations:

underlined names = UNG undergrads

8. Ash, Hamilton, & Feiden, “A Flexible Model for Investigating Properties of Starspots: Comparison of Models to Observed Data,” Poster at Cool Stars 20, Boston, MA, 29 Jul 2018.
7. Hamilton, Ash, & Feiden, “A Flexible Model for Investigating Properties of Starspots: Model Characterization,” Poster at Cool Stars 20, Boston, MA, 29 Jul 2018.
6. Roberts & Feiden, “Magnetic Stellar Evolution Models,” Talk at UNG Annual Research Conference, Gainesville, GA, 23 Mar 2018.
5. Hamilton, Christophe, & Feiden, “Irregularities in Young Stellar Models: Are Starspots to Blame?” Poster at UNG Annual Research Conference, Gainesville, GA, 23 Mar 2018.
4. Owens, Skidmore, Baker, & Feiden, “Masses and Radii of stars in 41 Ari,” Poster at UNG Annual Research Conference, Gainesville, GA, 23 Mar 2018.
3. Jeremiah, Vogel, & Feiden, “The Core of Jupiter,” Poster at UNG Annual Research Conference, Gainesville, GA, 23 Mar 2018.
2. Hamilton, Christophe, & Feiden, “Star spots and their impact on observable stellar properties,” Poster at Georgia Regional Astronomy Meeting, Athens, GA, 28 Oct 2017.
1. Roberts & Feiden, “Decoding the Evolution of Young Stars: A Look at Magnetic Fields,” Poster at Georgia Regional Astronomy Meeting, Athens, GA, 28 Oct 2017.

Conference Talks & Seminars:

25. (*Upcoming*) **Invited Review**: “A revolution in stellar physics with Gaia and large surveys,” Warsaw, Poland, Sep 2018.
24. Astronomy Seminar: Dartmouth College, Hanover, NH, 26 Jul 2018.
23. Astronomy Seminar: Georgia State University, Atlanta, GA, 30 Jan 2018.
22. Contributed Talk: Georgia Regional Astronomy Meeting, Athens, GA, 28 Oct 2017.
21. Physics Seminar: University of North Georgia, Dahlonega, GA, 31 Jan 2017.
20. Contributed Talk: Georgia Regional Astronomy Meeting, Atlanta, GA, 29 Oct 2016.
19. Astrophysics Group Seminar, NORDITA, Stockholm, Sweden, 09 Dec 2015.

18. Complex Systems Lunch Seminar: Center for Interdisciplinary Mathematics, Uppsala University, Uppsala, Sweden, 24 Nov 2015.
17. Contributed Talk: Astronomdagarna 2015 (Biennial Meeting of Swedish Astronomers), Uppsala, Sweden, 23 Oct 2015.
16. Astronomy Lunch Talk: Boston University, Boston, MA, 29 Sep 2015.
15. Astronomy Seminar: Harvard–SAO Center for Astrophysics, Cambridge, MA, 28 Sep 2015.
14. Physics & Astronomy Colloquium: Dartmouth College, Hanover, NH, 25 Sep 2015.
13. Astronomy Colloquium: University of Texas at Austin, Austin, TX, 22 Sep 2015.
12. **Invited Review:** International Astronomical Union Symposium #314, Atlanta, Georgia, 12 May 2015.
11. Astronomy Seminar: Stockholm University, Stockholm, Sweden, 30 Jan 2015.
10. Contributed Talk: American Astronomical Society Meeting 225, Seattle, WA, 05 Jan 2015.
9. Astronomy Seminar, Aarhus University, Aarhus, Denmark, 09 Dec 2014.
8. **Invited Review:** “Living Together: Planets, Host Stars, and Binaries,” Litomyšl, Czech Republic, 08 Sep 2014.
7. **Invited Review:** Cool Stars 18 Splinter Session: Touchstone Stars, Flagstaff, AZ, 09 Jun 2014.
6. Contributed Talk: Binary 2013 Conference, Leuven, Belgium, 17 Sep 2013.
5. Contributed Talk: International Astronomical Union Symposium #302, Biarritz, France, 26 Aug 2013.
4. Science Today Colloquium, SUNY Oswego, Oswego, NY, 06 Feb 2013.
3. Contributed Talk: Dissertation Presentation - American Astronomical Society Meeting 221, Long Beach, CA, 08 Jan 2013.
2. Astrophysics Group Seminar, NORDITA, Stockholm, Sweden, 19 Dec 2012.
1. Astronomy Seminar, Uppsala University, Uppsala, Sweden, 13 Sep 2012.

