

**RACHEL KREMEN  
CURRICULUM VITAE**

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**EDUCATION**

**MIT**

**Knight Science Journalism Fellow**, Sept. 2005 – May 2006

Studied pharmacokinetics, environmental-health science, epidemiology

**Ryerson Polytechnic University**, Sept. 1993 – Aug. 1997

B.A.A. in journalism, Dean's List

**PROFESSIONAL EXPERIENCE**

**Rutgers University**

**Teaching instructor**, Feb. 2017 – Current

**Part-time lecturer**, Sept. 2015 – Jan. 2017

- Redesigned and implemented new curriculum, including innovative games that make abstract concepts practical
- Taught journalism classes at the School of Communications and Information, including Writing for Mass Media, Information Design for Web, Media Publishing and Design, Journalists and Media Ethics

**Freelance**

**Journalist, communications consultant**, July 2008 – Current

- Wrote and edited articles for various clients, including *MIT Technology Review*, *Scientific American*, Sfari.org and the National Institute for Children's Health Quality
- Edited the book *Civic Fusion (2012)*, which was published by the American Bar Association

**Soldering Sunday**

**STEM educator**, Feb 2015 – Dec. 2015

- Working at libraries and private schools across Central New Jersey, I taught children of all ages about electric circuits. Each class was centered around a hands-on activity that brought abstract content to life. Activities ranged from simple LED flowers to more complex, breadboarded circuits using multiple LEDs, resistors and switches. I also helped to develop Arduino-related content for the company.

***MIT Technology Review***

**Online managing editor**, July 2006 – June 2008

- Edited stories from staff and freelance writers

- Planned new multimedia projects for web site, including video blogs and podcasts
- Supervised online staff, managed editorial schedule

### ***Toronto Star***

**Technology reporter, columnist**, Aug. 2000 – Aug. 2005

- Wrote weekly columns about the science and history of everyday products
- Developed feature stories for technology, health and ideas sections
- Reported for the business section on daily deadlines

### **Ryerson University**

**Part-time Lecturer**, Sept. 2004 – Jan. 2005

- As one of the first instructors to teach online journalism at Ryerson University, I played an important part in creating the curriculum, helping freshman develop online journalism skills. During the course, students learned how to write for the Web and basic Web coding. Ultimately, students created their own HTML pages to showcase their work.

### **MSNBC**

**Interactive producer**, Feb. 1999 – Aug. 2000

- Wrote stories for the technology, health and international sections
- Developed original interactive content for MSNBC.com by managing the work of writers, editors, photographers and graphic designers

### **MediaLinx**

**Online producer**, Jan. 1998 – Feb. 1999

- Wrote daily web-site reviews for the leading Canadian ISP
- Analyzed the competition and formulated new content strategies

### ***Toronto Life***

**Online editor**, June 1997 – Nov. 1997

- Produced exclusive online content by coordinating the work of artists, writers and editors
- Coded web pages in HTML and JavaScript, created graphics in Photoshop

## **PROFESSIONAL TRAINING**

**National Institute for Computer-Assisted Reporting**

May 2000

Data journalism training seminar

## **FACT SHEETS, WHITE PAPERS and REPORTS**

Kremen, Rachel. "Simulation-Driven Product Development Fact Sheet." Oct. 30, 2014. SpaceClaim Corporation. October 2014.

Kremen, Rachel. "Early Concept Design." SpaceClaim Corporation. October 27, 2014.

Kremen, Rachel. "Reverse Engineering Fact Sheet." SpaceClaim Corporation. Sept. 19, 2014.

Kremen, Rachel. "Sheet Metal Manufacturing." SpaceClaim Corporation. August 22, 2014.

Kremen, Rachel. "Massachusetts Municipal Paint Survey. February 28, 2014.

Kremen, Rachel. "Solid Waste Management Grant Proposal to USDA." Product Stewardship Institute. January 30, 2014.

Kremen, Rachel. "Tire Stewardship Fact Sheet." Product Stewardship Institute. January 21, 2014.

Kremen, Rachel. "Reducing the Impact of Consumer Products in Nebraska: Final Report to the Nebraska Department of Environmental Quality." January 19, 2014

## **PODCASTS**

Kremen, Rachel. "[Odds Favor Drunk Trauma Victims.](#)" Scientific American, October 1, 2009.

