

March 2010

CURRICULUM VITAE

Ronald E. Ritchhart

Office Address: Harvard Project Zero 1.617.277.7371 (mobile)
124 Mount Auburn Street 1.617.495.4898 (phone)
Cambridge, MA 02138 1.617.495.9709 (fax)
ron@pz.harvard.edu

EDUCATION

Harvard University, 1994-2000. Ed.D. in Human Development and Psychology
University of Colorado, 1987-1990. M.A. in Curriculum and Instruction
(Mathematics)
Indiana University, 1976-1982. B.S. in Elementary Education (Art Minor)

CURRENT POSITION

Research Associate, Project Zero, Harvard Graduate School of Education (2000-present)
Course Author, WIDE World, Harvard Graduate School of Education (2004-present)

SPONSORED RESEARCH AND DEVELOPMENT PROJECTS

Cultures of Thinking Project, 2005-2012, Principal Investigator. Application of the "cultural forces" empirical framework of Ritchhart (2000) to whole school professional development leading to an examination of and research on changes in students' conceptions of thinking, teacher use of thinking routines over extended time, and development of professional learning communities. Funding provided by Bialik College and the Abe and Vera Dorevitch Foundation.

Innovating with Intelligence, 2000-2004, Co-Principal Investigator. Development of an infusion approach to the teaching of thinking using design research methodology resulting in the Visible Thinking Program. Funding provided by Carpe Vitam Foundation, Sweden.

Creative Classroom Project, 1999-2003, Principal Investigator. Research on the meaning and mechanisms of creative teaching based on surveys, interviews, and videos taken from recipients of the American Teacher Awards leading to the development of video and print materials to support creative teaching in all teachers. Funding provided by Disney Learning Partnership.

Museum of Modern Art Visual Thinking Curriculum Evaluation, 1998-2000, Methodological Director. Evaluation of the effectiveness of the MoMA VTC in enhancing fifth grade students' reasoning ability in New York City public schools. Limits of and impediments to the effectiveness of the program were also investigated. Funding provided by Museum of Modern Art, NYC.

Patterns of Thinking, 1996-1998, Research Assistant. Development and testing of psychological measures to assess the triadic theory of dispositions developed by Perkins, Jay, & Tishman (1993). Funding provided by MacArthur Foundation.

International Schools Consortium, 1997-2004, Co-Principal Investigator. Implementation project focused on use of the Teaching for Understanding Framework. Funding provided by member schools.

Teaching for Understanding, 1994-1995, Research Assistant. Develop and test pedagogy of understanding in middle and high school classrooms. Case study research of teacher's professional learning and practice of the TfU framework. Funding provided by the Spencer Foundation.

Going for Broke: Sustained Professional Development for Mid-Career Teacher-Leaders, 1997-1999, Co-Director. Worked with mid-career middle school teachers to develop leadership skills to support in-school professional development. Funding provided by the MacArthur and Spencer Foundations.

Conversations about Students' Work, 1996-1997, Research Assistant. Development and examination of efforts to improve urban middle school teachers' teaching of mathematics through looking at student work. Funding provided by the Rockefeller and Annie E. Casey Foundations.

Curriculum Seminars, 1994-1996, Research Assistant. Development and examination of efforts to improve urban middle school teachers' teaching of mathematics and effects on student performance through attention to teacher's understanding of key mathematical ideas such as functions. Funding provided by the Rockefeller and Annie E. Casey Foundations.

ACADEMIC HONORS, SCHOLARSHIPS AND FELLOWSHIPS

Spencer Dissertation Fellowship (1999)
Spencer Research Training Grant Fellowship (1995-1998)
Harvard Graduate School of Education Entering Award (1994-1995)
Presidential Award for Excellence in Secondary Mathematics Teaching (1993)
State Award for Excellence in the Teaching of Mathematics, Colorado (1993)
Outstanding Elementary Mathematics Teacher of the Year, Colorado (1989)
Mathematics Education Trust's Mary Dolciani Scholarship (1988)
Graduation with High Distinction, Indiana University (1982)
Metz Scholarship (1980)
Indiana County Scholarship (1978)
Indiana University Merit Scholarship (1977-1982)

PREVIOUS EMPLOYMENT AND ACADEMIC POSITIONS

Instructor, Summer Math for Teachers and Students, Regis University (1992-1999)
Instructor, Current Trends in Mathematics Educations, Rocky Mountain Math Educators' Consortium (1995-96)
Instructor, Elementary Math Methods, Lesley University (1995)
Project Coordinator, The Math Project, Public Education Business Coalition, Denver (1991-94)
Adjunct Faculty, Math and Science Methods, Denver University Initial Teacher Certification Program (1989-92)
Math Teacher and Department Chair, Graland Country Day School (1990-94)
Fourth Grade Teacher, Graland Country Day School (1987-90)
Third Grade Teacher, Graland Country Day School (1982-87)
Standard One Teacher, Westburn School Christchurch, New Zealand (1980)

WRITINGS AND PUBLICATIONS

Theses

Ritchhart, R. (2000). *Enculturating Thinking: Six Case Studies of Teachers' Practice*. Doctoral Dissertation. Cambridge, MA: Harvard University Graduate School of Education.

