

# Curriculum Vitae

## Contact Information

Jeffry Ricker, Ph.D.

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## Websites and social media

- Website: [drjeffryricker.com](http://drjeffryricker.com)
- [Knowing Ourselves Blog](#)
- [LinkedIn Profile](#)
- [Google Scholar Profile](#)
- [ResearchGate Profile](#)
- [Academia.edu Profile](#)

## Medical and Scientific Writing Experience

Medical Writer (Freelance)

A Flock of Scientists, LLC

August 2020 to Present

- Author of articles and presentations on topics in medical communication (See "Recent Medical and Scientific Writing Publications, Presentations, and Manuscripts" below)

Scientific/Educational Writer

January 2002 to Present

- Author of articles on a variety of scientific topics (see "Recent Medical and Scientific Writing Publications, Presentations, and Manuscripts" below)
- Author of textbooks, online readings, and presentations in psychological science (see "Educational Publications" below)

## Academic Positions and Experience

Professor of Psychology

Scottsdale Community College  
July 1999 to July 2020

I held many positions and served on committees at the college, district, and state levels (see the Appendix and the following list). I also taught a variety of courses (see the section titled "Courses Taught" below).

- Chair of the Social and Behavioral (SB) Sciences Division  
2005-2008  
The duties and responsibilities are listed in the Appendix.
- Chair of The Behavioral Sciences Department  
2000-2005  
The duties and responsibilities are listed in the Appendix.
- faculty senate president  
2004-2005  
The duties and responsibilities are listed in the Appendix.
- SCC Representative to the Faculty Executive Council of the Maricopa Community College District (MCCCD)  
2003 to 2006
- MCCCD General Studies Representative to the Arizona State University General Studies Council  
2006 to 2013  
The duties and responsibilities are listed in the Appendix.
- Chair of the MCCCD Psychology Instructional Council  
2002 to 2005
- Chair of the Arizona Psychology Articulation Task Force  
2005 to 2006
- SCC Academic Advisor  
1998 to 2003; 2012 to 2016  
The duties and responsibilities are listed in the Appendix.

#### Instructor of Psychology

Scottsdale Community College

July 1994 to June 1998

I served on the SCC Faculty Senate and taught several psychology courses (see the section titled "Courses Taught" below).

#### Visiting Faculty in Psychology and Sociology

University of Missouri, St. Louis

January 1994 to May 1994

I taught "two sections of Introduction to Social Psychology."

#### Adjunct Instructor of Psychology

Scottsdale Community College

Paradise Valley Community College (Fall 1990)

August 1989 to August 1993

I taught several psychology courses (see "Courses Taught" below).

## Visiting Faculty in Biology and Zoology

Arizona State University, Tempe  
August 1987 to May 1989

I taught “Human Genetics” and “Introduction to Biology For Majors”

## Courses Taught

- Abnormal Psychology
- Developmental Psychology
- Human Genetics
- Introduction to Biology for Majors (Genetics Section)
- Introduction to Psychology
- Psychology of Gender Differences
- Psychology of Human Sexuality
- Psychology of Personality
- Research Methods
- Social Psychology
- Behavior-Genetic Analysis (Teaching Assistant)
- Comparative Psychology (Teaching Assistant)

## Recent Medical and Scientific Writing Publications, Presentations, and Manuscripts

- Ricker, J. (2023). Insulin Pumps Are Inaccessible for Many Visually Impaired People. Unpublished manuscript. Available at: <https://drjeffryricker.com/portfolio/>
- Ricker, J. (2023). A “Boy” named Tina: The past and Present of Congenital Adrenal Hyperplasia. Unpublished manuscript. Available at: <https://drjeffryricker.com/portfolio/>
- Ricker, J. (2022). *Puppy Love: The Evolution of Dog Hypersociability*. Unpublished manuscript. Available at: <https://drjeffryricker.com/portfolio/>
- Ricker, J. (2022). Enabling people with disabilities: Creating accessible electronic documents. *Medical Writing*, 31(4), 32-36. <https://doi.org/10.56012/ctbt2242>  
Available at: <https://drjeffryricker.com/portfolio/>
- Ricker, J. (2022, April 30). Accessibility is More Than Readability: Creating Accessible Electronic Documents for People With Disabilities. Amwa Southwest Chapter Conference. Powerpoint slides available at: <https://drjeffryricker.com/portfolio/>
- Ricker, J. and Colston, D. (2021, Dec). *My staircase became a forest—What is happening to me? Charles Bonnet syndrome and hallucinations in the blind. Dots and Dashes: The Newsletter of the Arizona Council of the Blind*. Available at: <https://drjeffryricker.com/portfolio/>