*Publications***Summary**

24 peer-reviewed publications | 8 lead-author | 1 000+ citations | h -index = 16 | $i10$ = 22

Invited Reviews

3. *The Physics of M-Dwarf Stars [working title]*
Feiden, G. A., Mann, A. W., & Newton, E. R., Annual Reviews of Astronomy and Astrophysics, Commissioned: Jun 2018, To Appear: 2020.
2. *Pre-Main-Sequence Stellar Structure and Evolution*
Feiden, G. A. Pubs. of the Astronomical Society of the Pacific, Commissioned: Feb 2016, in prep.
1. *Empirical Tests of Pre-Main-Sequence Stellar Evolution Models with Young Eclipsing Binary Stars*
 Stassun, K. G., **Feiden, G. A.**, & Torres, G. 2014, New Astronomy Reviews, 60, 1.
 28 pp. — 45 citations — [ADS](#)

Submitted/in-prep

underline indicates student; drafts available by request

7. *Starspots and Their Influence on Stellar Structure: Constraints from the Young Stellar Populations*
Ash, A., Hamilton, J., & **Feiden, G. A.** in preparation.
6. *A Phenomenological Model for the Influence of Starspots on Stellar Structure and Observable Properties*
Hamilton, J., Christophe, S., & **Feiden, G. A.** in preparation.
5. *Validating Starspot Parameter Retrieval with a Simple Phenomenological Model*
Feiden, G. A., Ash, A., & Hamilton, J., in preparation.
4. *Stellar Evolution Models with Evolving Magnetic Field Strengths*
Feiden, G. A., Roberts, M., & Edvardsson, B. in preparation.
3. *Simulating Transiting Planets and Eclipsing Binary Systems in an Introductory Astronomy Laboratory*
 Prior, R. & **Feiden, G. A.**, in preparation.
2. *How to Constrain Your M Dwarf II: The Mass-Luminosity-Metallicity Relation from $0.70 M_{\odot}$ to $0.075 M_{\odot}$*
 Mann, A. W., Dupuy, T., Kraus, A., et al. (inc. **Feiden, G. A.**), Astrophysical Journal, submitted: Jun 2018
1. *The blue straggler V106 in NGC6791: A prototype progenitor of old single giants masquerading as young*
 Brogaard, K., Christiansen, S. M., Grundahl, F., et al. (inc. **Feiden, G. A.**), Monthly Notices of the Royal Astronomical Society, submitted: 07 Mar 2018

Peer-reviewed articles**Lead author**

8. *Magnetic Inhibition of Convection and the Fundamental Properties of Low-Mass Stars. III. A Consistent 10 Myr Age for the Upper Scorpius OB Association*
Feiden, G. A. 2016, *Astronomy & Astrophysics*, 593, A99.
11 pp. — 52 citations — [ADS](#)
7. *Revised age for CM Draconis and WD 1633+572: Toward a resolution of model–observation radius discrepancies*
Feiden, G. A. & Chaboyer, B. 2014, *Astronomy & Astrophysics*, 571, A70.
7 pp. — 14 citations — [ADS](#)
6. *Magnetic Inhibition of Convection and the Fundamental Properties of Low-Mass Stars. II. Fully Convective Main Sequence Stars*
Feiden, G. A. & Chaboyer, B. 2014, *Astrophysical Journal*, 787, 53.
17 pp. — 51 citations — [ADS](#)
5. *Magnetic Inhibition of Convection and the Fundamental Properties of Low-Mass Stars. I. Stars with a Radiative Core*
Feiden, G. A. & Chaboyer, B. 2013, *Astrophysical Journal*, 779, 183.
25 pp. — 72 citations — [ADS](#)
4. *The Interior Structure Constants as an Age Diagnostic for Low-Mass, Pre-Main-Sequence Detached Eclipsing Binary Stars*
Feiden, G. A. & Dotter, A. 2013, *Astrophysical Journal*, 765, 86.
7 pp. — 5 citations — [ADS](#)
3. *Self-Consistent Magnetic Stellar Evolution Models of the Detached, Solar-Type Eclipsing Binary EF Aquarii*
Feiden, G. A. & Chaboyer, B. 2012, *Astrophysical Journal*, 761, 30.
15 pp. — 52 citations — [ADS](#)
2. *Reevaluating the Mass-Radius Relation for Low-Mass, Main Sequence Stars*
Feiden, G. A. & Chaboyer, B. 2012, *Astrophysical Journal*, 757, 42.
16 pp. — 65 citations — [ADS](#)
1. *Accurate Low-Mass Stellar Models of KOI-126*
Feiden, G. A., Chaboyer, B., & Dotter, A. 2011, *Astrophysical Journal Letters*, 739, L25.
5 pp. — 44 citations — [ADS](#)

