The University of British Columbia

Curriculum Vitae for Faculty Members

Date: 2013/10/21 **Initials**: SAW

1-4. Basic Information

Surname	Wolfman	**First Name**	Steven
Middle Name(s)	Andrew		
Department/School	Computer Science		
Faculty	Faculty of Science		
Present Rank	Sr. Instructor	**Since**	July 1, 2009

5. Education

a) Degrees

Institution	Degree	Subject Area	Dates	
			Start	End
University of Washington	Ph.D.	Computer Science	Jan, 2000	Aug, 2004
University of Washington	M.S.	Computer Science	Sep, 1997	Dec, 1999
Duke University	B.S.E.	Elec Eng & Comp Sci	Sep, 1993	May, 1997

Dissertation: Understanding and Promoting Interaction in the Classroom through Computer Mediated Communication

Supervisor: Richard J. Anderson, Professor, Department of Computer Science & Engineering, University of Washington

6. Employment Record

b) At UBC

Employer	Department	Position	Dates	
			Start	End
The University of British Columbia	Computer Science	Instructor I	Aug, 2004	Apr, 2009
The University of British Columbia	Computer Science	Senior Instructor	Apr, 2009	*current*

7. Leaves of Absence

University, Company or Organization at which Leave was taken	Type of Leave	Dates	
		Start	End
N/A	Parental	Aug 18, 2008	Oct 24, 2008
N/A	Medical	May 7, 2011	Sep 3, 2011
UBC	Sabbatical	Sep 1, 2012	Aug 31, 2013

8. Teaching & Supervision

b) Courses Taught at UBC

Session	Course	Enrollment	Hours Taught per Week			
			Lecture	Tutorial	Lab	Office Hrs
Winter 2 2013-2014	CPSC 121: Models of Computation	133 (expected)	3	0	0	2.5 (expected)
Winter 2 2013-2014	CPSC 221: Data Structures and Algs	47 (expected)	3	0	0	2.5 (expected)
Winter 2 2013-2014	CPSC 490: Large-Scale Machine Learning & Big Data (faculty sponsor)	8 (expected)	0	0	0	0
Winter 1 2013-2014	CPSC 311: Definition of Programming Languages	76 (expected)	3	0	0	3 (expected)
Summer 2 2013	CPSC 121: Models of Computation	55	7.5	0	0	6
Winter 2 2011-2012	CPSC 101: Connecting with CS	86	3	0	0	2
Winter 2 2011-2012	CPSC 221: Data Structures and Algs	68	3	0	0	2
Winter 1 2011-2012	CPSC 121: Models of Computation	132	3	0	0	2.5
Winter 1 2011-2012	CPSC 311: Definition of Programming Languages	50	3	0	0	2.5
Winter 2 2010-2011	CPSC 121: Models of Computation (Sections 203 and BCS)	93	3	0	0	2
Winter 2 2010-2011	CPSC 221: Data Structures and Algs	76	3	0	0	2
Winter 2 2010-2011	CPSC 490: Topics & Methods in CS Education (faculty sponsor)	6	0	0	0	0
Winter 1 2010-2011	CPSC 311: Definition of Programming Languages	39	3	0	0	3.5
Winter 2 2009-2010	CPSC 320: Intermediate Algorithm Design and Analysis	79	3	0	0	4
Winter 1 2009-2010	CPSC 121: Models of Computation	111	3	0	0	3
Winter 1 2009-2010	CPSC 221: Data Structures and Algs	62	3	0	0	3
Winter 2 2008-2009	CPSC 121: Models of Computation (Section BCS)	21	3	0	0	2.5
Winter 2 2008-2009	CPSC 121: Models of Computation (Section 202)	89	3	0	0	2.5
Winter 2 2007-2008	CPSC 121: Models of Computation	67	3	0	0	2
Winter 2 2007-2008	CPSC 313: Computer Hardware and Operating Systems	78	3	0	0	2

Session	Course	Enrollment	Hours Taught per Week			
			Lecture	Tutorial	Lab	Office Hrs
Winter 1 2007-2008	CPSC 101/WMST 201: Connecting with CS	106	3	0	0	2.5
Winter 1 2007-2008	CPSC 344: Intro to HCI Methods	46	2	0	0	2.5
Winter 2 2006-2007	CPSC 101: Connecting with CS	129	3	0	0	3
Winter 1 2006-2007	CPSC 322: Intro Artificial Intelligence	93	3	0	0	2
Winter 1 2006-2007	CPSC 111: Intro to Computation	144	3	0	0	2
Summer 1 2006	CPSC 101: Connecting with CS	51	7.5	0	0	4
Winter 2 2005-2006	CPSC 121: Models of Computation	87	3	0	0	2
Winter 2 2005-2006	CPSC 111: Intro to Computation	82	3	0	0	2.5
Winter 1 2005-2006	CPSC 311: Intro Prog Languages	45	3	0	0	2
Winter 1 2005-2006	CPSC 111: Intro to Computation (BCS section)	21	3	0	0	1.5
Summer 1 2005	CPSC 221: Data Structures and Algs	49	7.5	0	0	2
Winter 2 2004-2005	CPSC 312: Functional & Logic Prog	50	3	0	0	2
Winter 2 2004-2005	CPSC 444: User Interface Design	37	3	0	0	1
Winter 1 2004-2005	CPSC 312: Functional & Logic Prog	44	3	0	0	2
Winter 1 2004-2005	CPSC 111: Intro to Computation (BCS section)	13	3	0	0	2