## Educational Publications

- Ricker, J. P. (2009-2018). *What is Psychological Science?* Online textbook for PSY 101. Note: This site is no longer active.
- Ricker, J. (2007). *Teaching and Assessing Skeptical and Critical Thinking in Abnormal Psychology*. In M. Gorton (Ed.), *Annual Report of the Student Learning Outcomes Assessment Committee: 2006-2007 Academic Year*. Scottsdale, AZ: SCC Institutional Research.
- Ricker, J. P. (2006). *An introduction to psychology: The science of mind and behavior*. Online textbook for PSY 101. Note: This site is no longer active.
- Ricker, J. P. (2006). Assessment of critical thinking at Scottsdale Community College. In M. Gorton (Ed.), *Annual Report of the Student Learning Outcomes Assessment Committee: 2005-2006 Academic Year*. Scottsdale, AZ: SCC Institutional Research.
- Ricker, J. P. (2005). Use of the Scottsdale Test of Critical Thinking in Assessing Critical Thinking in ENG 101 and ENG 102. In J. Neibling (Ed.), *Annual Report of the Student Learning Outcomes Assessment Committee: 2004-2005 Academic Year*. Scottsdale, AZ: SCC Institutional Research.
- Ricker, J. P. (2004). Assessment of critical thinking at Scottsdale Community College: A pilot study. In J. Neibling (Ed.), *Annual Report of the Student Learning Outcomes Assessment Committee: 2003-2004 Academic Year*. Scottsdale, AZ: SCC Institutional Research.
- Ricker, J. P. (2004). Critical thinking lessons for Weiten's, *Psychology: Themes & Variations* (6th ed.). Belmont, CA: Wadsworth.
- Ricker, J. P. (2003). Critical thinking lessons for Weiten's & Lloyd's, *Psychology Applied to Modern Life: Adjustment in the 21st Century*. Belmont, CA: Wadsworth.
- Ricker, J. P. (2002). *An introduction to the science of psychology*. Boston, MA: Pearson Custom Publishing.

## Academic Publications and Presentations

- Markow, T. A., & Ricker, J. P. (1992). Male size, developmental stability, and mating success in natural populations of three *Drosophila* species. *Heredity*, *69*, 122-127.
- Markow, T. A., & Ricker, J. P. (1991). Developmental stability in hybrids between the sibling species pair, *Drosophila melanogaster* and *Drosophila simulans*. *Genetica*, *84*, 115-121.
- Ricker, J., Boring, R., Harris, A., & Markow, T. (1989). Fluctuating dermatoglyphic asymmetry and its association with positive and negative symptoms of schizophrenia. *Schizophrenia Research*, *11*.
- Ricker, J. P., & Hirsch, J. (1988). Genetic changes occurring over 500 generations in lines of *Drosophila melanogaster* selected divergently for geotaxis. *Behavior Genetics*, *18*, 13-25.
- Ricker, J. P. and Hirsch, J. (1988). Reversal of genetic homeostasis in laboratory populations of *Drosophila melanogaster* under long-term selection for geotaxis and estimates of gene correlates: Evolution of behavior-genetic systems. *Journal of Comparative Psychology*, *102*(3), 203-214.
- Ricker, J. P., and Hirsch, J. (1988). Divergent selection for geotaxis spanning 550 generations and genetic analysis in *Drosophila melanogaster* [Abstract]. *Behavior Genetics*, *14*(6), 612.
- Ricker, J. P., Skoog, L. A., & Hirsch, J. (1987). Domestication and the behaviour-genetic analysis of captive populations. *Applied Animal Behaviour Science*, *18*(1), 91-103.

