



Brief Curriculum Vitae for Stephen Petrina

URL: blogs.ubc.ca/petrinacv

PRESENT RANK: Professor

Date: 9 February 2013

SINCE: 1 July 2007

Stephen Petrina is a Media and Technology Studies specialist, cultural historian, and critical educator. He is a Professor ([Media & Technology Studies](#)) in the Department of Curriculum and Pedagogy. He has authored or co-authored 110 publications, including 40 Refereed Articles, 14 Refereed Proceedings, 31 Scholarly Responses and Non-Refereed Publications, 6 Books, and 26 Book Chapters, in addition to dozens of technical reports. He has been awarded \$1.5m in competitive research and infrastructure funds, some of which underwrote the design of 3 labs. He has supervised 84 graduate students, including 8 Ph.D. students, to completion and is current Supervisor of nine graduate students. With Sandra Mathison and E. Wayne Ross, he is co-Director of the Institute for Critical Education Studies.

POST-SECONDARY EDUCATION

University or Institution	Degree	Subject Area	Dates
University of Maryland, College Park, MD.	PhD	Education Policy and Planning	1994
University of Maryland, College Park, MD.	MA	Technology Studies	1990
California University of Pennsylvania	BS	Education	1984

EMPLOYMENT RECORD

(a) *At UBC*

Rank or Title	Dates
Assistant Professor	1996-2001 (30 June)
Associate Professor	2001 (1 July)- 2007 (3 August)
Professor	2007 (3 August)- Present

ADMINISTRATIVE APPOINTMENTS

Administration	Dates
Curriculum Area Coordinator / Chair (Technology Studies)	July 1996- December 2011
Graduate Coordinator	June 2007- September 2009
Deputy Head	June 2007- September 2009

(b) *Directorships*

Unit	Dates
Co-Director, Institute for Critical Education Studies http://blogs.ubc.ca/ices	October 2010-present

TEACHING, MENTORING, AND GRADUATE SUPERVISION

TEACHING

Teaching Awards & Nominations

Award	Nomination Date	Received
Killam Teaching Award*	1999	Did not Receive
Killam Teaching Award*	2006	Did not Receive

*Nominated with dossier prepared by graduate students

Example Courses Developed at UBC

Course Titles	Dates
EDCP 481 Media Studies http://blogs.ubc.ca/etec	2010 - Present
EDCP 508 Review of Research in Cognition, Emotion and Technology: How We Learn (Technology Across the Lifespan) http://blogs.ubc.ca/howwelearn	2005
EDCP 508 Review of Research in Learning Technologies, New Media and the Learning Sciences http://blogs.ubc.ca/howwelearn	2007
EDCP 508 Seminar on Bruno Latour and Science & Technology Studies (STS)	2009
EDCP 562 Curriculum Studies http://blogs.ubc.ca/howwelearn	July 1996- Present
EDCP 571 History of Media & Technology in Education http://blogs.ubc.ca/etec	July 1996- Present
EDCP 601 Doctoral Seminar: History & Theory	2004-2005
EDUC 500 Research Methodologies	1998 / 2003
ETEC 511 Foundations of Educational Technology http://blogs.ubc.ca/etec	2008- Present
ETEC 531 Cultural & New Media Studies http://blogs.ubc.ca/etec	2000- Present

External Graduate Program Cohorts Developed and Hosted

Cohort Name	Program Type	Year		District	Advisor
		Start	Finish		
1. Digital Learning and Curriculum (DLC1)	MEd (21 Students)	2010	2012	Vancouver, Langley	Primary Advisor: Krug Secondary Advisor: Petrina
2. Digital Learning and Curriculum (DLC2)	MEd (20 Students)	2012	2014	Vancouver, Langley	Primary Advisor: Krug Secondary Advisor: Petrina

INFRASTRUCTURE

RESEARCH AND TEACHING INFRASTRUCTURE

Research and Teaching Infrastructure (Physical)