(c) Graduate Students Supervised and/or Co-Supervised

Role	Student	Degree	Supervisor	Thesis Title	Dates	
					Start	End
Second Reader	Juliette Link	M.Sc. (CS)	Joanna McGrenere and Kellogg Booth	TBD	Aug 2013	Oct 2013 (expected)
Second Reader	Matthew Pan	M.A.Sc. (Mech E)	Karon Maclean and Elizabeth Croft	An Exploration of a Haptic Affect Loop Through Use Cases	Oct 2011	Oct 2012
Committee Member	Joel Lanir	Ph.D. (CS)	Kellogg Booth	Presentation Tools for High-Resolution and Multiple Displays	Jan 2007	Sep 2009
Second Reader	Yamin Htun	M.Sc. (CS)	Kellogg Booth and Joanna McGrenere	The Annotator's Perspective on Co-Authoring with Structured Annotations	Jun 2007	Sep 2007
Second Reader	Qixing Zheng	M.Sc. (CS)	Joanna McGrenere	Structured Annotations to Support Collaborative Writing Workflow	Mar 2005	Dec 2005
Second Reader	Joseph Luk	M.Sc. (CS)	Karon MacLean	Using Haptics to Address Mobile Interaction Design Challenges	Oct 2005	Jul 2006

(c.2) Undergraduate Students Supervised

Étienne Hossack, Directed Studies student, Sep 2013–*current*.
Best Practices for Teaching Assistant Staff Meetings

Ennas Abdussalam, Directed Studies student, Sep 2013–*current*.
Development of Concept Inventory Questions for Dynamic Programming

Kuba Karpierz, Undergraduate Research Assistant, Oct 2012–*current*.
"Dictionary Wars": An Inverted, Leaderboard-Driven Project for Learning Dict. Data Structures
Poster Presenter, SIGCSE 2013 Symposium on Computer Science Education

Dina Bulfone, Integrated Sciences Program Advisee, Sept 2012–*current*.

Quinton Booher, Integrated Sciences Program Advisee, Sept 2011–*current*.

James Mau, Integrated Sciences Program Advisee (Honours), July 2011–*current*.

Tyler Nelson, Integrated Sciences Program Advisee (Honours), Jan 2009–*current*.

Kevin Brown, Directed Studies student, Jan 2012–April 2012, Knowledge Network website development
Caroline McQuatt, Directed Studies student, Jan 2012–April 2012, eCommerce textbook prototype
These were part of a pilot collaboration with Kim Voll at the Centre for Digital Media for BCS students to gain hands-on experience on interdisciplinary, interactive media projects.

Nicholas Chow and Adrian Lindsay, Directed Studies students, May 2012–Jan 2013.
Report on HTML5/Javascript 2D Animation Techniques

Stephanie Van Dyk, Honours Thesis (CPSC 449), Apr 2012–Apr 2013 (primary supervisor: Ron Garcia),
Static Analysis of Multi-stage Programming Languages.

Arianne Dee, Undergraduate Research Assistant, June 2011-August 2011

Democracy and Computer Science.
(Arianne created and managed an annotated bibliography on the subject.)

Elizabeth Patitsas, Integrated Sciences Program Advisee (Honours), Sep 2008–Apr 2011.

Elizabeth Patitsas, CPSC 121 lab development and research, Jan 2009–Apr 2011.

Christopher Head, Undergraduate Academic Assistant, 2006/2007 Winter 1-2007/2008 Winter 2,
Flexible Framework for Creative, Collaborative Introductory CS Assignments.
Presenter, SIGCSE 2008 Symposium on Computer Science Education

Elizabeth Patitsas, Science One project (co-supervised w/Mark MacLean), 2007/8 Winter Term 2,
O(n lg n) Insertion Sort using Library Sort.

Wei "Athena" Li , Directed Studies Thesis (CPSC 448), 2007 Summer-2007/2008 Winter Term 1,
The Insides of vPortfolio's Successful Debut.

Piam Kiarostami & Lisa Frey (co-supervised w/Anne Condon), Undergrad Academic Assts, 2007 Summer,
CPSC 101 Curriculum Development

Erica Huang, Honours Thesis (CPSC 449), 2005/6 Winter Term 1-2005/6 Winter Term 2,
Mobile Phone Keypad Design for Fast Chinese Text Entry by Phonetic Spelling.
Winner Best Undergraduate Research, Grace Hopper 2006 ACM Student Research Competition
3rd place (undergraduate category), 2006-2007 ACM Student Research Competition Grand Finals
Presenter, UBC 2006 Multidisciplinary Undergraduate Research Program & Competition

Tian Lim, Co-op/URA, 2005 Summer-2005/6 Winter Term 2,
Presenter-On-Paper: The Camera Phone as an In-Class Educational Technology Tool.
Presenter, UBC 2006 Multidisciplinary Undergraduate Research Program & Competition