Co-author

15. *The Factory and the Beehive IV: A Low-Mass Eclipsing Binary in Praesepe Observed by PTF and K2*
Kraus, A. L., et al. (inc. **Feiden, G. A.**), *Astrophysical Journal*, 845, 72. 24 pp. — 6 citation — [ADS](#)

14. *Age of the magnetically active WW Psa and TX Psa members of the β Pictoris association*
Messina, S., et al. (inc. **Feiden, G. A.**) 2017, *Astronomy & Astrophysics*, 601, A54.
12 pp. — 1 citation — [ADS](#)
13. *Testing Metal Poor Stellar Models and Isochrones with HST Parallaxes of Metal Poor Stars*
Chaboyer, B., McArthur, B. E., O'Malley, E., et al. (inc. **Feiden, G. A.**) 2017, *The Astrophysical Journal*, 835, 152.
24 pp. — 12 citations — [ADS](#)
12. *Zodiacal Exoplanets in Time (ZEIT) II: A “Super-Earth” Orbiting a Young K Dwarf in the Pleiades Neighborhood*
Gaidos, E., Mann, A. W., Rizzuto, A. C., et al. (inc. **Feiden, G. A.**) 2017, *Monthly Notices of the Royal Astronomical Society*, 464, 850.
12 pp. — 11 citations — [ADS](#)
11. *The rotation–Lithium depletion correlation in the β -Pictoris association and the LDB age determination*
Messina, S., Lanzafame, A. C., **Feiden, G. A.**, et al. 2016, *Astronomy & Astrophysics*, 596, A29.
8 pp. — 17 citations — [ADS](#)
10. *Zodiacal Exoplanets in Time (ZEIT) III: A Neptune-sized planet orbiting a pre-main-sequence star in the Upper Scorpius OB Association*
Mann, A. W., Newton, E. R., Rizzuto, A. C., et al. (inc. **Feiden, G. A.**) 2016, *Astronomical Journal*, 152, 61.
17 pp. — 37 citations — [ADS](#)
9. *How to Constrain Your M Dwarf: Measuring Effective Temperature, Bolometric Luminosity, Mass, and Radius*
Mann, A. W., **Feiden, G. A.**, Gaidos, E., et al. 2015, *Astrophysical Journal*, 804, 64.
38 pp. — 151 citations — [ADS](#)
8. *Kepler-445, Kepler-446, and the Occurrence of Compact Multiples Orbiting Mid-M Dwarf Stars*
Muirhead, P. S., Mann, A. W., Morton, T. D., et al. (inc. **Feiden, G. A.**) 2015, *Astrophysical Journal*, 801, 18.
15 pp. — 26 citations — [ADS](#)
7. *Stellar Diameters and Temperature VI. High angular resolution measurements of the transiting exoplanet host stars HD 189733 and HD 209458 and implications for models of cool dwarfs*
Boyajian, T. S., von Braun, K., **Feiden, G. A.**, et al. 2015, *Monthly Notices of the Royal Astronomical Society*, 447, 846.
12 pp. — 43 citations — [ADS](#)
6. *The G+M Eclipsing Binary V530 Orionis: A Stringent Test of Magnetic Stellar Evolution Models for Low-Mass Stars*

- Torres, G., Lacy, C. H. S., Pavlovski, K., **Feiden, G. A.**, et al. 2014, *Astrophysical Journal*, 797, 31.
16 pp. — 11 citations — [ADS](#)
5. *BANYAN. IV. Fundamental Parameters of Low-Mass Star Candidates in Nearby Young Stellar Kinematic Groups—Isochronal Age Determination Using Magnetic Evolutionary Models*
Malo, L., Doyon, R., **Feiden, G. A.**, et al. 2014, *Astrophysical Journal*, 792, 37.
17 pp. — 67 citations — [ADS](#)
4. *Characterizing the Cool KOIs. VI. H- and K-Band Spectra of Kepler M Dwarf Planet-Candidate Hosts*
Muirhead, P. S., Becker, J., **Feiden, G. A.**, et al. 2014, *Astrophysical Journal Supplement*, 213, 5.
12 pp. — 43 citations — [ADS](#)
3. *The Metallicity of the CM Draconis System*
Terrien, R. C., Fleming, S. W., Mahadevan, S., et al. (inc. **Feiden, G. A.**) 2012, *Astrophysical Journal Letters*, 760, L9.
6 pp. — 24 citations — [ADS](#)
2. *Age and helium content of the open cluster NGC 6791 from multiple eclipsing binary members II. age dependencies and new insights*
Brogaard, K., VandenBerg, D. A., Bruntt, H., et al. (inc. **Feiden, G. A.**) 2012, *Astronomy & Astrophysics*, 543, A106.
17 pp. — 101 citations — [ADS](#)
1. *Period-colour and amplitude-colour relations in classical Cepheid variables – V. The Small Magellanic Cloud Cepheid models*
Kanbur, S., Ngeow, C., & **Feiden, G. A.** 2007, *Monthly Notices of the Royal Astronomical Society*, 380, 819.
9 pp. — 8 citations — [ADS](#)

