# THE UNIVERSITY OF BRITISH COLUMBIA

# **Curriculum Vitae for Faculty Members**

Date: April 2021 Initials: GW

1. SURNAME: Werker FIRST NAME: Gregory

**MIDDLE NAME**: Robert

2. **DEPARTMENT/SCHOOL**: Sauder School of Business (Operations & Logistics)

3. FACULTY: Sauder School of Business

**4. PRESENT RANK**: Full-time Instructor **SINCE**: July 1, 2014

### 5. POST-SECONDARY EDUCATION

University or Institution	Degree	Subject Area	Dates
University or British Columbia	PhD	Business Administration	2012
		(Management Science)	
Cornell University	MEng	Operations Research	1999
Cornell University	BS	Operations Research	1998

# **Special Professional Qualifications**

N/A

## 6. **EMPLOYMENT RECORD**

## (a) Prior to coming to UBC

University, Company or Organization	Rank or Title	Dates
Supply Chain Consultants (now called Arkieva)	Senior Consultant	1999–2006
Wilmington, DE		

### (b) At UBC

Rank or Title	Dates
Full-time Instructor, Sauder School of Business	2014-present
Scientist, Centre for Health Evaluation and Outcome Sciences	2014-present
Postdoctoral Fellow, Centre for Health Evaluation and Outcome Sciences	2013–2014
Postdoctoral Fellow, School of Population and Public Health	2013–2014

(c) Date of granting of tenure at U.B.C.:

N/A

# 7. **LEAVES OF ABSENCE**

N/A

# 8. <u>TEACHING</u>

(a) Areas of special interest and accomplishments

# (b) Courses Taught at UBC

Session	Course	Total Scheduled	Class	Total Hours Taught per Cour		ourse	
	Numb	Hours	Size	Lectures	Tutorials	Labs	Other
2020W2	COMM 443 201	3.0	51	39			
	COMM 443 202	3.0	38	39			
	COMM 449 201	3.0	59	39			
	COMM 449 202	3.0	38	39			
	BABS550-300	1.5	53	20			
	BA504.001	5.75 (team teach, includes coord.)	110	40			
	BABS 550.001	1.5	78	20			
	BABS 550.002	1.5	32	20			
2020W1	COMM 290. 101 (first half)	3.0	233	15			
	COMM 290. 102 (first half)	3.0	232	15		5	
	COMM 290. 103 (first half)	3.0	202	15		3	
	COMM 290. 104 (first half)	3.0	220	15			

2020S	BA 512 004	3.0	24			
2019W2	COMM 443 201	3.0	40	39		
	COMM 443 202	3.0	45	39		
	COMM 449 201	3.0	43	39		
	COMM 449 202	3.0	37	39		
	BABS550-300	1.5	61	20		
2019W1	COMM 290. 101 (first half)	3.0	204	15		
	COMM 290. 102 (first half)	3.0	226	15	5	
	COMM 290. 103 (first half)	3.0	199	15		
	COMM 290. 104 (first half)	3.0	209	15		
	BA504.001	5.75 (team teach, includes coord.)	48	40		
	BA504.002		49	40		
	BABS 550.001	1.5	48	20		
	BABS 550.002	1.5	49	20		
2019S	BASC 550 300	1.5	47	20		
	BA 512 004	3.0	29			
2018W2	COMM 443 201	3.0	45	39		
	COMM 443 202	3.0	39	39		
	COMM 449 201	3.0	45	39		
	COMM 449 202	3.0	33	39		
	BABS550-300	1.5	48	20		
2018W1	COMM 290. 101 (first half)	3.0	205	15		
	COMM 290. 102 (first half)	3.0	240	15	5	
	COMM 290. 103 (first half)	3.0	241	15		
	COMM 290. 104 (first half)	3.0	206	15		
	BASC550.001	1.5	46	20		

	BASC550.002	1.5	47	20		
	BA504.001	5.75 (team	46	40		
	BA504.002	teach, includes coord.)	45	40		
	BABS 550.001	1.5	46	20		
	BABS 550.002	1.5	45	20		
2018S	BASC 550 300	1.5	39	20		
	BA 512 004	3.0	28			
2017W2	COMM 204 206	3.0	65	39		
	COMM 443 202	3.0	67	39		
	COMM 449 201	3.0	67	39		
	COMM 449 202	3.0	40	39		
	BABS550-300	1.5	39	20		
2017W1	COMM 290. 101 (first half)	3.0	222	15		
	COMM 290. 102 (first half)	3.0	244	15	5	
	COMM 290. 103 (first half)	3.0	233	15		
	COMM 290. 104 (first half)	3.0	211	15		
	BASC524	1.5	35	20		
	BASC550.001	1.5	48	20		
	BASC550.002	1.5	47	20		
	BA504.001	5.75 (team	47	40		
	BA504.002	teach, includes coord.)	48	40		
	BABS 550.001	1.5	47	20		
	BABS 550.002	1.5	48	20		
	BA 501 817	0.25	27	3.5		
2017S	BASC 550 300	1.5	36	20		
	BA 512 004	3.0	27			
2016W2	COMM 204 201	3.0	64	39		
	COMM 204 205	3.0	66	39		
	COMM 204 208	3.0	65	39		