(e) Visiting Lecturer (indicate university/organization and dates)

Co-Instructor, CSE142 Introduction to Programming — UW, Seattle, WA — 2001
Taught a class section of over 200 students (one of two sections). Shared all other course duties including managing 19 TAs and other staff. Representative materials and reviews available upon request. Overall student rating: 4.54/5.0 (weighted rating: 4.94). URL:
http://www.cs.washington.edu/education/courses/cse142/01sp/

Instructor, CSE326 Data Structures and Algorithms — UW, Seattle, WA — 2000
Taught a class of 55 students. Designed syllabus, delivered lectures, managed staff (two TAs), and performed all other duties of instruction. Representative materials and reviews available upon request. Overall student rating: 4.94/5.0. URL:
http://www.cs.washington.edu/education/courses/cse326/00wi/

9. Scholarly & Professional Activities

(a) Areas of special interest and accomplishments

Human-computer interaction, artificial intelligence, Computer Science pedagogy, educational technology

(b) Research or equivalent grants

Granting Agency	Project Title	COMP	Amount	Years		Principal Investigator	Co-Investigators
				Start	End		
CWSEI-CS	The Foundations of Computing Stream: Assessing and Adapting	N	$25,000	2012	2013	Steven Wolfman	
CWSEI-CS	A Scalable, Exploratory, Personalized Data Structures Project	N	$3000	2012	2012	Steven Wolfman	
CWSEI-CS	Action Research in CPSC 121 Labs	N	$1600	2011	2011	Steven Wolfman	
Jade Project	A First Conference for Undergraduate CS Students	C	$3700	2007	2008	Steven Wolfman	
Skylight, UBC CS	Flexible Framework for Creative, Collaborative Introductory CS Assignments	C	$5770	2007	2008	Steven Wolfman	
Skylight, Jade Project	A Modular Approach to Connecting With Computer Science	C	$5000	2007	2008	Steven Wolfman	Anne Condon
Skylight, UBC CS	vPortfolio – enhancing student learning through video portfolios	C	$5057	2006	2008	Steven Wolfman	Paul Carter, Kurt Eiselt, Gayle Mavor
UBC Institute for the Scholarship of Teaching and Learning	Research Collaboration Project: Retaining Women in Computer Science	C	~$12000	2006	2007	Steven Wolfman	Joanne Nakonechny, Michele Ng
Skylight, UBC CS	Computer Science Outreach and Curriculum Development	C	$4600	2006	2007	Paul Carter	Giuliana Villegas, Kurt Eiselt, Steven Wolfman, Michele Ng
UBC Teaching & Learning Enhancement Fund	Pioneering Team Based Learning and Studio Methods in Computer Science	C	$41,217	2006	2007	Joanna McGrenere	Kellogg Booth, Giuseppe Carenini, Cristina Conati, Karon MacLean, Ron Rensink, Steven Wolfman
Skylight, Jade Project, UBC CS	“What to Do with a CS Education” Speaker Series	C	$2250	2005	2006	Steven Wolfman	Michele Ng
SIGCSE Outreach Project Grant	Kinesthetic Learning Activities	C	$1000	2005	2005	Rebecca Bates, Steven Wolfman	

(d) Invited Presentations

WCCCE 2013: "A Pattern Language for Instructional Techniques?" (invited panelist)
Moderator: Joseph Fall. With Michael Kölling (replacing Patricia Lasserre), Diana Cukierman, and Rick Gee. WCCCE'13: Western Canadian Conference on Computing Education. North Vancouver, BC. May 2013.

"Developing a Formative Assessment of Instruction for the Foundations of Computing Stream" (invited talk)
University of Washington Center for Engineering Learning & Teaching. Seattle, WA. Apr 2013.

"Developing a Formative Assessment of Instruction for the Foundations of Computing Stream" (invited talk)
University of Toronto CS Department. Toronto, ON. Feb 2013.

E-volving Democracy and Online Voting:
"A Computer Scientist's Assessment of Online Voting" (invited panelist)
Community forum sponsored by FairVoting BC and Party X. Vancouver, BC. May 2012.

New Educators Roundtable
(ACM-sponsored workshop; invited panelist)
With Julie Zelenski (moderator), Dave Reed (moderator), Varie Barr, Susan Haller, and Stuart Reges. SIGCSE'11: ACM Technical Symposium on Computer Science Education. Dallas, TX, USA. Mar 2011.

UBC Learning Conference 2008: "Learning Goals Symposium" (invited panel)
University of British Columbia. Vancouver, BC. Oct 2008.

UBC Skylight Science Supper: "Teaching Assumptions: Just Click Here." (invited panel)
University of British Columbia. Vancouver, BC. Jan 2008.

University of Washington "Exploring Faculty Careers in Higher Education" Seminar: Faculty Panel: Advice For and From New faculty (invited panel)
University of Washington. Seattle, USA. May 2006.

Beyond "Chalk and Talk": Using Tablet PCs to Engage Students and Improve Student Understanding (invited talk)
Duke 2006 Instructional Technology Showcase. Durham, USA. Apr 2006.