Kremen, Rachel. "[Sugar Negates Worm's Life-Extending Mutation.](#)" Scientific American, November 3, 2009.

Kremen, Rachel. "[Bigger Voter Turnout Gets Better Fish Leader.](#)" Scientific American, November 14, 2008.

Kremen, Rachel. "[Ice Cream Scoop: Full-Fat Facilitates Fertility.](#)" Scientific American, March 1, 2007.

Kremen, Rachel. "[Experience Can Trump Aging In Pilots.](#)" Scientific American, February 27, 2007.

## **NEWSPAPER AND MAGAZINE ARTICLES**

Ross, Rachel. "[A Dexterous Warehouse Robot Does Things Amazon's Automated Helpers Can't.](#)" Technology Review, June 15, 2016.

Ross, Rachel. "[Recycling Workers Vie for Bonuses by Getting Robots to Do the Dirty Work.](#)" Technology Review, May 3, 2016.

Ross, Rachel. "[Open-Source Robots Distributed.](#)" Technology Review, May 27, 2010.

Ross, Rachel. "[Amazon Expands the Kindle with Apps.](#)" Technology Review, January 26, 2010.

Ross, Rachel. "[Cosmetics Testing without Animals.](#)" Technology Review, January 20, 2010.

Ross, Rachel. "[Bringing Color to E-Readers.](#)" Technology Review, January 15, 2010.

Ross, Rachel. "[Next Generation Cell Networks.](#)" Technology Review, January 14, 2010.

Ross, Rachel. "['Emergent' Images to Outwit Spambots.](#)" Technology Review, January 6, 2010.

Ross, Rachel. "[Broadband on Rails.](#)" Technology Review, December 30, 2009.

Ross, Rachel. "[A Tongue-Tracking Artificial Larynx.](#)" Technology Review, December 3, 2009.

Ross, Rachel. "[Microsoft's Many Multitouch Mice.](#)" Technology Review, October 27, 2009.

Ross, Rachel. "[Merging Video with Maps.](#)" Technology Review, October 14, 2009.

Ross, Rachel. "[Light-Switched Drug Delivery.](#)" Technology Review, October 7, 2009.

Ross, Rachel. "[Touchless 3-D Fingerprinting.](#)" Technology Review, September 30, 2009.

Ross, Rachel. "[Predicting Drug Response from Brain Waves.](#)" Technology Review, September 22, 2009.

Ross, Rachel. "[A Device to Spot Autism Early.](#)" Technology Review, September 15, 2009.

Ross, Rachel. "[Flu Data Goes Mobile](#)." Technology Review, September 10, 2009.

Ross, Rachel. "[Catching Fake Meds in a Snapshot](#) ." Technology Review, September 8, 2009.

Ross, Rachel. "[A Better Way to Shoot Down Spam](#)." Technology Review, July 29, 2009.

Ross, Rachel. "[Plugging a Password Leak](#)." Technology Review, December 19, 2008.

Ross, Rachel. "[Improving Prenatal Testing](#)." Technology Review, December 1, 2008.

Ross, Rachel. "[Operating inside a Beating Heart](#)." Technology Review, October 21, 2008.

Ross, Rachel. "[Ensuring Chip Stability](#)." Technology Review, October 8, 2008.

Ross, Rachel. "[Teaching Robots New Tricks](#)." Technology Review, September 29, 2008.

Ross, Rachel. "[Contaminant in Blood Thinner Identified](#)." Technology Review, April 28, 2008.

Ross, Rachel. "Breaking the pasta code; Why does raw spaghetti break into so many pieces? Science finally has the answer." Toronto Star, Aug 21, 2005; p. D.03.

Ross, Rachel. "Getting in Touch: Virtual Maps for the Blind." Scientific American. April 4, 2007.

Ross, Rachel. "Canadian poll finds e-buying on a tear." Toronto Star, Aug 17, 2005; p. B.01.

Ross, Rachel. "E-books' latest bid to send paper packing; Virtual textbooks offered cheaper than hard copies But students worry about controls on access, expiry dates." Toronto Star, Aug 15, 2005; p. C.04.