Date	Facility	Role	Co-developers
Winter 2000-present	Design & Technology Lab 1106	Principal Designer	
Summer 2005-present	Linux Lab (Scarfe 1106)	Co- Designer	Soowook Kim, James Gauthier
Summer 2005-present	New Media Research / How We Learn Lab (Scarfe 1224)	Principal Designer	
Winter 2008-present	Learning Sciences & Technologies Research Lab	Principal Designer	Mary Bryson, Brent Davis & Franc Feng
2012-present	Institute for Critical Education Studies	Co-Director	Sandra Mathison, E. Wayne Ross

Research and Teaching Infrastructure (Digital / Virtual)

Date	System	Role	Co-developers
Summer 2008-present	ETEC 511 Learning Management System	Co- Designer	Feng
Summer 2008-present	Open Journal System	Co- Designer	Ross & Hapke
Summer 2009-present	Open Conference System	Co- Designer	Hapke
2012-present	Open Journal System redesign <i>Critical Education & Workplace</i>	Co- Designer	Ross
2012-present	Institute for Critical Education Studies http://blogs.ubc.ca/ices	Co-Director	Sandra Mathison, E. Wayne Ross

Research or Data Workshops and Summer Camps

Workshop or Camp	Date		Principal Planner and Host	Assistants
Promoting Equity: Women in Technology Education	31 March 2000		Petrina	Marcia Braundy, Yvonne Brown
Inter-University Workshop w/ Hanyang University (Korea)	19 Sept 2006		Petrina	Juyun Kim, Soowok Kim
Node 101 :: CUST	Sept 2006	April 2007	Petrina	Karen Brennan
Summer Camp: Technology Fun 101	8-10, 15-17 July 2008		Petrina	PJ Rusnak, Yifei Wang, Juyun Kim
Summer Camp: Technology Fun 101	20-24, 27-31 July 2009		Petrina	PJ Rusnak, Fared Teja
Summer Camp: Technology Fun 101	18-22, 25-29 July 2011		Petrina	PJ Rusnak, Peter Halim

GRANTS AND CONTRACTS

Granting Agency	Subject	COM PETE	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
1. UBC Faculty of Education / DNSO Mentorship Fund	Education, Medicine, and the Psy-ences	NC	\$5,000	2012	Petrina	
2. UBC Faculty of Education / OGPR Infrastructure Development Fund	ICES / Workplace: A Journal for Academic Labor	C	\$1,200	2012	Petrina, Ross & Mathison	
3. British Columbia Institute of Technology VP Research Seed Fund	Designing Engaging Educational Games	C	\$50,000	2012	Gutica	Petrina
4. Canadian Commission for UNESCO	Technological Learning and Thinking Conference 2010	C	\$2,500	2010	Hansen & Petrina	
5. UBC Hampton Fund Research Grant	Hollywood Hospital, 1919-1975	C	\$20,000	2009-2011	Roman	Petrina
6. Social Science and Humanities Research Council	Learning Technologies & Media Across the Lifespan	C	1) \$48,100 2) \$46,900 3) \$44,900 = \$139,900	2009-2012	Petrina	Feng
7. Canada Foundation for Innovation	Learning Sciences and Technologies Research Lab	C	\$199,957	2008-2009	Petrina	Bryson & Davis
8. Social Science and Humanities Research Council	Seeds of possibility: Mentoring K-7 Educators' ICT Ecology of Cognition	C	1) \$x 2) \$x 3) \$x = \$109,100	2007-2010	Krug	Petrina,
9. Social Science and Humanities Research Council	How We Learn (Technology Across the Lifespan)	C	1) \$68,859 2) \$60,358 3) \$51,834 = \$181,052	2006-2009	Petrina	Bryson, Dobson, Feng, Khan, Krug & Willinsky
10. UBC Humanities and Social Science Research Fund	A History of the UBC Child Study Centre, 1961-1997	C	\$6,000 (Total)	2005-2006	Clark, P.	Gleason & Petrina
11. UBC Hampton Fund Research Grant	Encountering Technology and Emotions	C	\$45,000 (Total)	2004-2006	Petrina	Bryson, Dobson and Fels

