

**CURRICULUM VITAE
RICHARD G. BELSHOFF**

Department of Mathematics
Missouri State University
Springfield, MO 65897

Education:

Ph.D., Mathematics, University of Kentucky, 1989
thesis advisor: Dr. Edgar Enochs
M.A., Mathematics, University of Louisville, 1980
B.A. cum laude, Vanderbilt University, 1977
double major in Mathematics and Philosophy

Professional Experience:

2000–present	Professor Missouri State University Springfield, MO
1995–2000	Associate Professor Missouri State University Springfield, MO
1990–1995	Assistant Professor Missouri State University Springfield, MO
1983–1989	Graduate Teaching Assistant University of Kentucky Lexington, KY
1982–1983	Computer Programmer/Analyst Computer Sciences Corporation Kennedy Space Center, FL
1978–1982	Computer Programmer/Analyst Health Data Network Louisville, KY

Professional Memberships:

American Mathematical Society (AMS),
Mathematical Association of America (MAA).

Professional Service:

I have refereed papers for *Comm. Algebra.*, *J. Algebra*, *J. Pure and Applied Algebra*, and *Proc. Amer. Math. Soc.*

Master's theses supervised:

- *The Baer criterion for injective modules over Noetherian rings* by Kelly Squires, Southwest Missouri State University, 1992
- *Intersections of Curves and Bezout's Theorem* by Bryan Chapman, Southwest Missouri State University, 2001
- *Planar Zero Divisor Graphs* by Jeremy Chapman, Missouri State University, 2006
- *Max Noether's Fundamental Theorem* by Jacob Boswell, Missouri State University, 2008
- *Groups with a Certain Number of Cyclic Subgroups* by Joe Dillstrom, Missouri State University, 2016
- *When There is a Unique Group of a Given Order* by Haya Binjedaen, Missouri State University (co-supervisor with Les Reid), 2016

Research Publications:

1. (with Mark Rogers and Dan Kline) *Sets of Lengths of Powers of a Variable*, to appear in the *Rocky Mountain Journal of Mathematics* (accepted for publication)
2. *Remarks on reflexive modules, covers, and envelopes*, *Beiträge zur Algebra und Geometrie (Contributions to Algebra and Geometry)*, **50** no. 2, pp. 353–362 (2009)

3. (with Chapman, Jeremy), *Planar Zero Divisor Graphs*, J. Algebra **316** (2007), no. 1, 471–480.
4. (with Enochs, Edgar E.) *The Gorenstein injective envelope of the residue field of a local ring*, Comm. Algebra **32** (2004), no. 2, 599–607.
5. (with Jinzhong Xu) *Nonzero injective covers of modules*, Missouri J. Math. Sci. **13** (2001), no. 3, 163–171.
6. (with Enochs, Edgar E. and Garca Rozas, Juan Ramon) *Generalized Matlis duality*, Proc. Amer. Math. Soc. **128** (2000), 1307–1312.
7. (with Cameron Wickham) *A Note on Local Duality*, Bull. London Math. Soc. **29** (1997) no. 1, 25–31.
8. (with Susan Palmer Slattery and Cameron Wickham) *Finiteness properties for Matlis reflexive modules*, Comm. Algebra **24** (1996), no. 4, 1371–1376.
9. (with Susan Palmer Slattery and Cameron Wickham) *The local cohomology modules of Matlis reflexive modules are almost cofinite*, Proc. Amer. Math. Soc. **124** (1996), no. 9, 2649–2654.
10. *Some change of ring theorems for Matlis reflexive modules*, Comm. Algebra **22** (1994), 3545–3552.
11. *The natural topology of Matlis reflexive modules*, Bull. Austral. Math. Soc. **47** (1993), 149–154.
12. (with Edgar Enochs and Jinzhong Xu) *The existence of flat covers*, Proc. Amer. Math. Soc. **122** (1994), 985–991.
13. (with Jinzhong Xu) *Injective envelopes and flat covers of Matlis reflexive modules*, J. Pure Appl. Algebra **79** (1992), 205–215.
14. *Matlis Reflexive Modules*, Comm. Algebra **19** (1991), 1099–1118.

Book Translation

1. *Introduction to plane algebraic curves* by Ernst Kunz. Translated from the 1991 German edition by Richard G. Belshoff. Birkhuser Boston, Inc., Boston, MA, 2005. xiv+293 pp. ISBN: 978-0-8176-4381-2; 0-8176-4381-8 14-01

Book Publication

1. *Algebraic geometry. A problem solving approach*. Student Mathematical Library, 66. IAS/Park City Mathematical Subseries. American Mathematical Society, Providence, RI; Institute for Advanced Study (IAS), Princeton, NJ, 2013. xxii+335 pp. ISBN: 978-0-8218-9396-8. Co-authors: Thomas Garrity, et al.