Ritchhart, R. (1997). *Thinking Dispositions: Toward clarifying a construct*. Qualifying paper. Cambridge, MA: Harvard University Graduate School of Education.

Ritchhart, R. (1990). *Explorations in Numeracy: Moving Beyond Number Sense*. Master's Thesis. University of Colorado, Denver.

Books

Ritchhart, R., Church, M., & Morrison, K. (in press). *Making Thinking Visible*. San Francisco: Jossey-Bass.

Ritchhart, R. (2002). *Intellectual character: What it is, why it matters, how to get it*. San Francisco: Jossey-Bass.

Ritchhart, R., Moran, S, Blythe, T., & Reese, J. (2002). *Teaching in the creative classroom*. Burbank, CA: Disney Learning Partnership.

Ritchhart, R. & Blythe, T. (2001). *The power of the creative classroom*. Burbank, CA: Disney Learning Partnership.

Ritchhart, R. & Blythe, T. (1999). *Creativity in the classroom: An exploration*. Burbank, CA: Disney Learning Partnership.

Ritchhart, R. (1999). *Pythagoras's bow tie*. White Plains, NY: Cuisenaire.

Ritchhart, R. (1994). *Making numbers make sense: A sourcebook for developing numeracy*. Menlo Park, CA: Addison-Wesley.

Edited Books

Ritchhart, R. (Ed.) (1997). *Through mathematical eyes: Exploring functional relationships in math and science*. Portsmouth, NH: Heinemann.

Non-Print Media

Ritchhart, R. (Producer/Director). (In press). *Visible Thinking: Thinking Routines, Pictures of Practice Volume 2*, [DVD]. Available from Project Zero, Cambridge, MA.

Ritchhart, R. (Producer/Director). (2000). *Visible Thinking: Thinking Routines, Pictures of Practice*, [DVD]. Available from Project Zero, Cambridge, MA.

Ritchhart, R. (Producer/Director), Weiss, C. (Producer) & Franklin, K. (Executive Producer). (2004). *Inside the creative classroom*, [Video & CD-ROM]. DisneyHand Worldwide Outreach, Burbank, CA.

Ritchhart, R. (Producer/Director), Weiss, C. (Producer) & Franklin, K. (Executive Producer). (2002). *Teaching in the creative classroom*, [Video]. Disney Learning Partnership, Burbank, CA.

Ritchhart, R. (Producer/Director), Weiss, C. (Producer) & Franklin, K. (Executive Producer). (2001). *The power of the creative classroom*, [Video]. Disney Learning Partnership, Burbank, CA.

Ritchhart, R. (Producer/Director), & Franklin, K. (Executive Producer). (1999). *Creativity in the classroom: An exploration*, [Video]. Disney Learning Partnership, Burbank, CA.

Articles & Book Chapters

Ritchhart, R., Turner, T. & Hadar, L. (2009). Uncovering students' thinking about thinking. *Metacognition and Learning*, 4 (2) / August, 145-159.

Ritchhart, R. & Perkins, D. N. (2008). Making Thinking Visible. *Educational Leadership*, 65 (5), 57-61.

Ritchhart, R. (2007). Cultivating a culture of thinking in museums. *Journal of Museum Education*, 32 (2), 137-154.

Ritchhart, R. (2007). The seven R's of a quality curriculum. *Education Quarterly Australia*, Spring.

