

CURRENT POSITION	Associate Professor (with tenure) Architecture Program, Faculty of Environmental Design, University of Calgary
TEACHING EXPERTISE	Solar Decathlon /Design-Build Studio Comprehensive Design Structures for Architects Interdisciplinary Teaching
SCHOLARLY EXPERTISE	Theory of (in)Authentic Environments Theme Park Design Winery Design Roadside Attractions
MEMBERSHIPS	Royal Architectural Institute of Canada (RAIC) Building Technology Educators' Society (BTES) Society of Building Science Educators (SBSE) Environmental Design Research Association (EDRA) Crime Writers of Canada (CWC) Writers Guild of Alberta (WGA)

EDUCATION

1992	Master of Environmental Design (Architecture), University of Calgary [M.Arch equiv.]
1982	Bachelor of Science (Civil Engineering), University of Calgary

HIGHLIGHTS

- Led 2 Solar Decathlon teams to top 10 finishes (2013; 2011)
- 20 years' teaching Structures and Comprehensive Design
- Significant experience on Architecture Accreditation Team Visits, including 3 as Chair (NAAB and CACB)
- Former West Regional Director and Board member of ACSA (2 terms)
- Former Interim Dean (2.5 years) and Associate Dean Academic (3 years)
- Created and run the only design competition for Architecture students in Canada, sponsored by the Canadian Institute of Steel Construction
- Member of the Editorial Board of the University of Calgary Press (3 terms)
- Professional book of contemporary winery design, *Wine By Design* (Wiley, 2010; 2005) has been translated into Chinese, and is in the holdings of over 100 international libraries, including those of all Ivy League universities

HONOURS, AWARDS, and DISTINCTIONS - selected

2012	<i>Emerald Award - Education: School or Classroom</i> , Emerald Foundation of Alberta; in recognition of TRTL, Team Canada, Solar Decathlon 2011
2011	<i>Finalist: Teaching Excellence Award</i> , Graduate Students Association, University of Calgary
2011	<i>Camera Club Winner</i> , The Globe and Mail newspaper
2010	<i>Canadian Who's Who</i> (Toronto: University of Toronto Press)
2002	<i>Prairie Design Award</i> , Alberta Association of Architects: "Millennium Landmark Project"

- 2001 *Best Design Theory Paper Award*, European Academy of Design. *Desire, Designum, Design*, 4th European Academy of Design Conference; Aveiro, Portugal
- 1995 *Best Conference Paper*, ACSA Northeast Regional Conference '95, Philadelphia; chosen for presentation at Annual Conference, Boston (1996)
- 1992 *AIA Gold Medal*, American Institute of Architects
- 1992 *Bronze Medal*, Alpha Rho Chi
- 1992 *Award of Merit*, Alberta Association of Architects
- 1990 *Award of Merit*, Alberta Association of Architects
- 1989 *First Place, Freeway as Art Design Competition*; U.S. National Endowment for the Arts (built: 1991)
- 1988 *Award of Merit*, Alberta Association of Architects

ACADEMIC POSITIONS

- 2009-13 Faculty Advisor, U.S. Solar Decathlon | Team Alberta, 2013 | Team Canada, 2011
- 2007-09 Interim Dean, Faculty of Environmental Design, University of Calgary
- 2004-07 Associate Dean (Academic), Faculty of Environmental Design, University of Calgary
- 1995+ Assistant | Associate Professor (w. tenure), University of Calgary

BOARD POSITIONS - selected

- 2006 + Editorial Board, University of Calgary Press
- 1999 + Education and Research Council, Canadian Institute of Steel Construction
- 2011-13 Treasurer, Academic Women's Association, University of Calgary
- 2008-09 Vice-President, Executive Council (Alberta Chapter, Royal Architectural Institute of Canada)
- 2007-09 Co-Director Living Spaces, Urban Alliance (City of Calgary and the University of Calgary)
- 2006-08 Senator, University of Calgary Senate
- 2004-07 ACSA West Regional Director; Member, Board of Directors (ACSA, Washington, DC)