SERVICE

SERVICE TO THE UNIVERSITY *see also Administrative Appointments above

Memberships on committees, including offices held and dates

2010-2012	Member, UBC Senate Library Committee
2005-present	Member, Environmental Education Caucus
2006-present	Chair, How We Learn (Media & Technology Across the Lifespan) research group
2010-2011	Co-Chair, Faculty of Education Faculty Congress Implementation Committee
2009-2010	Member of Department of Curriculum and Pedagogy Undergraduate Advisory Committee
2007-2009	Member of Department of Curriculum and Pedagogy Head's Advisory Committee
2007-2009	Chair, Department of Curriculum and Pedagogy Graduate Advisory Committee
2007-2009	Member of the Faculty of Education Graduate Coordinator's Advisory Committee
2007-2009	Member of the Faculty of Graduate Studies Graduate Council
2007-2010	Executive Member of the Canadian Association for Curriculum Studies
2003-2007	Executive Member at Large, Faculty Association of UBC

SERVICE TO THE COMMUNITY

Editorships (list journal and dates)

2011-Present	Co-Editor <i>Critical Education</i>
2006-Present	Co-Editor <i>Workplace: A Journal for Academic Labor</i>
2007-2008	Editor (Special Issue) <i>Educational Insights</i>
1995-2004	Assistant Editor <i>Journal of Industrial Teacher Education</i>
1994-2004	Assistant Editor <i>Journal of Technology Education</i>
1994-2004	Book Review Editor <i>Journal of Technology Education</i>

co-Editorship of Workplace: A Journal for Academic Labor

- a. Jubas, K., Kawalilak, C., Petrina, S. & Ross, E. W. (Eds.). (2012). In/stability, In/security, In/visibility: Tensions at Work for Tenured and Tenure Stream Faculty in the Neoliberal Academy. *Workplace: A Journal for Academic Labor*, 21, 60 pp.
- b. Ross, E. W. & Petrina, S. (Eds.). (2012). The New Academic Manners, Managers, and Spaces. Special issue of *Workplace: A Journal for Academic Labor*, 20, 112 pp.
- c. McGinn, M. K., Petrina, S. & Ross, E. W. (Eds.). (2012). Belonging and non-Belonging: Costs and Consequences in Academic Lives. Special issue of *Workplace: A Journal for Academic Labor*, 19, 91 pp.
- d. Ross, E. W. & Petrina, S. (Eds.). (2011). Narratives of academic labor. Special issue of *Workplace: A Journal for Academic Labor*, 18, 53 pp.
- e. Stevenson, H., Petrina, S. & Ross, E. W. (Eds.). (2010). Working In, and Against, the Neo-Liberal State: Global Perspectives on K-12 Teacher Unions. Special issue of *Workplace: A Journal for Academic Labor*, 17, 165 pp.
- f. Ross, E. W. & Petrina, S. (Eds.). (2009). Academic, Knowledge, Labor, and Neoliberalism. Special issue of *Workplace: A Journal for Academic Labor*, 16, 127 pp.
- g. Wexler, S., Petrina, S. & Ross, E. W. (Eds.). (2008). Mental Labor. Special issue of *Workplace: A Journal for Academic Labor*, 15, 162 pp.
- h. Palm, M., Ross, W. & Petrina, S. (Eds.). (2007). Beyond the Picket Line: Academic Organizing after the Long NYU Strike. Special issue of *Workplace: A Journal for Academic Labor*, 14, 125 pp.
- i. Bryson, M., Petrina, S., Weir, L. & Ross, E. W. (Eds.). (2005). Academic freedom & IP rights in an era of the automation and commercialization of higher education: Special issue of *Workplace: A Journal for Academic Labor*, 13, 128 pp.

Reviewer (journal, agency, etc. including dates)

- 2009-2010 *Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity* conference. Vancouver, BC, 17-19 June.
- 2008-2009 SSHRC Graduate Scholarship Adjudication Committee (application reviewer) (128 apps. 2008, 70 app. 2009)
- 2006-Present *Workplace: A Journal for Academic Labor*
- 2006-Present *Canadian Journal of Higher Education* (manuscript reviewer)
- 2004-Present National Science and Engineering Research Council (proposal reviewer)
- 2002-Present Social Science and Humanities Research Council (proposal reviewer)
- 2002-Present *History of Education Quarterly* (manuscript reviewer)
- 2002-Present *Technology and Culture* (manuscript reviewer)

