

Holly Walter Kerby

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EDUCATION

College of Wooster	Chemistry	B.A. 1977
University of Wisconsin-Madison	Soil Biochemistry	M.S. 1980
University of Wisconsin-Madison	Education	Teacher Certification- 1984 Science/English (grades 6-12) 1986-1989
Western Michigan University	Creative Writing/ Drama	

POSITIONS

Instructor Madison Area Technical College	1992 to present	Teach chemistry, technical science, and creative writing/drama
Research Specialist Wisconsin Center for Educational Research	1991-1992	NSF-funded Project Distil
Supervisor University of Wisconsin-Madison School of Education	1990	Supervised UW-Madison students teaching science in area secondary schools.
Teacher Sturgis High School	1985-1989	Taught chemistry and physics
Group Supervisor/ Chemist	1981-1983	Chemical analysis, Method Development, Project Leader, Group Supervisor

Professional Associations

- American Chemical Society
- Dramatists Guild
- National Science Teachers' Association (NSTA)
- International Museum Theater Alliance (IMTAL)
- International Women Playwrights
- Playwrights' Ink, Madison, WI (charter member)

Academic and Professional Honors

- Merck Index Award
- Phi Beta Kappa
- Sigma Xi
- Pi Lambda Theta
- Sabbatical, Spring 2000. Wrote a play about Marie Curie for family audiences.
- Excellence in Teaching Award, Madison Area Technical College, 2007.

Synergistic Activities

- Principle Investigator, "Fusion Science Theater," Planning Grant funded by National Science Foundation (NSF), Information Science Education (ISE) division, October 1, 2007 to September 30, 2009.
- Speaker at Delta Roundtable, December 2006. "What Theater Can Teach Us about Teaching Science." Delta is a project of CIRTL, Center for Integration of Research, Teaching, and Learning at the University of Wisconsin-Madison. See <http://www.cirtl.net/news/walterkerby.html>.
- Workshop facilitator, Teacher Improvement Program at University of Wisconsin-Madison Engineering, January and August 2006. "How Playwriting Can Help Us Teach Science and Engineering."
- Delta Steering Committee Program, 2006 to present.
- Developed "Take-Home Quizzes: Learning to Learn in Introductory Chemistry," by Holly Walter Kerby and Karen Anderson, a cooperative learning-based teaching innovation featured on the "Teaching Stories" portion of National Institute for Science Education website (www.wcer.wisc.edu/archive/cl1/CL/story/kerbyhol/TSHWKA.htm).

Creative Writing Awards and Honors

- "Dueling With Mother," Finalist in Theatre Oxford's Ten Minute Play Contest, 2005
- "Squash in Bloom," Third Place, One-Minute Playwright Contest, *Rosebud*, 1997.
- "'Til Death," Runner-Up, One-Minute Playwright Contest, *Rosebud*, 1997.
- "Orioles," Honorable Mention, One-Minute Playwright Contest, *Rosebud*, 1997.
- "Mill of Grace," Finalist, Midwest Theatre Network Annual Play Competition, 1996.
- "Sisters," Finalist, *Playfest Kalamazoo!*
- "Seven Prayers For Healing," Honorable Mention, Vilas Award, University of Wisconsin-Madison, 1985.

Selected Publications (Science/Education)

- D'Amato, M. J.; K. W. Lux; **H. W. Kerby**; B. Anderegg. "Introducing new technology to an old classroom: A multi-tool approach to integrating fuel-cell concepts into the general chemistry curriculum." *Journal of Chemical Education*. 2007. **84**: 2, 248.
- Hewson, P. W.; **H. W. Kerby**; P. A. Cook. "Determining the Conceptions of Teaching Science Held by Experienced High School Science Teachers." *Journal of Research in Science Teaching*. **1992**, *32*:5, 503-520.
- **Walter, H. M.**; D. R. Keeney; I. R. Fillery. "Inhibition of Nitrification by Acetylene." *Soil Science Society of America Journal*. **1979**, *43*, 195.