Ross, Rachel. "Data proving potent as drugs Virtual medicine; Computer databases are cutting costs, helping cure in impoverished nations They manage drugs, enhance treatments, and reveal trends." Toronto Star, Aug 8, 2005; p. C.01.

Ross, Rachel. "Perfect record spoiled." Toronto Star, Aug 3, 2005; p. B.05.

Ross, Rachel. "Why time is out of sync; You'd think something so vital to the planet would be better co-ordinated. Think again." Toronto Star, Jul 24, 2005; p. D.03.

Ross, Rachel. "Cybercrime follows the money, study says." Toronto Star, Jul 6, 2005; p. E.01.

Ross, Rachel. "Visa card with chip to fight fraud on way." Toronto Star, Jun 28, 2005; p. D.01.

Ross, Rachel. "Tiny particles may pose threat Study; Buckyballs can dissolve in water, researchers find Surprise finding raises questions about their use." Toronto Star, Jun 27, 2005; p. C.01.

Ross, Rachel. "The not-so-environmental side of nature; Sea sponges and termites spew out toxins just like a, well, corporation." Toronto Star, Jun 26, 2005; p. D.04.

Ross, Rachel. "University opens chip-testing facility; Works with CMC Microsystems on \$8 million lab First of 4 research centres planned across Canada." Toronto Star, Jun 22, 2005; p. F.03.

Ross, Rachel. "This Hertz gives roaches a lift; Bug-driven cart was devised by Garnet Hertz, 32 And watch out - it's headed for Toronto." Toronto Star, Jun 20, 2005; p. C.03.

Ross, Rachel. "'Optimization' pays but it also costs; Materials better Efficiency boosted." Toronto Star, Jun 13, 2005; p. D.05.

Ross, Rachel. "Growing crop of woe from phishing, pharming; 'Contaminated' emails spiking up, says IBM report." Toronto Star, Jun 13, 2005; p. D.03.

Ross, Rachel. "After Moore's Law expires, a quantum leap." Toronto Star, Jun 5, 2005; p. D.01.

Ross, Rachel. "Extortionists scramble files, demand ransom New online virus scam targets home users." Toronto Star, May 25, 2005; p. E.01.

Ross, Rachel. "Tyrannosaurus treks." Toronto Star, May 9, 2005; p. D.01.

Ross, Rachel. "High-technology help for feeding preemies; Bottle with sensors being designed to help newborns Linked to computer, it assures adequate oxygen supply." Toronto Star, May 2, 2005; p. D.12.

Ross, Rachel. "Strong dollar benefits high-tech industry Report; Purchasing power aids investment Industry accounts for 4% of GDP." Toronto Star, Apr 27, 2005; p. D.12.

Ross, Rachel. "Prenatal surgery." Toronto Star, Apr 25, 2005; p. C.01.

Ross, Rachel. "Online sales up by almost 50%; Internet business hits \$28.3 billion High-speed access key, StatsCan says." Toronto Star, Apr 21, 2005; p. D.02.

Ross, Rachel. "Faster security updates urged; Microsoft timing panned at meeting Corporate threats both inside and out Microsoft timing panned at meet on security network Threats reported outside and inside corporations." Toronto Star, Apr 19, 2005; p. C.03.

Ross, Rachel. "From coast to digital coast." Toronto Star, Apr 11, 2005; p. D.01.

Ross, Rachel. "RIM misses analysts' forecast; Shares take hit in after-hours trade Sales, client gains fail to offset loss." Toronto Star, Apr 6, 2005; p. C.01.

Ross, Rachel. "Beware 'Skull' and cellphone; It's not a question of whether but when viruses come calling Yet wireless providers say they'll be ready." Toronto Star, Mar 21, 2005; p. C.01.

Ross, Rachel. "Studies sound alarm over drug ads; Ads for drugs under fire." Toronto Star, Feb 28, 2005; p. D.01.

Ross, Rachel. "Pfizer sues over Web sales; Lawsuit targets generic Viagra Microsoft joins in legal action." Toronto Star, Feb 11, 2005; p. F.01.

Ross, Rachel. "Firm delivers disguise for laptops; No anchovies, but room for a mouse In the works are regional varieties." Toronto Star, Jan 31, 2005; p. D.02.