- Ritchhart, R. & Perkins, D. N. (2005). Learning to think: the challenges of teaching for thinking. In K. Holyoak (Ed.) *Cambridge Handbook of Thinking and Reasoning*.
- Perkins, D. N., & Ritchhart, R. (2004). When is good thinking? In D. Y. Dai & R. Sternberg (Eds.) *Motivation, emotion, and cognition: Integrative perspectives on intellectual functioning and development*. Mahwah, NJ: Erlbaum.
- Ritchhart, R. (2004). Creative teaching in the shadow of the standards. *Independent School* 63 (2), 32-41.
- Ritchhart, R. (2001). From IQ to IC: A dispositional view of intelligence. *Roeper Review* 23 (3), 143-150.
- Perkins, D. N., Tishman, S., Ritchhart, R., Donis, K., & Andrade, A. (2000). Intelligence in the wild: A dispositional view of intellectual traits. *Educational Psychology Review* 12 (3), 269-293.
- Ritchhart, R. & Perkins, D. N. (2000). Life in the Mindful Classroom: Nurturing the Disposition of Mindfulness. *Journal of Social Issues* 56 (1), 27-47.
- Ritchhart, R. (1999). Generative topics: Building a curriculum around big ideas. *Teaching Children Mathematics*, 5 (8), 462-468.
- Ritchhart, R. (1999). Uncovering the dimensions of disciplinary understanding in mathematics (and other subject areas). In L. Hetland & S. Veenema (Eds.), *The Project Zero Classroom: Views on Understanding* (pp. 35-45). Cambridge, MA: Harvard Project Zero.
- Ritchhart, R. (1998). Rethinking professional development: Supporting reform in middle grades mathematics through the cultivation of teaching dispositions. In L. Leutinger (Ed.), *Mathematics in the middle* (pp. 49-54). Reston, VA: National Council of Teachers of Mathematics.
- Ritchhart, R. (1998). How emotions shape our thinking. *Think*, October, 11-13.
- Ritchhart, R. & Wiske, M. S. (1998). How does teaching for understanding look in practice? In M. S. Wiske (Ed.), *Teaching for understanding* (pp. 122-158). San Francisco: Jossey-Bass.
- Duke, N. & Ritchhart, R. (1997). No-pain, high-gain standardized test preparation. *Instructor*, 107 (3), 89-92 & 119.
- Ritchhart, R. (1997). Learning to see the world through mathematical eyes. In R. Ritchhart (Ed.), *Through Mathematical Eyes: Exploring Functional Relationships in Math and Science*. Portsmouth, NH: Heinemann.
- Ritchhart, R. (1997). In praise of messiness, betting against the odds, and reinventing the wheel as avenues for the development of understanding. In R. Ritchhart (Ed.), *Through Mathematical Eyes: Exploring Functional Relationships in Math and Science*. Portsmouth, NH: Heinemann.

Ritchhart, R. (1994). Teaching with the heart. In K. Jennings (Ed.), *One teacher in ten*. Boston: Alyson Publications.

Ritchhart, R. (1994). The note. *Teacher Magazine*, February.

Comfort, R., & Ritchhart, R. (1992). Teaching and learning mathematics. In R. Comfort's, *Teaching the unconventional child*. Englewood, CO: Learning Unlimited.

Ritchhart, R. (1991). The promise, myth and reality of the computer in the classroom. *Wisconsin Mathematics Teacher*, December.

Refereed Papers

Ritchhart, R., Turner, T. & Hadar, L. (2008). Uncovering students' thinking about thinking. Paper presented at AERA Conference, New York.

Ritchhart, R., Palmer, P., Church, M. & Tishman, S. (2006). Thinking routines: Establishing patterns of thinking in the classroom. Paper presented at AERA Conference, San Francisco.

Ritchhart, R. (2000). Mental Models, Instructional Values, and the Development of Students' Intellectual Character: A Tale of Two Teachers. Paper presented at the AERA Conference, New Orleans.

Ritchhart, R. (1999). Developing Mathematical Habits of Mind. Paper presented at the National Council of Teachers of Mathematics Annual Meeting: San Francisco.

Ritchhart, R. (2000). Creating a mindful classroom: One teacher's beginnings. Twenty-Second Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education.

Ritchhart, R. & Langer, E. (1997). Teaching mathematical procedures mindfully: Exploring the conditional presentation of information in mathematics. In Dossey, J., Swafford, J., Parmantie, M., and Dossey, A. (Eds.). *Proceedings of the Nineteenth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 299-305). Columbus, OH: ERIC Clearinghouse for Science, Mathematics, and Environmental Education.

Selected Invitational Papers/Addresses

"Creating a Classroom Culture Where Thinking and Understanding Thrive," Keynote address to the International Symposium on Teacher and Learning for Understanding, Louisville, Kentucky (June, 2010).

"Thinking Routines: Establishing Patterns of Thinking in the Classroom," Featured presentation of the 14th International Conference on Thinking, Kuala Lumpur (June, 2009).

“Understanding and Assessing Classroom Culture,” Dean’s Lecture Series
Melbourne University, Australia (May, 2009).

“Rules of Engagement,” Keynote address to the Ithaca Joint Schools Meeting,
Melbourne, Australia (May, 2009).

“Using Critical Thinking Routines to Foster Understanding in the University
Classroom,” Workshop for the faculty of Oregon State University, Beaver,
Oregon (April, 2008).

“Visible Thinking: A World-Wide Collaboration,” Symposium of the 13th
International Conference on Thinking, Norrköping, Sweden (June, 2007).

“A Culture of Thinking,” Evening Lecture Series on Education of the University
of Tasmania, Hobart, Australia (Feb 2006).

“Building Classroom Culture,” Presentation to the Klingenstein Summer
Institute, Lawrenceville, NJ (June, 2006).

“Creating Cultures of Thinking,” Featured presentation of the 12th International
Conference on Thinking, Melbourne, Australia (July 2005).

Book Reviews, Introductions, and Forewords

Ritchhart, R. (2009). Foreword to Rose-Duckworth, R. & Ramer, K., *Fostering learning independence: An essential guide for k-6 educators*. Thousand Oaks, CA: Corwin Press.