Publications (Creative Writing)

- "Attention" *The Art of the One-Act*. Ed. Arnold Johnston & Deborah Ann Percy. New Issues Press. (2006): 529
- "Squash in Bloom." *Rosebud 15* (Winter 1997): 84.
- "'Til Death." *Rosebud 15* (Winter 1997): 86.
- "Orioles." *Wisconsin State Journal* July 3, 1997: 1E.
- "Seven Prayers for Healing." *The Other Side* (March 1986): 40-42.

Play Productions & Staged Readings

- *Radiant Source* (one-hour version). Workshop, Larry Gard, director. Carpenter Science Theater, Science Museum of Virginia. June 25-29, 2007.
- *Two Sticks on a Drum* (full length). A series of three staged readings: Edgewood College (June 22, 2006), Ohio State University (July 13, 2006), and Victory Gardens, Chicago, IL (July 24, 2006).
- "Dueling With Mother" (ten-minute). Staged Reading. Theatre Oxford Ten-Minute Play Contest. Oxford, MS. May 2005.
- "Petit Curie" (one-act). In *Strange Noises*. Actor's Factory, Stoughton Opera House, Stoughton, WI. April 2005.
- "The Last Labor of Hercules Helen Clees" (ten-minute play). In *Gotterdamarama*. Mercury Players', Bartell Theater, Madison, WI. February 2004.
- *Radiant Source* (full length). Madison Area Technical College Performing Arts, Madison, WI. November 2004.
- "Ice Jam" (ten-minute play). Staged Reading. Playwrights' Ink, Bartell Theater, Madison, WI. February 2004.
- "Attention" (ten minute play). In *Computers in Love*. Mercury Players', Bartell Theater, Madison, WI. January 2002.
- "Mira" (short play). In *Summer Shorts*. Madison Theater Guild, Bartell Theater, Madison, WI. July 2000.
- "Late Again" (short play). In *Festival of Kinda Short Plays*. Playwrights' Ink, Brave Hearts Theatre, Madison, WI. August 1998.
- "Dueling with Mother" (short play). In *Festival of Kinda Short Plays*. Playwrights' Ink, Brave Hearts Theatre, Madison, WI. August 1998.
- "Squash in Bloom" (one-minute play). *Festival of One-Minute Plays*. Playwrights' Ink, Brave Hearts Theatre, Madison, WI. July 1997.
- "Orioles" (one-minute play). *Festival of One-Minute Plays*. Playwrights' Ink, Brave Hearts Theatre, Madison, WI. July 1997.
- "Jacket" (one-minute play). *Festival of One-Minute Plays*. Playwrights' Ink, Brave Hearts Theatre, Madison, WI. July 1997.
- "Late" (one-minute play). *Festival of One-Minute Plays*. Playwrights' Ink, Brave Hearts Theatre, Madison, WI. July 1997.
- "'Til Death" (one-minute play). *Festival of One-Minute Plays*. Playwrights' Ink, Brave Hearts Theatre, Madison, WI. July 1997.
- "Watch" (one-minute play). *Festival of One-Minute Plays*. Playwrights' Ink, Brave Hearts Theatre, Madison, WI. July 1997.
- "Self-Help" (monologue). Staged reading. Playwrights Ink. Oakwood Village Theatre. July 1, 1995.
- "Play With Bees" (ten-minute play). Staged reading. Playwrights Ink. Madison Area Technical College. September 18, 1995.
- "Mill of Grace" (one-act). In *Love Creek Play Festival*. Love Creek Productions. Nat Horne Theatre, New York City. September 1992.
- "Mill of Grace" (one-act). University of Wisconsin-Madison Theater workshop. December 10, 1993.
- "Sisters" (one-act). In *Playfest, Kalamazoo!* Actors and Playwrights Initiative, Kalamazoo, MI. May 1990.