ARCHITECTURE ACCREDITATION EXPERIENCE

- 2015 Team Chair, Visiting Team, University of Manitoba; Canadian Architectural Certification Board (CACB)
- 2013 Team Chair, Visiting Team, University of Florida; National Architectural Accreditation Board (NAAB)
- 2012 Member, Visiting Team, South Dakota State University; Candidacy Visit, National Architectural Accreditation Board (NAAB)
- 2012 Team Chair, Visiting Team, University of British Columbia; Canadian Architectural Certification Board (CACB)
- 2011 Member, Visiting Team, School of Architecture, Catholic University, Ponce, Puerto Rico; Candidacy Visit, National Architectural Accreditation Board (NAAB)
- 2010 Member, Visiting Team, Frank Lloyd Wright School of Architecture; National Architectural Accreditation Board (NAAB)
- 2007 Member, Visiting Team, University of Toronto School of Architecture; Canadian Architectural Certification Board (CACB)

2001 Member, Visiting Team, McGill University School of Architecture; Canadian Architectural Certification Board (CACB)

PUBLICATIONS

In Progress

[UNTITLED – Building Collapses] - Invited proposal with Routledge Press

This book is a hybrid between a full-color case study book and a textbook, showcasing and explaining contemporary building collapses and lessons learned.

“Net Zero in the North” – journal article

Focusing on the design of Team Alberta’s entry in the 2013 U.S. Solar Decathlon as a case study, this article posits the intrinsic relationship between experiential learning and human centered design as central to the design-build studio experience.

“Undercut” - novel

An architectural mystery novel utilizing a structural collapse as the central mystery.

Books

Fowlow, L., S. Stanwick. *Wine by Design*. London, U.K: John Wiley & Sons, revised 2nd Edition, 2010

Fowlow, L. S. Stanwick. *Wine by Design*. Beijing: Gao Deng Liao Yu Chu Ban She, 2007 (Chinese ed.)

Fowlow, L. S. Stanwick. *Wine by Design*. London, U.K: John Wiley & Sons, 2005

Fowlow, L. *Theme Park Builders*. London, U.K.: John Wiley & Sons, 2003

Book Chapters

Fowlow, L., Victoria Baster. "Travels in Authenticity: an Exploration of the Cultural Reality of Two Orlando Theme Parks." Heynen, H., Vanderburgh, D. (eds), *Tourism Revisited: International Colloquium on Architecture and Cities #2*. Brussels: La Lettre Volee, 2007

Fowlow, L. "Frank Gehry," *The Canadian Encyclopedia*. Toronto: McClelland & Stewart, 2004

Fowlow, L. "West Edmonton Mall," *The Canadian Encyclopedia*. Toronto: McClelland & Stewart, 2000

Brown, J. "Freeway As Instrument," *Pamphlet Architecture 16*, E. Martin (ed.) New York: Princeton Architectural Press. pp. 50-53, 1994 (member, design team)

Refereed Publications - selected

Fowlow, L. "Net-Zero in the North," The Value of Design Research, European Academy of Design 2015, Paris (2015) [ACCEPTED]

Fowlow, L: "Premium Parking." *Canadian Architect*, (August, 2014, p. 34)

Fowlow, L. "Required Reading: 'Understanding Steel Design'," Book Review. *Advantage Steel*. (Summer, 2012, pp. 34-36).

Fowlow, L.; Hillman-Healey, C. "Lessons From the Road: Meaning and Community Identity Examined Through the Lens of the Roadside Attraction." *The Endless End*, European Academy of Design 9th Conference Proceedings. Oporto, Portugal. (June, 2011)

Fowlow, L.; Hillman-Healey, C. "Lessons From the Road: Meaning and Community Identity Examined Through the