SIGCSE 2006: "Nifty Assignments" (invited/peer-reviewed panelist)
Moderator: Nick Parlante. With Stuart Reges and Eric Roberts. SIGCSE'06: Technical Symposium on Computer Science Education. Houston, USA. Mar 2006.
http://nifty.stanford.edu/

The Learning Experience Project — Using Tablet PCs and Conferencing to Change the Classroom (invited talk and demonstration)
With Jay Beavers and Loring Holden. Microsoft Research Faculty Summit Plenary Session. Redmond, USA. Jul 2003.

Interaction/Use of Small Groups in Large Classes (invited panelist)
With Ann Baker on panel: "Interacting with Students in Large Classes". UW Center for Instructional Development and Research, Quarterly Forum. Seattle, USA. October 2002.

Motivating Active and Group Learning (invited panelist)
With Laurie Murphy, Kenneth Blaha, Tammy VanDeGrift, and Carol Zander on panel: "Active and Cooperative Learning Techniques for the Computer Science Classroom". CCSC-NW'02: Consortium for Computing Sciences in Colleges, Northwest Region. Seattle, USA. Oct 2002. (Notes published in *Journal of Computing Sciences in Colleges* 18(2):92–94, Dec 2002.)

(e) Other Presentations

TechTrek: "A Computer Scientist's View of Online Voting" (local invited speaker)
University of British Columbia CS Department. Vancouver, BC. Feb 2013.

Honours Seminar: "Computational Democracy: Investigating the Interplay of CS and Elections" (local invited speaker)
University of British Columbia CS Department. Vancouver, BC. Oct 2011.

Changing the Culture of Science Education at a Major Research University
(peer-reviewed "expert panel" session; panelist)
With Brett Gilley (moderator), Jared Taylor, George Spiegelman, Sara Harris, and Benjamin Yu. IUT'09: Improving University Teaching. Burnaby, BC, Canada. July 2009.

New Paradigms for Introductory Computing Courses
(peer-reviewed birds-of-a-feather session; moderator)
With Heidi Ellis, Charles Kelemen, and Curt White. SIGCSE'07: Technical Symposium on Computer Science Education. Covington, KY, USA. Mar 2007.

New Paradigms for Introductory Computing Courses (peer-reviewed panel)
With Elliot Koffman (moderator), Heidi Ellis, Charles Kelemen, and Curt White. SIGCSE'07: Technical Symposium on Computer Science Education. Covington, KY, USA. Mar 2007.

Kinesthetic Learning in the Classroom (peer-reviewed workshop)
With Andrew Begel and Daniel D. Garcia. SIGCSE'06: Technical Symposium on Computer Science Education. Houston, USA. Mar 2006.

Kinesthetic Learning in the Classroom (peer-reviewed special session)
With Rebecca Bates. CCSC-NW'05: Consortium for Computing Sciences in Colleges, Northwestern Conference. Bothell, WA, USA. Oct 2005.

Kinesthetic Learning in the Classroom (peer-reviewed workshop)
With Andrew Begel and Daniel D. Garcia. SIGCSE'05: Technical Symposium on Computer Science Education, page 566. St. Louis, USA. Feb 2005.

Kinesthetic Learning in the Classroom (peer-reviewed special session)
With Andrew Begel and Daniel D. Garcia. SIGCSE'04: Technical Symposium on Computer Science Education, pp. 183–184. Norfolk, USA. Mar 2004.

A Real-Time, Unobtrusive, and Contextual Feedback System for the Classroom
(peer-reviewed doctoral consortium)
Presentation as a member of the Doctoral Consortium of SIGCSE'02: Technical Symposium on Computer Science Education. Cincinnati, USA. Feb 2002

(g) Conference Participation (Organizer, Keynote Speaker, etc.)

Associate Program Chair, SIGCSE Technical Symposium on CS Education 2014
Volunteer Coordinator, SIGCSE Technical Symposium on CS Education 2014
Volunteer Coordinator (w/Pam Cutter) and member of the conference organizing committee. Mar 2014.

Volunteer Coordinator, SIGCSE Technical Symposium on CS Education 2013
Volunteer Coordinator (w/Steven Huss-Lederman) and member of the conference organizing committee. Mar 2013.

Symposium Co-Chair, SIGCSE Technical Symposium on CS Education 2010
Symposium Chair (w/Gary Lewandowski) and member of the conference organizing committee. Mar 2010.

Program Co-Chair, SIGCSE Technical Symposium on CS Education 2009
Program Chair (w/Gary Lewandowski) and member of the program committee and conference organizing committee. Mar 2009.

Workshops Coordinator, SIGCSE Technical Symposium on CS Education 2008
Workshop Coordinator and member of the program committee and conference organizing committee. Mar 2008.

Judge, Grace Hopper 2006 ACM Student Research Competition
Judge for the graduate student division (posters and semi-finalist presentations) of the Student Research Competition at the Grace Hopper Celebration of Women in Computing. Oct 2006.

Volunteer Coordinator, SIGCSE Technical Symposium on CS Education 2006
Volunteer Coordinator (w/Lisa Kaczmarczyk) and member of the conference organizing committee: recruited, managed, and organized a team of more than 60 volunteers to provide support for the premier Computer Science Education conference with more than one thousand attendees. Feb 2006.