Peer Teaching Reviewer for tenure and/or promotion cases (indicate universities and dates)

Date	Rank	University	Reviewer
Oct-Dec 2007	Professor	UBC	Petrina & Mazawi
Oct-Dec 2008	Professor	UBC	Petrina, Chan & Wright

External Review for Tenure & Promotion

Date	Rank	University	Reviewer
2005	Assistant to Associate	University of Illinois	Petrina
2007	Assistant to Associate	University of Michigan	Petrina
2009	Associate to Full	Queen's University	Petrina
2010	Associate to Full	University of Calgary	Petrina
2011	Canada Research Chair renewal	Thompson River University	Petrina
2011	Associate to Full	Virginia Polytechnic University	Petrina

Arbitration and Legal Expertise

- 2004-2007 UBC Faculty Association v. University of British Columbia (Bryson v. MET)
- 2007-2010 UBC Faculty Association (Janice Doe) v. University of British Columbia
- 2009-present Jennifer Chan v. University of British Columbia (UBC Equity Office, BC Human Rights Tribunal)

AWARDS AND DISTINCTIONS

Awards for Scholarship (indicate name of award, awarding organizations, date)

2012	Founders' Prize for best publication in 2012 awarded by the Canadian History of Education Association (Clark, P., Gleason, M. & Petrina, S. (2012). Preschools for science: The Child Study Centre at the University of British Columbia, 1960-1997. <i>History of Education Quarterly</i> , 52(1): 29-61)
2007	Silvius-Wolansky Award for Outstanding Publication in Technology Education, presented by the Council on Technology Teacher Education and the International Technology Education Association (Petrina, S. (2007). <i>Advanced teaching methods for the technology classroom</i> . Hershey, PA: Information Science, Inc.)
2001	Silvius-Wolansky Award for Outstanding Publication in Technology Education, presented by the Council on Technology Teacher Education and the International Technology Education Association (Braundy, M., O'Riley, P., & Petrina, S. with Dalley, S. & Paxton, A. (2000). Missing XX chromosomes or gender in/equity in design and technology education? The case of British Columbia. <i>Journal of Industrial Teacher Education</i> , 37(3), 54-92)
1999	National Association of Industrial and Technical Teacher Educators Award for Outstanding Research Manuscript in the <i>Journal of Industrial Teacher Education</i> (Lewis, T., Petrina, S. & Hill, A.M. (1998). Problem posing— Adding a creative increment to technological problem solving. <i>Journal of Industrial Teacher Education</i> , 36(1), 5-35)
1998	Technology Education Division of the American Vocational Association Research Symposium Award (Lewis, T., Petrina, S. & Hill, A.M. (1998). Problem posing— Adding a creative increment to technological problem solving. <i>Journal of Industrial Teacher Education</i> , 36(1), 5-35)
1997	Paul Hiser Award for Exemplary Publication, Epsilon Pi Tau and <i>Journal of Technology Studies</i> (Petrina, S. & Volk, K. (1995). Time to stop putting old wine into new bottles: The industrial arts movement's history, vision and ideal (parts 1 & 2). <i>Journal of Technology Studies</i> , 21(1 + 2), 24-32 + 28-35)

PRESENTATIONS (Selected)

Invited and Keynote Presentations

1. Petrina, S. (2012). *The new critiquette and old scholactivism: On academic manners, managers, matters, and freedom*. Paper presented at the Rouge Forum @ AERA 2012. Vancouver, BC, 13 March.
2. Petrina, S., Feng, F., Gutica, M., Rusnak, PJ, Teja, F. & Wang, Y. (2010). *Designerly ways of being, knowing, doing and learning: A symposium*. Presented at the first bi-annual Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference. Vancouver, BC, 17-19 June.
3. Petrina, S. (2009). 'Scientific ammunition to fire at congress: Intelligence, reparations, and the U.S. Army Air Forces, 1944-1947. Invited talk given at Green College, Science and Technology Studies Series. Vancouver, 17 June.