- Lens of the Roadside Attraction." *EDRA42 Chicago*, Environmental Design Research Association Conference Proceedings; Chicago. (May, 2011)
- Fowlow, L. "Students Play with Tension," *Advantage Steel*, Number (Fall, 2009)
- Fowlow, L. "The Tailored Home: Housebrand." *Architectural Design (AD)*, Academy-Wiley, London, (March/April, 2007): 60-68
- Fowlow, L. "Frank Gehry: the Magician," http://www.egodesign.ca/en/article.php?article_id=43 (originally published in the *Canadian Encyclopedia*) 2006
- Fowlow, L. "Difficult Sites," *Canadian Architect: The Journal of the Royal Architectural Institute of Canada*, (June, 2005): 20-30
- Fowlow, L. "The Office." *Canadian Architect: The Journal of the Royal Architectural Institute of Canada*, (August, 2004): 20-24
- Fowlow, L. "Home Advantage." *Canadian Architect: The Journal of the Royal Architectural Institute of Canada* (May, 2003): 39-41
- Fowlow, L. "Making the Link Between Architecture and Steel, *Advantage Steel*, No. 18 (Fall 2003): 17
- Fowlow, L. "Steel Study," *Canadian Architect: The Journal of the Royal Architectural Institute of Canada*, (August, 2002): 30
- Fowlow, L. "Architectural Students Vie to Design Best Bus Shelter," *Advantage Steel*, No. 15 (Spring 2002): 5-7
- Fowlow, L. "Living With Mickey: In Search of the Boundaries of the Theme Park," *The Design Journal*, Volume 4, Issue 2. Ashgate Publishing, Tunbridge Wells, U.K.: 20-29, 2001
- Fowlow, L. "Living With Mickey: In Search of the Boundaries of the Theme Park." Desire, Designum, Design, 4th European Academy of Design Conference Proceedings: 232-237, 2001.
Awarded: Best Design Theory Paper Award
- Fowlow, L. Baster, V. "Travels in Authenticity: an Exploration of the Cultural Reality of Two Orlando Theme Parks." Tourism Revisited - Second NeTHCA Colloquium on Architecture and Cities, Brussels. Proceedings: 1, 2001
- Fowlow, L. "Sustainability and the New Urbanism: a Case Study," Socio/Environmental Monographs, IAPS 16 Proceedings, CD Rom; Paris, France, 2000
- Fowlow, L. McMordie, M. Stein, S. "Who's Afraid of Authenticity?" Sustainable Buildings for the 21st Century: teaching issues, tools & methodologies for Sustainability, TIA 2000 Proceedings, Oxford, U.K.: 2.01-2.08, 2000
- Fowlow, L. "Testing the New Urbanism: a Case Study," Sustainable Buildings for the 21st Century: teaching issues, tools & methodologies for Sustainability, TIA 2000 Proceedings, Oxford, U.K.: 7.02-7.10, 2000
- Fowlow, L. "Nostalgia as Marketing Tool: an Analysis of McKenzie Towne, Calgary," Constructing New Worlds, ACSA International Conference Proceedings, Rio de Janeiro, Brazil: 283-287, 1998
- Fowlow, L. "City as Theme Park: the Mickeyization of the Urban Landscape," ACSA Northeast Regional Conference '95, Philadelphia, PN: 19-26, 1995
Awarded: Awarded: Best Conference Paper, Chosen for presentation at Annual Conference
- Fowlow, L., Prairiescope. "A Year in the Life of the Cochrane Ranche: a Design Concept for Development." Calgary: University of Calgary, Faculty of Environmental Design, 1987

Published Design Projects – selected

- Slaven, Chandra. "Solar Sunrise: University of Calgary & Mount Royal University Borealis House", *Green Builder Magazine* (Sept. 2013, pg. 12) <http://content.yudu.com/A2d9iu/GreenBuilderSept2013/resources/index.htm>