Keynote Panelist, University of Washington TA Conference 2003
Presented a talk entitled "Teaching to Inspire, a Pyramid Scheme that Works" and participated on Q&A panel for audience of all new UW graduate TAs. Sep 2003.

10. Service to the University

(a) Memberships on committees, including offices held and dates

Departmental:

2013-*current* **Outreach Committee**
2011-*current* **BCS Second Degree Program Director** (sabbatical hiatus 2012-2013)
2011-*current* **TA Operations Working Group** (sabbatical hiatus 2012-2013)
2010-*current* **TA Assignment Coordinator** (sabbatical hiatus 2012-2013)
2011-2012 **Ugrad Student Services Working Group**
2010-2012 **CPSC Advisor**
2010-2012 **Student Development Committee**
2010-2011 **Merit Committee**
2008-2010 **CS-Science Education Initiative Committee**
2008-2009 **Merit Committee**
2007-2009 **CS Liaison to Carl Wieman Science Education Initiative**
2008 **CS-Science Education Initiative Committee (Chair)**
2006-2007 ***ad hoc* CS Carl Wieman Science Education Initiative Committee**
2006-2008 ***ad hoc* CPSC 101 Curriculum Revision Group**
2005-2007 **Communications Committee (Chair)**
2005-2007 **Focus on Women in Computing Committee**
2005-2006 ***ad hoc* High School Outreach Committee**

Faculty:

2013-*current* **Faculty of Science Killam Teaching Award Selection Committee**
2008-*current* **Integrated Sciences Program Advisor**
2011-2012 **Faculty of Science Killam Teaching Award Selection Committee**
2010-2011 **Faculty of Science Killam Teaching Award Selection Committee**
2007-2008 **Faculty of Science Killam Teaching Award Selection Committee**

University of Washington, Departmental, Graduate Student Committees:

2002 **Graduate Admissions**
2001 **Graduate Student Recruiting (chair)**
1999 **Graduate Student Orientation (chair)**
1998 **Graduate Student Orientation**

(b) Other service, including dates

2013 **UBC Faculty of Science "Meet Your Profs" Event (participant)**
2013 **UBC CS TA Orientation (presenter)**
2013 **UBC CS Imagine Presentation (faculty presenter)**
2012 **UBC CS Town Halls (panelist)**
2012 **UBC Blackboard CMS Pilot Group (member, CPSC 101)**
2012 **UBC CS TA Panel and TA Lunches (organizer)**
2012 **UBC Faculty of Science "Beyond First Year" (CPSC representative)**
2011 **UBC Combined Science Program Imagine Presentation (faculty presenter)**
2011 **UBC Faculty of Science "Meet Your Profs" Event (participant)**

2011	**UBC CS TA Panel (organizer and moderator)**
2011	**UBC CS Representative to Port Moody Regional Career Fair**
2011	**UBC CS Town Halls (panelist)**
2010	**UBC Faculty of Science "Meet Your Profs" Event (participant)**
2010	**Teaching mentor to Frank Hutter for CPSC 322, 2010W2**
2009	**UBC CS Imagine Presentation (faculty presenter)**
2008	**UBC Faculty of Science "Meet Your Profs" Event Participant**
2008	**UBC LEAD Educational Initiative Participant**
2007	**UBC CS Imagine Presentation (faculty organizer and presenter)**
2007	**Teaching mentor to KangKang Yin for CPSC 101, Summer 2007**
2007	**HCI/Industry Colloquium (Organizer and Master of Ceremonies)**
2007	**CS Representative to Science Ugrad Society Events, including "Meet the Profs"**
2006-2007	**Mentor for UBC CPSC Tri-Mentoring Program**
2005-2007	**CS 111 Challenge Exam (designed, invigilated, & marked)**
2006	**UBC CS Undergraduate Welcome Ceremony (Master of Ceremonies)**
2006	**UBC CS Prospective Undergraduate Visit Day (volunteer organizer)**
2006-2007	**UBC CS CSSS/CSGSA Industry Panel (Master of Ceremonies)**
2006	**UBC CS February Discovery Forum (Master of Ceremonies)**
2005-2006	**Mentor for UBC CPSC Tri-Mentoring Program**
2005-2006	**Various High School Outreach Presentations**
2005-2006	**UBC CS ChicTech Program for K-12 Girls in CS (co-organizer)**
2005-2006	**UBC CS Alumni Panel Series (co-organizer & Master of Ceremonies)**
2005	**UBC CS Imagine Presentation (co-organizer & co-presenter)**
2005	**UBC CS Undergraduate Welcome Ceremony (organizer & Master of Ceremonies)**

11. Service to the Community

(a) Memberships on scholarly societies, including offices held and dates

ACM	**Member (Senior Member, 2011-*current*)**
ACM SIGCSE	**Member**
ACM SIGCHI	**Member**

(f) Reviewer (journal, agency, etc. including dates)