4. Petrina, S., Feng, F., Gutica, M., Hall, L., Kojima, D., Rusnak, PJ., Trey, L. & Wang, Y. (2008). *How we learn (technology across the lifespan)*. Keynote address given at the 70th annual conference of the International Technology Education Association. Salt lake City, UT, 21-23 February.
5. Petrina, S. (2008). *Medical liberty*. Invited talk given at Green College, Principal's Lecture Series. Vancouver, 29 January.
6. Petrina, S. (2008). *Medical liberty*. Invited talk given at Green College, Science and Technology Studies Series. Vancouver, 16 June.
7. Petrina, S. (2006, December 7). *On techno-theology and the sacred: Exploring technology and spirituality*. Keynote address given at the 4th Biennial International Conference on Technology Education Research. Brisbane, QLD.
8. Petrina, S. (2004, October 26). *Academic freedom and intellectual property at UBC*. Invited paper presented at "What price freedom? Academic freedom and the corporate university." Vancouver, BC. (15 pp.)

*Refereed and *Major International and National Conference Presentations*

1. Gutica, M. & Petrina, S. (2012). *Designing and implementing educational games: Engaging college students in research in education*. Paper presented at the annual meeting of the Society for the Study of Teaching and Learning, Montreal, 19-22 June.
2. *Petrina, S., Feng, F., Gutica, M., Rusnak, PJ, Teja, F. & Wang, Y. (2010). *Designerly ways of being, knowing, doing and learning: A symposium*. Presented at the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference. Vancouver, BC, 17-19 June.
 - a. Teja, F. & Petrina. (2010). *Youth learning to design, build and program robots: A study of distributed cognition*. Paper presented at the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference. Vancouver, BC, 17-19 June.
 - b. Rusnak, PJ, Petrina, S., Feng, F. & Wang, Y. (2010). *Being@play*. Paper presented at the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference. Vancouver, BC, 17-19 June.
 - c. Gutica, M. & Petrina, S. (2010). *Emotional design: Perspectives of IT designers*. Paper presented at the first bi-annual Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference. Vancouver, BC, 17-19 June.
 - d. Wang, Y. & Petrina, S. (2010). *Designing chatbot technologies: A virtual agent for stimulating adults' oral English practices*. Paper presented at the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference. Vancouver, BC, 17-19 June.
 - e. Petrina, S., Feng, F. & You, L. (2010). *Researching design and engineering cognition*. Paper presented at the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference. Vancouver, BC, 17-19 June.
3. *Petrina, S., Rusnak, PJ., Ecklund, K. & Kocher, M. (2010). *Storytellers, storymakers, learning, and ARGs: A Symposium*. First annual Digital Media and Learning conference. San Diego, CA, 18-20 February.

- f. Petrina, S. (2010). End of gaming literacies : : Postliterate machineries. Paper presented at *Storytellers, storymakers, learning, and ARGs: A Symposium*. First annual Digital Media and Learning conference. San Diego, CA, 18-20 February. (10 pp.)
2. Hall, L. & Petrina, S. (2008). *Relationality, perceptions of technologies and ecological responsibility*. Paper presented at the annual meeting of the American Educational Research Association, New York, 22-29 March. (15 pp.)
3. Petrina, S., Compton, V., Feng, F., Hall, L., Kojima, D., Rusnak, PJ. & Trey, L. (2008, 2 June). *Methodologies for researching how people learn technologies*. Paper given at the annual conference of the Canadian Society for the Study of Education and Canadian Association for Curriculum Studies. Vancouver, BC, 30 May-3 June.
4. Brennan, K., Feng, F., Hall, L. & Petrina, S. (2007, 13 October). *Technology, religion, spirituality and the sacred*. Paper presented at the annual meeting of the Society for the Social Studies of Science, Montreal, QC, 11-13 October. (18 pp.)
5. Kim, S. & Petrina, S. (2007, 12 October). *The sources of production*. Paper presented at the annual meeting of the Society for the Social Studies of Science, Montreal, 11-13 October. (9 pp.)
6. Brennan, K., Feng, F., Hall, L., Kojima, D. & Petrina, S. (2007, 27 June). *Researching cognition and technology: Dynamically responsive learning environments*. Paper presented at the Ed-Media World Conference, Vancouver, 25-29 June 2007. (6 pp.)
7. Petrina, S. (2007, 27 May). *Medical Liberty: Education, Medicine, Psychotherapeutics, Foucault, 1910-1935*. Paper presented at the Annual Meeting of the Society for the Canadian Disability Studies Association on the panel symposium, "Unsettling Medical Colonization in education, popular theatre and social welfare." Saskatoon, SK, 26-28 May. (41 pp.)
8. Petrina, S. (2007, 8-9 April). *Medical Liberty: Education, Medicine, Psychotherapeutics, Foucault, 1910-1935*. Paper presented at the Annual Meeting of the Society for the Study of Curriculum History on the panel symposium, "History is Lived and Contested: Asylums, Medical Professions and School in Historic Contexts." Chicago, April 8, 2007.
9. Brennan, K., Feng, F., Hall, L. & Petrina, S. (2007, 18-21 February). *On the complexity of technology and the technology of complexity*. Paper presented at the Fourth Complexity Science and Educational Research conference, 18-20 February, Vancouver, BC. (41 pp.)