Other academic articles

‡ indicates invited review.

11. ‡ *Stellar Evolution Models of Young Stars: Progress and Limitations*
Feiden, G. A. (2015) in “Young Stars and Planets Near the Sun,” IAU Symposium, 314.
6 pp. — 3 citations — [ADS](#)
10. *Pilot Study: Assessing Student Perception of the Collaborative Annotation Platform Open Rev in a Classroom Environment*
Feiden, G. A. (2015).
9 pp. — [Authorea](#)
9. ‡ *Eclipsing Binaries as Tests of Low-Mass Stellar Evolution Theory*
Feiden, G. A. (2015) in “Living Together: Planets, Host Stars, and Binaries,” PASP Conference Series,

- 496, 137 – 151.
15 pp. – 3 citations – [ADS](#)
8. *The Benchmark Eclipsing Binary V530 Ori: A Critical Test of Magnetic Evolution Models for Low-Mass Stars*
Torres, G., Lacy, C. H. S., Pavlovski, K., **Feiden, G. A.**, et al. (2015) in “Living Together: Planets, Host Stars, and Binaries,” PASP Conference Series, 496, 169 – 173.
5 pp. – 1 citation – [ADS](#)
 7. *Spectroscopic Study of the Low-Mass Benchmark Eclipsing Binary UV Piscium*
Feiden, G. A., Stempels, H. C., Hebb, L., et al. (2015) in “Living Together: Planets, Host Stars, and Binaries,” PASP Conference Series, 496, 174.
1 pp. – [ADS](#)
 6. *II Touchstone Stars: Highlights from the Cool Stars 18 Splinter Session*
Mann, A. W., Kraus, A., Boyajian, T. S., et al. (inc. **Feiden, G. A.**) (2015) in proceedings of “The 18th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun,” 80 – 104.
25 pp. – 1 citation – [ADS](#)
 5. *Updating the Dartmouth Stellar Evolution Model Grid: Pre-Main-Sequence Models & Magnetic Fields*
Feiden, G. A., Jones, J.,[†] & Chaboyer, B. (2015) in proceedings of “The 18th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun,” 171 – 176.
3 pp. – 5 citations – [ADS](#)
 4. *Prospects for the BANYAN search of low-mass moving group members with Gaia, and the importance of magnetic fields for isochrone age determination*
Malo, L., Gagne, J., Doyon, R., et al. (inc. **Feiden, G. A.**) (2014) in “Gaia and the Unseen. The Brown Dwarf Question,” MmSAI, 85, 715.
4 pp. – 2 citations – [ADS](#)
 3. *Do Magnetic Fields Actually Inflate Low-Mass Stars?*
Feiden, G. A. & Chaboyer, B. (2014), in “Magnetic Fields Throughout Stellar Evolution,” IAU Symposium, 302, 150.
4 pp. – 1 citation – [ADS](#)
 2. *Magnetic Field Induced Radius Inflation of Low-Mass Stars*
Feiden, G. A. & Chaboyer, B. (2013) in “Setting a new standard in the analysis of binary stars,” EAS Publication Series, 64, 127.
4 pp. – [ADS](#)
 1. *Parallaxes of metal-poor main-sequence stars*
Chaboyer, B., **Feiden, G. A.**, Benedict, G. F., et al. (2013), in “Advancing the Physics of Cosmic Distances,” IAU Symposium, 289, 87.
4 pp. – [ADS](#)

Other academic works

1. *Dartmouth Magnetic Evolutionary Stellar Tracks and Relations*
Feiden, G. A. (2013) PhD Thesis, ProQuest, 343 pp., ISBN 9781303770432.

compiled on: August 8, 2018