2013	**CHI** (Human Factors in Computing); **1 note refereed**
2013	**ITiCSE** (Innovation and Technology in CS Education); **2 papers refereed**
2013	**SIGCSE** (Computer Science Education SIG); **2 papers, 1 panel refereed**
2007-present	**CSEJ** (Computer Science Education Journal); **member of editorial board**
2012	**WCCCE** (Western Canadian Conf on Computing Ed); **3 papers refereed**
2012	**SIGCSE** (Computer Science Education SIG); **2 papers, 1 special session refereed**
2011	**WCCCE** (Western Canadian Conf on Computing Ed); **1 paper refereed**
2011	**SIGCSE** (Computer Science Education SIG); **3 papers refereed**
2010	**CHI** (Human Factors in Computing); **1 paper refereed**
2009	**WCCCE** (Western Canadian Conf on Computing Ed); **2 papers refereed**
2009	**ITiCSE** (Innovation and Technology in CS Education); **2 papers refereed**
2008	**UbiComp** (Int'l Conf on Ubiquitous Computing); **1 paper refereed**
2007	**JERIC** (Journal on Educational Resources in Computing); **1 paper refereed**

2007	**ICER** (Int'l Computing Education Research Workshop); **1 paper refereed**
2007	**ITiCSE** (Innovation and Technology in CS Education); **3 papers refereed**
2007	**CHI** (Human Factors in Computing); **2 papers refereed**
2007	**SIGCSE** (Computer Science Education SIG); **4 papers refereed**
2006	**SIGCSE** (Computer Science Education SIG); **3 papers refereed**
2006	**ITiCSE** (Innovation and Technology in CS Education); **2 papers refereed**
2005	**FIE** (Frontiers in Education); **3 papers refereed**
2005	**ITiCSE** (Innovation and Technology in CS Education); **4 papers refereed**
2005	**CHI** (Human Factors in Computing); **1 paper refereed**

12. Awards and Distinction

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

ACM Senior Membership, 2011
(Awarded to ACM members "who have demonstrated performance that sets them apart from their peers".)

UBC CPSC Incredible Instructor Award, 2010W1
(Awarded annually by the department to approximately four faculty.)

2006/2007 Faculty of Science Killam Prize for Excellence in Teaching
(Awarded annually by the UBC Faculty of Science to ~three faculty in Science.)

UBC CPSC Incredible Instructor Award, 2004-2006
(Awarded annually by the department to approximately four faculty.)

University of Washington Excellence in Teaching Award, 2002
(Awarded annually by the President of the UW to two graduate TAs.)

College of Engineering Teaching Assistant Recognition Award, 2002
(Awarded annually by a committee of UW Engineering faculty to one TA.)

University of Washington Undergraduate ACM Teaching Award, 2000

The University of British Columbia

Publications Record

Steven Andrew Wolfman **Date**: 2013/10/21 **Initials**: SAW

1. Refereed Publications

(a) Journals

An Observational Study of Dual Display Usage in University Classroom Lectures
Joel Lanir, Kellogg S. Booth, Steven A. Wolfman. *Human-Computer Interaction Journal*., Vol. 28(4):335–337, 2013.

A Study of Diagrammatic Ink in Lecture
Richard Anderson, Ruth Anderson, Crystal Hoyer, Craig Prince, Jonathan Su, Fred Videon, Steven Wolfman. *Computers & Graphics*, Vol. 29(4): 480–489, 2005.

Programming by Demonstration using Version Space Algebra
Tessa Lau, Steven A. Wolfman, Pedro Domingos, and Daniel S. Weld. *Machine Learning*, Vol. 53(1–2): 111–156, 2003.

Combining Linear Programming and Satisfiability Solving for Resource Planning
Steven A. Wolfman and Daniel S. Weld. *The Knowledge Engineering Review*, Vol. 16(1):85–99, 2001.

(b) Conference Proceedings: Papers

(* starred header indicates presented by Steven Wolfman; most papers use alphabetical author order)

Misconceptions and Concept Inventory Questions for Hash Tables and Binary Search Trees
Kuba Karpierz and Steven A. Wolfman. SICGSE'14: Technical Symposium on Computer Science Education. Atlanta, GA, USA. March 2014. (39% acceptance rate)

Effective Closed Labs in Early CS Courses: Lessons from Eight Terms of Action Research
Elizabeth A. Patitsas and Steven A. Wolfman. SICGSE'12: Technical Symposium on Computer Science Education, pp. 637–642. Raleigh, NC, USA. March 2012. (31% acceptance rate)

Creating a Peer Teaching Network to Promote Informal, Cross-Disciplinary and Formative Instructional Skill Development
Jack T. Lee, Leah P. Macfadyen, Sara Harris, Steven Wolfman. IUT'09: 34th International Conference on Improving University Teaching. Burnaby, BC, Canada. July 2009.

Pedagogical Transformations in the UBC CS Science Education Initiative
Donald Acton, Kimberly Voll, Steven Wolfman, and Benjamin Yu. WCCCE'09: Western Canadian Conference on Computing Education. Burnaby, BC, Canada. May 2009.