Conference Participation (Organizer, etc.)

1. Petrina, S. & Hansen, R. (2010). Conference co-chair for the *Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity* conference. Vancouver, BC, 17-19 June.
 - a. 90 proposals submitted
 - b. 76 accepted
 - c. 32 sessions
 - d. 120 Participants
2. Petrina, S., Feng, F., Gutica, M., Rusnak, PJ, Teja, F. & Wang, Y. (2010). *Designerly ways of being, knowing, doing and learning: A symposium*. First bi-annual Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference. Vancouver, BC, 17-19 June.

3. Petrina, S., Rusnak, P.J., Ecklund, K. & Kocher, M. (2010). *Storytellers, storymakers, learning, and ARGs: A Symposium*. First annual Digital Media and Learning conference. San Diego, CA, 18-20 February.
4. Petrina, S. (2008). Conference Chair for Canadian Association for Curriculum Studies in the Canadian Society for the Study of Education annual meeting. Vancouver, BC, 30 May-3 June.
 - a. 351 proposals submitted
 - b. 245 accepted
 - c. 82 sessions
5. Altenbaugh, R., Noble, S., Petrina, S., Roman, L. & Willinsky, J. (2007). *History is Lived and Contested: Asylums, Medical Professions and Schooling in Historical Contexts: A Panel Symposium*. Annual Meeting of the Society for the Study of Curriculum History. Chicago, IL. (Co-organized panel)
6. Petrina, S. & Kim, J. (2006, September 19). Inter-University graduate seminar between Hanyang University (Korea) and UBC. Vancouver, BC.
7. Petrina, S. & Ross, W. (2005, October 18). Teach-in and rally to support our teachers. Vancouver, BC. (Co-organizer)
8. Menzies, C., Petrina, S. & Ross, W. (2005, November 9). *UBC Roundtable for Public Education*, Vancouver, BC. (Co-organizer).
9. Petrina, S. and Weir, L. (25-26 October 2004). *What price freedom? Academic freedom and the corporate university*. (Organized conference)

PUBLICATIONS

1. Research Contributions Over the Last Six Years (2006-2012)

A. Refereed Books

- R Petrina, S. (2007). *Advanced teaching methods for the technology classroom*. Hershey: Information Sciences, International. (400 pp.)