- Hirsch, J., Holliday, M., and Ricker, J. (1987). Instinct, conditioning, individual differences, and the behavior-genetic component analysis of *DIPTERA* [Abstract]. *Bulletin of the Psychonomic Society*, 25(5), 331.
- Ricker, J. P., Brzodar, J. N., & Hirsch, J. (1986). A demonstration of discriminative conditioning in the blow fly, *Phormia regina*. *Bulletin of the Psychonomic Society*, 24, 240-243.
- Ricker, J. P., Hirsch, J., Holliday, M. J., & Vargo, M. A. (1986). An examination of claims for classical conditioning for use in the genetic analysis of *Diptera*. In J. L. Fuller & E. C. Simmel (Eds.), *Perspectives in Behavior Genetics*. Hillsdale, NJ: Erlbaum.
- Ricker, J. P., & Hirsch, J. (1985). Evolution of an instinct under long-term divergent selection for geotaxis in domesticated populations of *Drosophila melanogaster*. *Journal of Comparative Psychology*, 99, 380-390.
- Hirsch, J., Holliday, M., and Ricker, J. (1984). Conditioning flies and experimental control of both heredity and environment [Abstract]. *Bulletin of the Psychonomic Society*, 22(4), 286.

### Assessment Instruments:

- Ricker, J. P. (2001-2016). *Scottsdale Test of Critical Thinking*.  
This scale consists of thirty items, each of which presents a scenario that requires students to think critically in order to solve a problem.  
Available upon request.
- Ricker, J. P. (2004-2007). *Scale of Belief Formation*.  
*This scale measures the degree to which students express a skeptical attitude towards a variety of scientific and nonscientific claims.*
- Ricker, J. P. (Undated). *Knowledge of Psychology*.
- This scale assesses Students' acceptance of widely held misconceptions about topics in Psychology.
- Ricker, J. P. (Undated). *Reading Comprehension in Psychology*.  
This test measures students' ability to comprehend textbook material of varying degrees of difficulty.

### Organization Affiliations

- American Medical Writers Association
- National Association of Science Writers
- American Medical Writers Association—Southwest Chapter
- Association For Psychological Science (Charter Member)
- American Council of the Blind (Central Chapter of Arizona)
- National Federation of the Blind (Phoenix Chapter of Arizona)

### Certificates, Certifications, and Fellowships

- Certificate of Completion: Introduction to Web Accessibility  
Issued by W3Cx, an online learning initiative of the *World Wide Web Consortium*

Certificate ID 08ea8dd0425349b2ae589809ca53a483

Issued 2022-10-17

- Certificate of Completion: Scientific Writing Masterclass  
Certificate ID: IKNWNTWKBJ  
Issued: 2022-07-06
- Certificate of Completion -- WebAIM Accessible Documents Course  
Creating Accessible Documents in Microsoft Office (Word, Excel, Powerpoint) and Adobe Acrobat  
Issued—2021-08-06
- Lifetime Teaching Certificate in Biology and Psychology  
State Board of Directors for Community Colleges of Arizona,; Credential ID Regular A.1.a.; No. 12416  
Issued 1989
- Fellowship program in Institutional and Scientific Racism; August 1980 to July 1986; NIMH Grant #MH 15173

## Volunteer Activities

- Member: Annual Conference Committee, American Medical Writers Association (2023)
- Vice-President of the Central Chapter, Arizona Council of the Blind 2022 – Present

## Education

### Post-doctoral Program in Clinical Psychology

University of Missouri, St. Louis

August 1993 to May 1994

Clinical Director: Jane Stake, Ph.D.

### Ph.D. Program in Cognitive and Experimental Psychology

University of Illinois, Urbana-Champaign

August 1980 to May 1987

Research Specialization: Behavioral Genetics and Behavioral Evolution

Dissertation Advisor: Jerry Hirsch, Ph.D.