- Slaven, Chandra. "Students Cultivating Sun-Powered Living," *edc -Environmental Design + Construction: The Official Magazine for the LEED Professional*, (September 2013, pp. 28-33).
- Jewell, Nicole. "Team Alberta's Borealis Solar Decathlon Home Features a Stunning Air-Filtering Indoor Vertical Garden," *inhabitat* (October 7, 2013)
<http://inhabitat.com/team-albertas-borealis-solar-decathlon-home-features-a-stunning-air-filtering-indoor-vertical-garden/>
- "Looking Back at a Year of Camera Club Winners," *The Globe and Mail* (Oct. 3 2011)
<http://www.theglobeandmail.com/multimedia/camera-club/photos-looking-back-at-a-year-of-camera-club-winners/article2188022/>
- Team Alberta Designs Modular Home for Remote Locations. *archdaily* (October 23, 2013)
<http://www.archdaily.com/441955/solar-decathlon-2013-team-alberta-creates-home-for-young-professionals/>
- Stanwick, S. "John Brown Tower To Light Up Calgary," *World Architecture* (May 2002): 16, 2002
- Livesey, G. "Skateboards and Laser Beams," *Canadian Architect: The Journal of the Royal Architectural Institute of Canada* (July 2002): 24-26, 2002
- [uncredited] forms & functions. "Tower Power," *Azure Magazine* (May/Jun 2002): 45, 2002
- [uncredited] *elevation WEST*, vol. 4 (Summer 2002): 5, 2002
- Brown, J. "Freeway As Instrument," *Pamphlet Architecture 16*, E. Martin (ed.) New York: Princeton Architectural Press. (1994, pp. 50-53)

Invited Presentations - selected

- 2012 "Technological Residence, Traditional Living: the TRTL House," Alberta CISC (Canadian Institute of Steel Construction) Steel Workshop, Calgary
- 2009 "Recent Research in Environmental Design," Southwest Jiaotong University, Chengdu, China
- 2009 "Housing Research Matters! Distinguished Speaker Series," Canada Mortgage and Housing Corporation (CHMC), The Government of Canada, Ottawa
- 2007 "Living With Mickey," *Experience Architecture* - Executive Education, Graduate School of Design, Harvard University
- 2006 "Wine By Design," *Art and Architecture Now*, Department of Art, University of Lethbridge
- 2006 "Surfacing Urbanisms: Recent Approaches to Metropolitan Design," Woodbury University, California, ACSA West Conference
- 2005 *Ideas Symposium, Urban Places, Public Spaces + Design of the City*, Calgary Visitor and Convention Centre
- 2004 "Theme Park Builders," School of Architecture, University of Manitoba
- 2004 "One Integrated Studio," *SSEF Architectural Educators' Conference*, Canadian Institute of Steel Construction, Montreal
- 2004 "Housing Research in the Faculty of Environmental Design," National Housing Research Committee (NHRC), Canada Mortgage and Housing Corporation (CMHC), Government of Canada, Ottawa
- 2004 "The Master's Thesis," School of Architecture, University of Manitoba
- 2003 "Here Comes Frank." *Art and Architecture Now*, Department of Art, University of Lethbridge
- 2000 "Alternate Approaches to Teaching Structures," *SSEF Architectural Educators' Conference*, Canadian Institute of Steel Construction, Toronto
- 2000 "Living With Mickey," *Art and Architecture Now*, University of Lethbridge

Design Juries - selected

- 2012-14 *Architecture Student Design Competition*, Steel Structures Education Foundation, Canadian Institute of Steel Construction
- 2011-13 CISC Alberta Steel Design Awards, Canadian Institute of Steel Construction, Alberta Region
- 2012 *Architectural Student Design Competition*; SSEF (Steel Structures Education Foundation), CISC (Canadian Institute of Steel Construction)
- 2012 CISC National Steel Design Awards (Canadian Institute of Steel Construction)
- 2010-13 *Avenue's Design Inside the Box Competition*, Avenue Magazine, Calgary
- 2010 *CEA 2010 Showcase Awards*, Consulting Engineers of Alberta, Edmonton
- 2009 *CMHC Housing Studies Achievement Award*, Canada Mortgage and Housing Corporation, Government of Canada, Ottawa
- 2002 *Architecture Student Design Competition*, Steel Structures Education Foundation, Canadian Institute of Steel Construction