B. Refereed Book Chapters (selected)

- R* Petrina, S. (in press, 2012). Postliterate machineries. In J. Dakers (Ed.), *Defining technological literacy: Towards an epistemological framework*, 2nd ed. (40 pp.). New York: Palgrave Macmillan.
- R* Petrina, S. (2010). Cognitive science. In P. Reed & J. E. LaPorte (Eds.), *Research in technology education* (pp. 136-151). New York: Glencoe-McGraw Hill.
- R* Petrina, S. & Rusnak, P. (2010). Technology. In C. Kridel (Ed.), *Encyclopedia of curriculum studies* (pp. 876-878). Thousand Oaks, CA: Sage.
- R* Petrina, S. (2010). Educational Testing Service. In C. Kridel (Ed.), *Encyclopedia of curriculum studies* (pp. 317-318). Thousand Oaks, CA: Sage.
- R* Petrina, S. & Rusnak, P. (2010). Intelligence tests. In C. Kridel (Ed.), *Encyclopedia of curriculum studies* (pp. 487-488). Thousand Oaks, CA: Sage.
- R* Petrina, S. (2010). Academic freedom. In C. Kridel (Ed.), *Encyclopedia of curriculum studies* (pp. 1-2). Thousand Oaks, CA: Sage.
- R* Petrina, S. (2008). Academic freedom for K-12 teachers. In S. Mathison & W. Ross (Eds.), *Battleground: Schools: An encyclopedia of conflict and controversy, Volume 1* (pp. 1-11). New York: Greenwood.
- R* Petrina, S., Bartosh, O., Guo, R. & Stanley-Wilson, L. (2008). ICT literacies and policies in teacher education: A survey of preservice teachers at the University of British Columbia, 2001-2004 (pp. 87-108). In T. Di Petta (Ed.), *The Emperor's new computer*. Amsterdam: Sense. (PI, 80% of authorship)
- R* Petrina, S. & Guo, R. (2007). Developing a large-scale assessment of technological literacy. In M. Hoepfl & M. Lindstrom (Eds.), *Assessment in technology education* (pp. 157-180). New York: Glencoe-McGraw Hill. (80% of authorship)

C. Refereed Articles (selected)

- R* Petrina, S. (2012). The new critique and old scholactivism: On academic manners, managers, matters, and freedom. *Workplace: A Journal for Academic Labor*, 20, 17-57.
- R Clark, P., Gleason, M. & Petrina, S. (2012). Preschools for science: The Child Study Centre at the University of British Columbia, 1960-1997. *History of Education Quarterly*, 52(1): 29-61. (co-I, 33% of authorship)
- R* Petrina, S., Feng, F. & Kim, J. (2008). Researching cognition and technology: How we learn across the lifespan. *International Journal of Technology and Design Education*, 18(4), 375-396. (PI, 80% of authorship)
- R* Guo, R. X., Dobson, T. & Petrina, S. (2008). Digital natives, digital immigrants: An analysis of age and ICT competency in teacher education. *Journal of Educational Computing Research*, 38(3), 235-254. (Supervisor, 33% of authorship)

- R Park, H., Khan, S. & Petrina, S. (2008). ICT in science education: A quasi-experimental study of achievement, attitudes toward science, and career aspirations of Korean middle school students. *International Journal of Science Education*, 1-23. (Supervisor, 33% of authorship)
- R Nason, S., Nielson, W. & Petrina, S. (2008). Whatever happened to STS? Preservice physics teachers and the history of quantum mechanics. *Science & Education*, 17, 387-401. (Team Leader, 33% of authorship)
- R Petrina, S. (2008). Medical liberty: Drugless healers confront allopathic doctors, 1910-1931. *Journal of Medical Humanities*, 29(4), 205-230.
- R* James, K. & Petrina, S. (2007). After-lifelong learning: A eulogium. *Taboo*, 10(2), 5-23. (PI, 50% of authorship)
- R* Kim, J. & Petrina, S. (2006). Emotional laboring in the video game, *The Sims*: A curriculum of emotional experience. *Educational Insights*, 10(2), 84-94. (Supervisor, 50% of authorship)
- R Petrina, S. (2006). C&I high. *Journal of Curriculum and Pedagogy*, 3(2), 125-147.
- R Petrina, S. (2006). The medicalization of education: A historiographic synthesis. *History of Education Quarterly*, 46(1), 503-532.