Ross, Rachel. "Celestica to cut 5,500 jobs; Company posts quarterly loss of \$810 million U.S. Looks to Asia, Central Europe, Mexico to expand." Toronto Star, Jan 28, 2005; p. F.01.

Ross, Rachel. "McMaster secures research park land; Links academia with industry Camco sells site for \$13 million." Toronto Star, Jan 18, 2005; p. D.01.

Ross, Rachel. "Ellesmere Island gets connected; Region's virtual bridge set to open next month A disconnect that lingers the high cost of computers." Toronto Star, Jan 17, 2005; p. D.04.

Ross, Rachel. "The key to more secure e-messages Encryption." Toronto Star, Jan 17, 2005; p. D.01.

Ross, Rachel. "New fruit at Apple Low-cost Mac Mini; Computer is a bare-bones unit Company launches another iPod." Toronto Star, Jan 12, 2005; p. C.01.

Ross, Rachel. "Taser firm subject of U.S. inquiry; Claims about safety under review Toronto police board debating purchase." Toronto Star, Jan 8, 2005; p. A.21.

Ross, Rachel. "Microsoft joins hunt for viruses; Free software updated monthly Industry veterans watch stock slide." Toronto Star, Jan 7, 2005; p. F.01.

Ross, Rachel. "Robotics firm to give NASA a hand repairing Hubble space telescope; MacDonald, Dettwiler signs \$189 million deal Devices would take place of astronauts." Toronto Star, Jan 6, 2005; p. D.04.

Ross, Rachel. "Sale of 'blog' service raises privacy concerns; Six Apart buys Livejournal firm Diarists threaten to hit delete key." Toronto Star, Jan 6, 2005; p. D.01.

Ross, Rachel. "Toxic Exportation." Toronto Star, Jan 3, 2005; p. D.01.

Ross, Rachel. "Digital child's play; Electronic toys, games can limit a child's imagination, psychologist says But manufacturers contend they're a positive learning experience." Toronto Star, Dec 2, 2004; p. K.01.

Ross, Rachel. "The battle is on for DVD supremacy; 'The battle lines are being drawn'." Toronto Star, Nov 30, 2004; p. A.01.

Ross, Rachel. "Viruses now attack cellphones; McAfee to protect handsets in Japan June bug could be just the beginning." Toronto Star, Nov 18, 2004; p. D.05.

Ross, Rachel. "Doing it all; These phones have the smart stuff." Toronto Star, Nov 11, 2004; p. K.01.

Ross, Rachel. "'Phishers' after you, Net users warned; Scam vaulting ahead at 50% a month Don't give personal data to emailers." Toronto Star, Nov 4, 2004; p. D.07.

Ross, Rachel. "Hacker attacked school computer; Nipissing University records accessed 'Keystroke logger' discovered on server Nipissing computer attacked." Toronto Star, Oct 23, 2004; p. A.01.

Ross, Rachel. "Yahoo taps local ad market in U.S. with search tool; Results are tailored to a user's location Bid to sell more ads to small businesses." Toronto Star, Oct 5, 2004; p. D.04.



Ross, Rachel. "No surgery is the other holy grail." Toronto Star, Sep 27, 2004; p. D.03.

Ross, Rachel. "Rebuilding hearts." Toronto Star, Sep 27, 2004; p. D.01.

Ross, Rachel. "No magic in Dell's formula for success; Think like customer, chairman says But mistakes made along the way." Toronto Star, Sep 22, 2004; p. E.04.

Ross, Rachel. "Rogers fetches Fido for \$1.4 billion; \$35-per-share offer wins backing from Microcell's board Combined network would control 41% of youth market." Toronto Star, Sep 21, 2004; p. D.01.

Ross, Rachel. "World Wide Web links locals MIT Web forged local links; Test site embraced by suburbanites Apartment dwellers had less use for it." Toronto Star, Sep 13, 2004; p. D.01.

Ross, Rachel. "Computer virus villains picking pockets; New breed wants money, not fame Expert says Russians biggest problem." Toronto Star, Sep 8, 2004; p. E.01.

Ross, Rachel. "Fido ads to cost Microcell \$120,000." Toronto Star, Sep 7, 2004; p. E.03.