Invited Reviews - selected

- 2006 + Book Proposals. Editorial Board, University of Calgary Press
- 2012 Book Review. "Required Reading: Understanding Steel Design," *Advantage Steel*. (Summer, 2012, pp. 34-36)
- 2011 Paper Referee. *edra43 Seattle: Emergent Placemaking, 2011* (Environmental Design Research Association)
- 2007 Paper Referee. *Fresh Air*, ACSA Annual Conference, Philadelphia, PA
- 2006 Paper Referee. *Surfacing Urbanisms: Recent Approaches to Metropolitan Design*, ACSA West Conference, Woodbury University, CA
- 2003 Paper Referee. *Construction in Context: History, Theory and Practice*, Journal of Architectural Education (JAE), Ted Cavanaugh (Ed.)
- 1998-01 Book Proposals. Academy Editions, John Wiley & Sons, London
- 2000 Paper Referee. Annual Conference, Architectural Research Centers Consortium (ARCC)

MEDIA INTERVIEWS

Television

- Solar Decathlon 2011 project, *Breakfast TV, CTV news* (January 30, 2012)
- Best of Calgary Architecture, *Big Breakfast Show, A-Channel* (June 12, 2008)
- Wine By Design book, *Canada Am, CTV* (January, 2006)
- Pentagon Memorial design, *Big Breakfast Show, A-Channel* (September 11, 2002)
- Millennium Project, *Channel 7 News*, December 30, 2000
- Millennium Project, *CBC, A Channel, Channel 10, Calgary Herald* (1999)

Radio

- Solar Decathlon 2011 project, *QR77 Radio*, Calgary. (August, 2011)
- Roadside Attractions [part 2], *CBC Radio Homestretch* (August 31, 2010):
<http://www.cbc.ca/homestretch/2010/08/roadside-attractions.html>

Roadside Attractions [part 1], *CBC Radio Homestretch* (August 9, 2010)
Puppetronics Exhibit, *CBC Radio Arts Report*, 1996

Print/Web

- James Crabtree, "Laws of Attractions." *The Caravan: a Journal of Politics and Culture*, India, 2013 June (pgs. 44-55)
<http://caravanmagazine.in>
- Parker, David. "Team Alberta Eyes Solar Home Project," *Calgary Herald* (December 21, 2012).
<http://www.calgaryherald.com/business/Team+Alberta+eyes+solar+home+project/7713014/story.html>
- Berkow, Jameson. "Work in the Resource Sector? Your Next Home may be a Shipping Container". *Financial Post*.
(July 14, 2012) http://business.financialpost.com/2012/07/14/work-in-the-reource-sector-your-next-home-may-be-a-shipping-container/?__lsa=7349-437e
- "Windstorm Highlights Gaps in Calgary's Building Code," *Calgary Herald*. (November 30, 2011, pg. A1, B1)
<http://www.calgaryherald.com/news/calgary/Wind+damage+probed/5787897/story.html>
- "Solar Decathlon 2011 Profile: Team Canada," Alex Hoyt, *Eco-Structure, a Magazine of the American Institute of Architects*. <http://www.eco-structure.com/technology/solar-decathlon-2011-profile--team-canada-2.aspx>
- "Solar Decathlon 2011: Team Canada's Turtle-like TRTL", *Green Building Advisor* (February 22, 2011)
<http://www.greenbuildingadvisor.com/book/export/html/19725>
- Distinguished Speaker Series, Canada Mortgage and Housing Corporation (CMHC), Government of Canada
(February 16, 2011): <http://nhrc-cnrl.ca/en/episode-10-lorraine-follow>
- "University of Calgary Creates Life Cycle Assessment Chair," *Journal of Commerce - Western Canada's Construction Newspaper*, <http://www.journalofcommerce.com/article/id36379/profdevelopments> (November 18, 2009)
- "Canada Takes the Lead in Life-Cycle Research," *ReNew Canada - The Infrastructure Renewal Magazine*,
<http://renewcanada.net/2009/canada-takes-the-lead-in-life-cycle-research/> (November 4, 2009)
- "LA architect Thom Mayne to present the inaugural lecture at the University of Calgary's Faculty of Environmental Design," *Daily News - Canadian Architect* (July 24, 2009)
- "U of C Faculty Cultivates Talent," Column, David Parker, *Calgary Herald* (May 29, 2009)
- "Changes at the Glenbow Museum," Jessica deMello, *Avenue Magazine* (May 22, 2009)
- "Energy Giant Takes Lead in Land Reclamation," Laura Severs, *Business Edge* (January 9, 2009)
- "EnCana donation questioned as company awaits energy decision," *CBC News* (December 17, 2008)
<http://www.cbc.ca/canada/calgary/story/2008/12/16/cgy-encana-uofc-chair.html>
- "Raising the Bar on Natural Resources; Deep Thinkers Have Designs on the Future", Jessica deMello, *National Post*
(December 27, 2008)
- "Environmental Design Students Examine McMurray's Growth Pressures for University Project," Kristy Nease, *Fort McMurray Today* (September 11, 2008)
- "We Built This City - Five Local Architects Pick and Pan the City's Best and Worst Architecture," *Avenue Magazine*
(June, 2008)
- "The University of Calgary Names Haworth Chair in Integrated Design," *Canadian Architect* (October 12, 2007)
- "Out with the Old, In with the Old," Roberta McDonald, *ffwd weekly* (March 24, 2005)
- "Cyclists Shifting Gears into Work Lifestyle," *Business Edge*, Western Canada (September 2004)
- "Creativity Turned Eyesore into Masterpiece: Critical Mass staff Enjoying Distinctive Digs," *Business Edge, Western Canada* (June, 2004)