D. Other Refereed Contributions (selected)

- R* Gutica, M. & Petrina, S. (2012). *Designing and implementing educational games: Engaging college students in research in education*. Paper presented at the annual meeting of the Society for the Study of Teaching and Learning, Montreal, 19-22 June.
- R* Petrina, S., Feng, F., Gutica, M., Rusnak, PJ, Teja, F. & Wang, Y. (2010). *Designerly ways of being, knowing, doing and learning: A symposium*. Presented at the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference. Vancouver, BC, 17-19 June.
1. Rusnak, PJ, Petrina, S., Feng, F. & Wang, Y. (2010). Being@play. *Proceedings the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference*. Vancouver, BC, 17-19 June, 22 pp.
 2. Teja, F. & Petrina, S. (2010). Youth learning to design, build and program robots: A study of distributed cognition. *Proceedings of the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference*. Vancouver, BC, 17-19 June, 28 pp.
 3. Gutica, M. & Petrina, S. (2010). Emotional design: Perspectives of IT designers. *Proceedings of the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference*. Vancouver, BC, 17-19 June, 29 pp.
 4. Wang, Y. & Petrina, S. (2010). Designing chatbot technologies: A virtual agent for stimulating adults' oral English practices. *Proceedings of the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference*. Vancouver, BC, 17-19 June, 18 pp.
 5. Petrina, S., Feng, F. & You, L. (2010). Researching design and engineering cognition. In Hansen, R. & Petrina, S. (Eds.), *Proceedings of the Technological Learning and Thinking: Culture, Design, Sustainability, Human Ingenuity conference*. Vancouver, BC, 17-19 June, 24 pp.
- R* Petrina, S., Rusnak, PJ., Ecklund, K. & Kocher, M. (2010). *Storytellers, storymakers, learning, and ARGs: A Symposium*. First annual Digital Media and Learning conference. San Diego, CA, 18-20 February.
1. Petrina, S. (2010). End of gaming literacies : : Postliterate machineries. Paper presented at *Storytellers, storymakers, learning, and ARGs: A Symposium*. First annual Digital Media and Learning conference. San Diego, CA, 18-20 February. (10 pp.)

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- Petrina, S. (2010). Technology and (human) rights: Review of *Human rights in the global information society. Workplace*, 17, 1-3.
- Petrina, S. (2007). 2020 vision: On the politics of technology. In D. Barlex (Ed.), *Design & technology— For the next generation* (pp. 32-41). London: Nuffield Foundation.
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F. Forthcoming Contributions (selected)

- R** Petrina, S. (2013). “Scientific Ammunition to Fire at Congress:” Intelligence, reparations and the US Army Air Forces, 1944-1947. *Vulcan: International Journal of the Social History of Military Technology*, 1(2). 57 pp
- R*** Petrina, S. & Feng, F. (in progress, 75%). *Techontologies: On the critical ontology of media & technology*. New York: Peter Lang.
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- R*** Petrina, S. (in progress 80%). *Twentieth century learning: The history of educational media and technology*. New York: Teachers College Press.
- R*** Petrina, S. (in press, 2009). *The critical ontology of technology: New methodologies*. New York: Peter Lang.
- * Feng, F. & Petrina, S. (in progress, 2009). The flesh is willing but the spirit is weak. In S. Petrina & F. Feng (Eds.). *Technology, Religion, Spirituality & the Sacred*. New York: Routledge. 30 pp.

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2. Most Significant Career Research Contributions

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- R Petrina, S. (2007). *Advanced teaching methods for the technology classroom*. Hershey: Information Science, International. (400 pp.)
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3. Other Research Contributions

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- Petrina, S. & Krug, D. (2012). *Technology studies graduate program self-study*. Vancouver: UBC. (84 pp.)
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NOTEWORTHY DISTINCTIONS

Peer Recognition by Scholarly Profile

- a. Dennis Herschbach, *Technology Education: Foundations and Perspectives* (Homewood, IL: American Technical Publishers, 2009). *Petrina is extensively profiled in the chapter titled “Critical and Postmodern Perspectives,” 203-224.
- b. David Barlex, Ed., *Design & Technology -- for the Next Generation* (London: Nuffield Foundation, 2007). *Petrina is profiled among 23 noted educators and philosophers of design & technology. Petrina’s chapter is titled "2020 Vision— On the Politics of Design and Technology."
- c. Barlex, D. (2002). Questioning the design and technology paradigm. *Proceedings of the Design & Technology Association International Research Conference*, London, 12-14 April, pp. 1-10. * Barlex presents “a brief background to the questioning of the design and technology paradigm made by Andy Breckon before using the work of seven acknowledged experts in the field of design and technology education to scrutinise the validity and practicality of this questioning. The experts are David Layton, Richard Kimbell, Robert McCormick, Patricia Murphy, Mike Ive HMI, Malcolm Welch and Stephen Petrina.”