Poogle and the Unknown-Answer Assignment: Open-Ended, Sharable CS1 Assignments
Christopher C. D. Head and Steven A. Wolfman. SICGSE'08: Technical Symposium on Computer Science Education, pp. 133–137. Portland, OR, USA. March 2008. (31% acceptance rate)

Speech, Ink, and Slides: The Interaction of Content Channels
Richard Anderson, Crystal Hoyer, Craig Prince, Jonathan Su, Fred Videon, and Steve Wolfman, pp. 796–803. MM'04: ACM International Conference on Multimedia. New York, USA. October 2004. (17% acceptance rate)

***A Study of Digital Ink in Lecture Presentation**
Richard J. Anderson, Ruth Anderson, Crystal Hoyer, Steven A. Wolfman. Long Paper, CHI'04: Human Factors in Computing Systems, pp. 567–574. Vienna, Austria. Apr 2004. (16% acceptance rate)

Experiences with a Tablet PC Based Lecture Presentation System in Computer Science Courses
Richard Anderson, Ruth Anderson, Beth Simon, Steven A. Wolfman, Tammy VanDeGrift, and Ken Yasuhara. SIGCSE'04: Technical Symposium on Computer Science Education, pp. 56–60. Norfolk, USA. Mar 2004. (28% acceptance rate)

***Promoting Interaction in Large Classes with Computer-Mediated Feedback**
Richard J. Anderson, Ruth Anderson, Tammy VanDeGrift, Steven A. Wolfman, and Ken Yasuhara. Short Paper, CSCL'03: Computer Support for Collaborative Learning, pp. 119–123. Bergen, Norway. Jun 2003. (30% acceptance rate; 25% as long papers & 5% as short papers)

***Interaction Patterns with a Classroom Feedback System: Making Time for Feedback**
Richard J. Anderson, Ruth Anderson, Tammy VanDeGrift, Steven A. Wolfman, and Ken Yasuhara. Interactive Poster, CHI'03: Human Factors in Computing Systems. Ft. Lauderdale, USA. Apr 2003. (38% acceptance rate among interactive posters)

***Making Lemonade: Exploring the Bright Side of Large Lecture Courses**
Steven A. Wolfman. SIGCSE'02: Technical Symposium on Computer Science Education, pp. 257–261. Cincinnati, USA. Feb 2002. (31% acceptance rate)

***Mixed Initiative Interfaces for Learning Tasks: SMARTedit Talks Back**
Steven A. Wolfman, Tessa Lau, Pedro Domingos, and Daniel S. Weld. IUI'01: Intelligent User Interfaces, pp. 167–174. Santa Fe, USA. Jan 2001. (32% acceptance rate)

***The LPSAT Engine & Its Application to Resource Planning**
Steven A. Wolfman and Daniel S. Weld. IJCAI'99: International Joint Conference on Artificial Intelligence, pp. 310–316. Stockholm, Sweden. Aug 1999. (26% acceptance rate)

(c) Other: Conference Posters/Abstracts and Workshop Publications

"Dictionary Wars": An Inverted, Leaderboard-Driven Project for Learning Dictionary Data Structures (poster)
Kuba Karpierz, Joel Kitching, Brendan Shillingford, Elizabeth Patitsas, and Steven Wolfman. SIGCSE'13: Technical Symposium on Computer Science Education. Denver, CO, USA. March 2013. (51% acceptance rate)

Revitalizing Labs: Lessons from 2.5 Years of Iterative Development and Assessment of Digital Logic Labs (poster)
Elizabeth Patitsas, Steven Wolfman, and Meghan Allen. SIGCSE'11: Technical Symposium on Computer Science Education. Dallas, TX, USA. March 2011. (73% acceptance rate)

An Issue of Identity: Women in Computer Science (concurrent session)
Suzanna Huebsch, Joanne Nakonechny, Michele Ng, and Steven Wolfman. 28th Annual Society for Teaching and Learning in Higher Education Conference. Winsdor, ON. June 2008.

A Survey of Practices, Effort, and Outcomes in UBC CS's Recruitment and Retention Programs (poster)
Pooja Viswanathan, Christine Kwan, Michele Ng, and Steven Wolfman. SICGSE'08: Technical Symposium on Computer Science Education, pp. 133–137. Portland, OR, USA. March 2008. (75% acceptance rate)

Understanding Diagrammatic Ink in Lecture (workshop paper)
Richard Anderson, Ruth Anderson, Crystal Hoyer, Craig Prince, Jonathan Su, Fred Videon and Steve Wolfman. AAAI Fall Symposium 2004 Workshop on Making Pen-Based Interaction Intelligent and Natural, pp. 22–28. Washington, D.C. October 2004.

Lecture Presentation from the Tablet PC (workshop paper)
Richard Anderson, Ruth Anderson, Crystal Hoyer, Beth Simon, Fred Videon, and Steve Wolfman. WACE'03: Workshop on Advanced Collaborative Environments. Seattle, USA. Jun 2003.

Activating Computer Architecture with Classroom Presenter (workshop paper)
Beth Simon, Richard Anderson, and Steve Wolfman. WCAE'03: Workshop on Computer Architecture Education. San Diego, USA. Jun 2003.

2. Non-Refereed Publications

(a) Journals

A Modest Laboratory Proposal (Crystals: Shared Teaching and Learning Tips)
Steven Wolfman. *Tapestry*, Issue 55: 8–9, 2009. (UBC Teaching and Academic Growth magazine)

Valuable Advice for Yourself and Others (Crystals: Shared Teaching and Learning Tips)
Steven Wolfman. *Tapestry*, Issue 53: 26–27, 2008. (UBC Teaching and Academic Growth magazine, taped as a video article and featured article on TAG website, 2009.)