Ross, Rachel. "Getting the lead out." Toronto Star, Aug 30, 2004; p. D.01.

Ross, Rachel. "Lake outing buoys spirits; Foundation treats 33 seriously ill children to a day of fun Sail postponed from June because of island yacht club fire." Toronto Star, Aug 23, 2004; p. B.03.

Ross, Rachel. "A new look at a Canadian icon; Skinning, roasting beaver 'not as barbaric as people think' Retired teacher enjoys sharing his traditions with public." Toronto Star, Aug 22, 2004; p. A.03.

Ross, Rachel. "iRobot launches clean dream team; Personal-robotics market expands Clients name their vacuum cleaners." Toronto Star, Aug 17, 2004; p. C.03.

Ross, Rachel. "Alias buys Montreal 3D graphics leader; No price details on Kaydara deal 'Best acquisition,' U.S. analyst says." Toronto Star, Aug 10, 2004; p. C.03.

Ross, Rachel. "'System errors' hit CIBC accounts; Thousands either double billed or left inaccessible Customers urged to check their transaction histories." Tyler Hamilton and Rachel Ross; Toronto Star, Jul 29, 2004; p. D.01.

Ross, Rachel. "Google search engine hit hard by new virus; MyDoom downs service for at least 3 hours Predator poaches e-mail addresses, floods websites." Toronto Star, Jul 27, 2004; p. C.04.

Ross, Rachel. "Time to give windmills a spin." Toronto Star, Jul 26, 2004; p. D.01.

Ross, Rachel. "Hair today, gone tomorrow." Toronto Star, Jul 19, 2004; p. D.05.

Ross, Rachel. "Hundreds of users left without e-mail through Sympatico; 'Issues' arise in try for enhanced service Internet provider promises fix soon." Toronto Star, Jul 8, 2004; p. C.04.

Ross, Rachel. "Computer aids the human machine." Toronto Star, Jul 5, 2004; p. D.01.

Ross, Rachel. "On-line open house for pornographers; Web sites offer photos for money Contacts made in 'matter of minutes'." Toronto Star, Jun 19, 2004; p. A.04.

Ross, Rachel. "The new crown jewel of dentistry." Toronto Star, Jun 14, 2004; p. D.03.

Ross, Rachel. "Phone-made movie has image problem; Cellphone boasts built-in camera But picture quality is disappointing." Toronto Star, Jun 10, 2004; p. K.09.

Ross, Rachel. "Royal warns of scam in e-mail; Bank says online request a hoax Latest problem blamed on glitch." David Bruser and Rachel Ross; Toronto Star, Jun 10, 2004; p. D.01.

Ross, Rachel. "Royal computer problems almost over; Some isolated disruptions still possible, bank warns Transaction glitches may have been programmer error." Toronto Star, Jun 8, 2004; p. C.03.

Ross, Rachel. "Royal headaches linger for clients; Bank records still not fully updated 'Residual effects' of glitch continue." Toronto Star, Jun 7, 2004; p. A.01.

Ross, Rachel. "Long-lasting glitch proves Royal pain; Thousands in a bind trying to get cash Pay missing, woman offered 6.5% loan." Toronto Star, Jun 5, 2004; p. A.02.

Ross, Rachel. "Dell sees ink as key to success in printers; Company wants to lower prices Rival HP denies costs are its fault." Toronto Star, Jun 3, 2004; p. D.01.

Ross, Rachel. "Gained weight? Blame your cellular phone." Toronto Star, May 24, 2004; p. D.02.

Ross, Rachel. "Non-stinky nail polish is here." Toronto Star, May 20, 2004; p. P.03.

Ross, Rachel. "Microsoft security boss defends software code; Blames others for computer crashes Selling upgrades proves challenging." Toronto Star, May 20, 2004; p. D.04.

Ross, Rachel. "Focus groups beware Mice may replace you; Web system tests reaction to TV ads Seen as being less intrusive, cheaper." Toronto Star, May 17, 2004; p. D.02.

Ross, Rachel. "Radio waves to wash away bar codes?." Toronto Star, May 13, 2004; p. L.04.

Ross, Rachel. "Rethinking recipes for nail polish Nail polish a toxic brew, should it be on you?" Toronto Star, May 10, 2004; p. D.01.