### B.S. Program in Psychology

University of Illinois, Urbana- Champaign

August 1977 to January 1980

### A.A. Program in Liberal Arts

William Rainey Harper College

August 1975 to May 1977

## Dissertations and Theses

### Doctoral Dissertation

Ricker, J. P. (1987). *Genetic and evolutionary analysis of Drosophila melanogaster divergently selected for geotaxis*.

### Master's Thesis:

Ricker, J. P. (1984). *Selection and hybrid analysis of Drosophila melanogaster for differences in a measure of geotaxis*.

### Senior Research Thesis:

Ricker, J. P. (1980). *Attempted replication of selection for classical conditioning in the blow fly, Phormia regina*.

## Appendix

### General Studies Representative to the ASU General Studies Council

Maricopa County Community College District  
August 2006 to May 2013

#### Responsibilities and duties:

- Represents MCCCDC as a voting member on Arizona State University's General Studies Councils (Tempe Campus and West Campus)
- The faculty liaison between the Maricopa Community Colleges and Arizona State University for any issues involving Maricopa's general-education program (Tempe Campus)
- Assists Maricopa faculty in developing and submitting proposals for general-education values for their courses

#### Related Committee Assignments (partial list):

- Chair of ASU's Historical Awareness Subcommittee
- Ex officio Member, MCCCDC District Curriculum Committee
- Member, MCCCDC Transfer Articulation Group  
The committee responsible for overseeing articulation between MCCCDC and public and private colleges/universities across states
- MCCCDC Representative, Arizona General Education Articulation Task Force  
the group responsible for overseeing articulation between Arizona public colleges and universities

## Chair of Social/Behavioral Sciences Division

Scottsdale Community College  
August 2005 to June 2008

Responsibilities and duties:

- Long-range planning and coordinating divisional activities involving the development and evaluation of curriculum, academic/occupational programs, instructional delivery modes, and instructional facilities
- Supervises divisional activities involving course scheduling, student-outcomes assessment, hiring, and faculty/staff evaluations
- Operational budgeting, which includes developing the divisional budgetary cycle, as well as supervising the use of departmental, program, and course budgets
- Interpreting and communicating college/district policies and procedures to the faculty and staff

Related Committee Assignments (partial list):

- SCC Division Chairs Committee
- College Curriculum Committee

## Faculty Senate President

Scottsdale Community College  
May 2004 to May 2005

Responsibilities and duties:

- Oversees the development and evaluation of activities designed to achieve the primary functions of the SCC Faculty Senate, which are:
  - To facilitate communication among faculty
  - To serve as the executive representative of SCC faculty to college administrators, district administrators, and the Governing Board
  - To select representatives to serve on college committees and administrative councils
  - To participate in the formation and implementation of college and district policies that affect any of the following: curriculum, instructional methods, the educational experiences of students and the employment conditions of faculty
- Presides at all meetings of the Senate
- Represents SCC faculty at all meetings of the MCCCDC Faculty Executive Council
- Appoints members to serve on all special committees
- Is a member, ex-officio, of college committees
- Is the official spokesman of the Senate

Related Committee Assignments (partial list):

- SCC Representative to MCCCDC Faculty Executive Council



## Chair of Behavioral Sciences Department

Scottsdale Community College

August 2002 to June 2005

Responsibilities and duties:

- Long-range planning and coordinating of departmental activities involving the development and evaluation of curriculum and academic/occupational programs
- Supervises departmental activities involving faculty teaching assignments, course scheduling, student-outcomes assessment, faculty hiring, and faculty/staff evaluations
- Prepares the annual student learning outcomes assessment report
- Develops the departmental, special-program, and supply budgets

Related Committee Assignments (partial list):

- Behavioral Sciences Department Representative — Student Learning Outcomes Assessment Committee
- Chair of the Critical Thinking Subcommittee of the SCC Student Learning Outcomes Committee

## SCC Academic Advisor

1998 - 2003; 2012 - 2016

Responsibilities and duties:

- Assisted students in developing educational and career plans
- Assisted students in monitoring progress towards educational goals