(b) Conference Proceedings: Papers

Automatically Personalizing User Interfaces (invited paper)
Daniel S. Weld, Corin Anderson, Pedro Domingos, Oren Etzioni, Krzysztof Gajos, Tessa Lau, and Steve Wolfman. IJCAI'03: International Joint Conference on Artificial Intelligence. Acapulco, Mexico. Aug 2003.

Research on Statistical Relational Learning at the University of Washington (invited workshop paper)
P. Domingos, Y. Abe, C. Anderson, A. Doan, D. Fox, A. Halevy, G. Hulten, H. Kautz, T. Lau, L. Liao, J. Madhavan, Mausam, D. Patterson, M. Richardson, S. Sanghai, D. Weld and S. Wolfman. IJCAI'03 Workshop on Learning Statistical Models from Relational Data. Acapulco, Mexico. Aug 2003.

Classroom Presentation from the Tablet PC (invited poster)
Richard J. Anderson, Ruth Anderson, Tammy VanDeGrift, Steven A. Wolfman, and Ken Yasuhara. ITiCSE'03: Innovation and Technology in Computer Science Education. Thessaloniki, Greece. Jun–Jul 2003.

(c) Other: Conference Posters/Abstracts and Other Publications

"Dictionary Wars": An Inverted, Leaderboard-Driven Project for Learning Dictionary Data Structures (invited poster)
Kuba Karpierz, Joel Kitching, Brendan Shillingford, Elizabeth Patitsas, Steven Wolfman. CWSEI EOY'13: Carl Wieman Science Education Initiative, End-of-Year Event. Apr 2013.

Developing a Formative Assessment of Instruction for the Foundations of Computing Stream (invited poster)
Steven Wolfman. CWSEI EOY'13: Carl Wieman Science Education Initiative, End-of-Year Event. Apr 2013.

Effective Closed Labs in CPSC 121: Lessons from Eight Terms of Action Research (invited poster)
Steven Wolfman, Elizabeth Patitsas. CWSEI EOY'12: Carl Wieman Science Education Initiative, End-of-Year Event. Apr 2012.

Planning Assessment for a Game-Like, Highly Reusable Data Structures Assignment (invited poster)
Steven Wolfman. CWSEI EOY'12: Carl Wieman Science Education Initiative, End-of-Year Event. Apr 2012.

Teaching-Oriented Faculty at Research Universities (lightly reviewed article)
SIGCSE Teaching-Oriented Faculty Working Group (Steve Wolfman, Owen Astrachan, Mike Clancy, Kurt Eiselt, Jeffrey Forbes, Diana Franklin, David Kay, Mike Scott, and Kevin Wayne). Commun. ACM 54, 11 (November 2011), 35-37.

Revitalizing Labs: Lessons from 2.5 Years of Iterative Development and Assessment of Digital Logic Labs (invited poster)
Elizabeth Patitsas, Steven Wolfman, Meghan Allen. CWSEI EOY'11: Carl Wieman Science Education Initiative, End-of-Year Event. Apr 2011.

Adaptation of JiTT in CPSC 121 (invited poster)
Steven Wolfman. CWSEI EOY'10: Carl Wieman Science Education Initiative, End-of-Year Event. Apr 2010.

Revising an Introductory Computer Science Course: Exploratory Labs, Interactive Lectures, and Just-in-Time Teaching (invited poster)
Gwen Echlin, Piam Kiarostami, Elizabeth Patitsas, and Steven Wolfman. CWSEI EOY'09: Carl Wieman Science Education Initiative, End-of-Year Event. Apr 2009.

Promoting Collaborative Learning in Lecture Halls Using Multiple Projected Screens with Persistent and Dynamic Content (technical report)
Joel Lanir, Kellogg Booth, Steven Wolfman. TR 2009-10. Department of Computer Science, University of British Columbia. 2009

Tablet PC and Computing Curriculum (white paper)
Christine Alvarado (USD), Richard Anderson (UW), Ruth Anderson (UVA), Jane Prey (MSR), Beth Simon (UCSD), Joe Tront (VaTech), and Steve Wolfman (UBC). Microsoft Research University Relations Program White Paper. March 2005

3. Books

(b) Edited

SIGCSE'10: Proceedings of the 41st ACM Technical Symposium on Computer Science Education
Gary Lewandowski (General Chair), Steven Wolfman (General Chair), Thomas J. Cortina (Program Chair), and Ellen L. Walker (Program Chair). Milwaukee, WI, USA. Mar 2010.

SIGCSE'09: Proceedings of the 40th ACM Technical Symposium on Computer Science Education
Sue Fitzgerald (General Chair), Mark Guzdial (General Chair), Gary Lewandowski (Program Chair), and Steven Wolfman (Program Chair). Chattanooga, TN, USA. Mar 2009.

(c) Chapters

Learning Repetitive Text-editing Procedures with SMARTedit (invited chapter)
Tessa Lau, Steven A. Wolfman, Pedro Domingos, and Daniel S. Weld. In Lieberman, ed., Your Wish is My Command: Giving Users the Power to Instruct their Software, Morgan Kaufmann, 2001.