Ross, Rachel. "Diarists exchange information through journals." Toronto Star, May 6, 2004; p. HC.06.

Ross, Rachel. "People on the GO want down time; Half the commuters surveyed who have a notebook computer say they use them on the GO train But a stroll through the carriages shows just a handful of riders at the keyboard ." Toronto Star, May 6, 2004; p. H.01.

Ross, Rachel. "Sasser virus slows Internet." Toronto Star, May 4, 2004; p. D.03.

Ross, Rachel. "Time ran out on relevance of clock speed." Toronto Star, May 3, 2004; p. D.03.

Ross, Rachel. "Don't trash that computer; Customers can recycle, says Dell Charities will take unwanted PCs." Toronto Star, Apr 29, 2004; p. D.04.

Ross, Rachel. "Today's copiers more of a hybrid printer-scanner." Toronto Star, Apr 26, 2004; p. DC.06.

Ross, Rachel. "Software maker sold to U.S. firm; Alias Systems scooped up for \$57 million (U.S.) No layoffs planned and management to stay in place." Toronto Star, Apr 16, 2004; p. E.04.

Ross, Rachel. "In ATMs we generally trust." Toronto Star, Apr 12, 2004; p. D.02.

Ross, Rachel. "Penguin's dream Go mainstream; Star has non-geeks load Linux, test it As once with Windows, there's frustration." Toronto Star, Apr 12, 2004; p. D.01.

Ross, Rachel. "File swappers upbeat on legal ruling; Copyright fears are put to rest No more looking 'over my shoulder'." Toronto Star, Apr 2, 2004; p. E.04.

Ross, Rachel. "Irritating pop-up ad poised to go pop; Microsoft to use automatic block Meeting customer demand, giant says." Toronto Star, Mar 30, 2004; p. D.01.

Ross, Rachel. "Public raising cellphone sound barWaging a war on noise." Toronto Star, Mar 29, 2004; p. D.01.

Ross, Rachel. "Inventors, geniuses bring me your schemes." Toronto Star, Mar 15, 2004; p. D.01.

Ross, Rachel. "Kitchener trio sued by Yahoo; First action under U.S. anti-spam law Accused of sending millions of e-mails." Toronto Star, Mar 11, 2004; p. D.01.

Ross, Rachel. "Computers' environmental impact up Study; UN body find units' lifespans shorter, energy use growing One low-tech solution foster healthier second-hand market." Toronto Star, Mar 8, 2004; p. D.01.

Ross, Rachel. "How copy protection works and doesn't." Toronto Star, Mar 1, 2004; p. D.02.

Ross, Rachel. "'Hey, doc where's that stethoscope?'; Wireless tags follow hospital May curb theft where it's a problem in U.S. hospitalsCanadian firm's wireless tracking system will find it Tags also used as security measure in maternity wards." Toronto Star, Feb 23, 2004; p. D.02.

Ross, Rachel. "Software feud may have provoked virus." Toronto Star, Feb 19, 2004; p. D.04.

Ross, Rachel. "Spheres of influenceTiny bubbles, sticky solutions; What do Post-it notes have in common with cosmetics, pills, and paint? A magic ingredient few have heard of though it helps make the world go 'round.'" Toronto Star, Feb 16, 2004; p. C.01.

Ross, Rachel. "A trail of genetic evidence follows us all." Toronto Star, Feb 2, 2004; p. D.03.

Ross, Rachel. "New \$100 bill a fake foiler; Bank hopes to restore faith in C-note Security features hard to duplicate." Toronto Star, Jan 29, 2004; p. A.01.

Ross, Rachel. "Inventor of ctrl-alt-delete is logging off; Engineer retires from IBM Keystroke a quick way to reboot." Toronto Star, Jan 28, 2004; p. C.01.

Ross, Rachel. "Yes, you can enhance your life by being online; Frees up time to pursue real-world activities Can help users find romance and run businesses." Toronto Star, Jan 23, 2004; p. E.04.

Ross, Rachel. "Yes, you can brush your teeth too much." Toronto Star, Jan 19, 2004; p. C.03.

Ross, Rachel. "Canadian lasers to analyze Mars' atmosphere." Toronto Star, Jan 12, 2004; p. D.03.