- "1,600 Vie for 9-11 Pentagon Design," *AP Article. New York Post, New York Times, The Guardian, Pusan Post, Fukoka Globe, Canberra Daily, Greenwich Times, Orlando Sentinel, Las Vegas Sun* (partial list).
- "Thousands Submit Proposals for 9/11 Pentagon Memorial," *USA Today* (August 23, 2002)
- "U of C Pair Take on Monumental Task," *Calgary Herald* (August 23, 2002)
- "Families weigh in on Pentagon memorial." *The Milwaukee Journal Sentinel* (Milwaukee, WI). 2002. *HighBeam Research*. (January 18, 2010). <http://www.highbeam.com/doc/1P2-6131540.html>

"Wine By Design" – Book Reviews & Articles

- "Napa Wineries Charging Admission to Attract Fans, Repel Riffraf," *Dispatch.com* (April 2, 2006)
- "The Incredible New Architecture of Wine: a Publishing Phenomenon," Hugh Pearman, *The World of Fine Wine Magazine* (Issue #9, 2006)
- "Wine By Design," Janice Paskey, *Orb Magazine* (June 2006)
- "Architect Working on Toronto Design Book," *Daily Commercial News* (April 20, 2006)
- "Wine By Design," Brian Thomas, *Fine Expressions - the Premium Drinks Magazine* (Issue 6, April 2006)
- "Wine by design; the space of wine.(Brief Article)(Book Review)." *Reference & Research Book News*. 2006. *HighBeam Research*. (January 18, 2010). <http://www.highbeam.com/doc/1G1-153754962.html>
- "Upscale Wineries Say Spitting Required," *Arizona Daily Star* (March 29, 2006)
- "Wineries Go All Out to Attract Paying Customers," Jim Wasserman, *Sacramento Bee* (March 5, 2006); *Mercury News* (March 5, 2006); *Lodi News Sentinel* (March 21, 2006)
- "Wineries Pouring It On to Lure Upscale Clients," Stacy Finz, *San Francisco Chronicle* (March 19, 2006); *Post-Gazette.com* (April 5, 2006); *Azstarnet.com* (March 29, 2006); *Scripps Howard News Service* (March 27, 2006)
- "Vine Architecture: Winery Grounds Become a Marketing Tool," *Sacramento Bee* (February 24, 2006)
- "More Wineries Depend on Direct-Sales Profits," *Monterey County Herald* (February 25, 2006)
- "Fine Wine Comes with Fine Design, Architect Discovers," *Daily Commercial News* (February 7, 2006)
- BookEnds, Bryn Evans, *Fwd- Calgary's News & Entertainment* (January 12, 2006)
- "Best Cellars: Oeno Architecture", Pilar Viladas, *New York Times* (November 6, 2005)