Ross, Rachel. "Online auctioneer eBay doubles fees to list wares; Sellers will pay more for reserve price items Lower fees for some lower-cost products." Toronto Star, Jan 6, 2004; p. D.04.

Ross, Rachel. "Touchy chemistry powers fireworks' glory." Toronto Star, Jan 5, 2004; p. E.03.

Ross, Rachel. "UBS takes controlling interest in Look Communications." Toronto Star, Dec 31, 2003; p. C.03.

Ross, Rachel. "U.S. demands air marshals; Airlines face ban if they refuse Air Canada keeps its plans secret." Toronto Star, Dec 30, 2003; p. A.01.

Ross, Rachel. "Calculus behind the candle." Toronto Star, Dec 22, 2003; p. D.05.

Ross, Rachel. "Spam web tapped Canadians Lawsuits 'won't affect us,' defiant king of spammers says; Computers infiltrated, lawsuits say Telus, Rogers, Shaw servers utilized." Toronto Star, Dec 19, 2003; p. E.01.

Ross, Rachel. "Finding a solution to contact lens woes." Toronto Star, Dec 15, 2003; p. D.06.

Ross, Rachel. "Hinterland heroes A Who's Who of iconic planes serving world's hinterlands; They didn't fly past the speed of sound Yet these beavering planes built nations." Toronto Star, Dec 15, 2003; p. D.01.

Ross, Rachel. "Here are the channels you can get in high-definition." Toronto Star, Dec 11, 2003; p. L.02.

Ross, Rachel. "Before you buy HDTV, read between lines; Budget, personal taste and the living room size come into play Web sites have useful information." Toronto Star, Dec 11, 2003; p. L.02.

Ross, Rachel. "Charged up about bad batteries." Toronto Star, Dec 1, 2003; p. D.03.

Ross, Rachel. "Gadgets" gifts for geeks Gifts for geeks." Toronto Star, Dec 1, 2003; p. D.01.

Ross, Rachel. "A high-school lesson, applied to the ceiling." Rachel Ross Rachel Ross Decoder; Toronto Star, Nov 24, 2003; p. D.03.

Ross, Rachel. "Honest Ed's presence felt at turkey handout; Tributes flow to man who started annual tradition Icon recovering, expected back home in January." Toronto Star, Nov 24, 2003; p. B.05.

Ross, Rachel. "Saving heat, water with chemistry." Toronto Star, Nov 17, 2003; p. D.02.

Ross, Rachel. "Robots duke it out in sumo competition; 150 combatants vie to test their skills Educational alternative to video games." Toronto Star, Nov 17, 2003; p. A.19.

Ross, Rachel. "Pocket-size powerhouses have plane values; Frequent business travellers may like new PDAs Music elements mean they service multimedia needs." Toronto Star, Nov 13, 2003; p. K.02.

Ross, Rachel. "Holding hands with hand-held not enough; Technology needs user commitment for love to bloom Time well spent loading software, learning 'graffiti'." Toronto Star, Nov 13, 2003; p. K.02.

Ross, Rachel. "Cosmetics standards could stand a makeover." Toronto Star, Nov 10, 2003; p. D.02.

Ross, Rachel. "Intel Corp. announces chip breakthrough; New transistor leaks less energy May beat problem of overheating." Toronto Star, Nov 6, 2003; p. D.01.

Ross, Rachel. "Taking the jolt out of java." Toronto Star, Nov 3, 2003; p. D.02.

Ross, Rachel. "How science engineers unwanted odours out." Toronto Star, Oct 27, 2003; p. D.05.

Ross, Rachel. "Experiments in electronic ordering." Toronto Star, Oct 23, 2003; p. K.05.

Ross, Rachel. "Microsoft's Office 2003 makes good on promise; Ties desktop to server software Includes updated Word, Outlook." Toronto Star, Oct 21, 2003; p. D.04.

Ross, Rachel. "TV display uses tiny moving mirrors." Toronto Star, Oct 20, 2003; p. D.01.

Ross, Rachel. "A measure of progress; Pay attention to key indicators of business health Gauging customer satisfaction is critical to success." Toronto Star, Oct 16, 2003; p. H.03.

Ross, Rachel. "Digital music service debuts." Toronto Star, Oct 15, 2003; p. E.01.

Ross, Rachel. "Technology high, and dry." Toronto Star, Oct 13, 2003; p. D.03.

Ross, Rachel. "Key into data with your dongle." Toronto Star, Sep 29, 2003; p. D.02.

Ross, Rachel. "World's cyber athletes Ready, set hotkey!; Video gamers eye 'Olympics' in Seoul Tourney will choose elite Canadian team." Toronto Star, Sep 26, 2003; p. A.28.

Ross, Rachel. "Remembering the MCM/70 This man helped make computer history 30 years ago today; Landmark portable PC developed here 'Amazing what they were able to do'." Toronto Star, Sep 25, 2003; p. C.01.

Ross, Rachel. "Stop, or go? Toilet signal lets you know." Toronto Star, Sep 22, 2003; p. D.05.

Ross, Rachel. "Movie future is online; New opportunity, say pioneers Third Toronto Online Filmfest." Toronto Star, Sep 16, 2003; p. C.03.

Ross, Rachel. "New uses for glow-in-dark tech." Toronto Star, Sep 15, 2003; p. C.05.

Ross, Rachel. "Hackers threaten power grid Expert; Utility computers called vulnerable 'Fame is a driving factor' for attacks." Toronto Star, Sep 12, 2003; p. EC.06.

Ross, Rachel. "Lifelog a useful, brutal reality check Logged on for life; Technology could soon record a person's every moment in video, audio, and text What a memory-aid with what consequences for humanity?." Toronto Star, Sep 8, 2003; p. D.01.

Ross, Rachel. "The secret war against 'funny money'." Toronto Star, Sep 1, 2003; p. D.03.

Ross, Rachel. "Latest virus new breed of computer parasite; 'Blaster' can act alone, spreading to other machines Users may not know they've been targeted." Toronto Star, Aug 14, 2003; p. A.25

Ross, Rachel. "Technology you can take to the beach." Toronto Star, Aug 11, 2003; p. D.03.

Ross, Rachel. "Cyber dreads come to town; Tubes, dreads and falls createthese dos Sci-fi shows influence out-of-this-world look." Toronto Star, Aug 7, 2003; p. C.03.

Ross, Rachel. "Lawn mowers made life easier for sheep." Toronto Star, Aug 4, 2003; p. D.02.

Ross, Rachel. "Still stuck with the dishes." Toronto Star, Aug 2, 2003; p. K.01.

Ross, Rachel. "My robots lack looks and tricks? Hey, show some respect." Toronto Star, Aug 2, 2003; p. K.01.

Ross, Rachel. "Bell accuses Rogers of stifling competition; Complaint filed with CRTC Companies battle over TV signals." Toronto Star, Jul 30, 2003; p. C.03.

Ross, Rachel. "A new planet for the deaf; Wireless initiative in sign language Web site launched yesterday." Toronto Star, Jul 21, 2003; p. D.03.

Ross, Rachel. "Free-Net survives decade of bridging digital divide," Toronto Star, Jul 21, 2003; p. D.02.

Ross, Rachel. "New screens put Johnny out of a job." Toronto Star, Jul 14, 2003; p. D.03.

Ross, Rachel. "Who's not online?; As of 2001, more than 3.8 million Canadian households had yet to access the Net, reports StatsCan Some are poor, others childless, while still others simply don't see the benefits." Toronto Star, Jul 14, 2003; p. D.01.

Ross, Rachel. "Electronic billing touted as an advertising gold mine; But are Canadians ready to get their bills online? Security and privacy concerns still prevail." Toronto Star, Jul 10, 2003; p. D.04.

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[Civic Fusion: Mediating Polarized Disputes](#). Susan Podziba. American Bar Association. 2012.

## **CONFERENCES**

Active Learning Symposium. "Be the Dean of Fun." Rutgers University. New Brunswick, NJ, USA. May 15, 2018.

LearnTec Keynote Speaker. "E-quality." New Brunswick, Canada. 2002.

## **TECHNICAL SKILLS**

- Proficient in CSS, JavaScript, PHP, C++, HTML, WordPress, InDesign, Photoshop, Sketch, iMovie, MSOffice
- Able to make a robot out of an electric toothbrush when necessary