	COMM 443 201	3.0	70	39			
	BASC550-300	1.5	37	20			
2016W1	COMM 290. 103 (first half)	3.0	224	15			
	COMM 290. 104 (first half)	3.0	226	15		5	
	BASC524	1.5	41	20			
	BASC550.001	1.5	49	20			
	BASC550.002	1.5	50	20			
	BAMA541.001	0.5 (team teach)	41	10			
	BAMA541.002	0.5 (team teach)	41	10			
	BABS 540.001	0.75	53	10			
	BABS 540.002	0.75	47	10			
2016S	BABS 540-300	0.75	48	10			
	COMM 204 204	3.0	62	39			
	COMM 205 205	3.0	63	39			
	BASC550-300	1.5	48	20			
2015W1	COMM 290. 101 (first half)	3.0	212	15			
					2	5	
	COMM 290. 102 (first half)	3.0	239	15			
	COMM 290. 103 (first half)	3.0	235	15			
	COMM 290. 104 (first half)	3.0	216	15			
	BASC524	1.5	24	20			
	BASC550.001	1.5	50	20			
	BASC550.002	1.5	49	20			
	BAMA541.001	0.5 (team teach)	38	10			
	BAMA541.002	0.5 (team teach)	45	10			
	BABS 540.001	0.75	51	10			
	BABS 540.002	0.75	50	10			
	BABS 540-301	0.75	39	10			
2014W2	COMM 291 204	3.0	101	39			

	COMM 291 205	3.0	246	39		
	COMM 291 206	3.0	244	39		
	COMM 291 207	3.0	188	39		
	BASC550-300	1.5	40	20		
2014W1	COMM 290. 104 (first half)	3.0	195	18		
	COMM 290. 105 (first half)	3.0	163	18	6 5	5
	COMM 290. 106 (first half)	3.0	206	18		
	COMM 290. 107 (first half)	3.0	110	18		
	BASC524	1.5	22	20		
	BASC550.001	1.5	41	20		
	BASC550.002	1.5	44	20		
	BAMA541.001	0.8	25	10		
	BAMA541.002	0.8	38	10		
2009W2	COMM 291	3.0	60	39		
2008W2	COMM 291	3.0	60	39		

# (c) Graduate Research Supervision

Student Name	Program Type	Year		Supervisory Role
		Start	Finish	(supervisor, co-supervisor, committee member)
Ian Cromwell	PhD, SPPH	2013	2019	Committee member

# (d) Graduate Program Supervision

Student Name	Program Type	Year		Supervisory Role
		Start	Finish	(supervisor, co-supervisor, committee member)
24 students	MBA summer internship/ Projects (BA512)	2020	2020	Faculty supervisor
29 students	un	2019	2019	Faculty supervisor
28 students	un	2018	2018	Faculty supervisor

27 students	<i>((3)</i>	2017	2017	Faculty supervisor
6 students	un	2016	2016	Faculty supervisor
3 students	un	2015	2015	Faculty supervisor

### (e) Continuing Education Activities

- Executive education Strategy & Innovation. April 29–May 4.
- (g) Other Guest lectures at UBC:
  - COMM 101: Introduction to Operations (asynch material). 2020
  - COMM 101: Introduction to Operations. 2016, 2017, 2018, 2019
  - Sauder PhD Teaching Course: Teaching quantitative topics. 2016
  - SPPH 541: Economic Evaluation. 2014
  - EMBA 512: Managing Patient Flow. 2008, 2009, 2011, 2012, 2014
  - BAHC 510: Managing Health Care System Operations. 2011, 2012
  - BAMS 504: Advanced Simulation for Decision Making. 2009

### 9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

- (a) Areas of special interest and accomplishments
- (d) Invited Presentations
  - **Huh T**, **Werker G**. Making a large class smaller, UBC First-Year Educators' Symposium, Vancouver, BC, Jan 20, 2018.
  - **Werker G**. A model for strategic planning in the Downtown Eastside, Mayor's Task Force on Mental Health and Addiction, Vancouver, BC, Jun 17, 2014.
  - Werker G. System planning of healthcare and other services in the Downtown Eastside, CORS Annual Meeting, Vancouver, BC, May 27, 2013.
  - **Werker G**. System planning of healthcare and other services in the Downtown Eastside, CHÉOS Work in Progress Series, Vancouver, BC, Jan 16, 2013.
  - **Werker G**, Puterman M, Krausz M. Strategic healthcare resource planning in Vancouver's Downtown Eastside, Whistler Winter Workshop on Mental Health and Addictions, Whistler, BC, Feb 20, 2012.
  - Werker G, Puterman M. Modelling healthcare provision in Vancouver's Downtown Eastside, INFORMS Healthcare, Montreal, QC, Jun 21, 2011.
  - **Werker G**, Puterman M, **Darud M**. Strategic planning of radiation therapists at the BC Cancer Agency. University of British Columbia, Sauder School of Business, OBHR Seminar, Feb 5, 2010.
  - Werker G, Puterman M, Darud M. Strategic planning of radiation therapists at the BC Cancer Agency, CORS-INFORMS International Meeting, Toronto, ON, Jun 16, 2009.

- Werker G, Puterman M, Darud M. An IP approach to strategic scheduling of radiation therapists at the BCCA. ORAHS Annual Conference, Toronto, ON, Jul 29, 2008.
- **Werker G**. Operations research in action in the British Columbia healthcare system. Cornell University, OR&IE MEng Seminar, Feb 21, 2008.
- Sauré A, Werker G, French J, Shechter S. The use of simulation modelling to improve the radiation therapy planning process, CORS Vancouver Meeting, Vancouver, BC, Nov 19 2007.
- Sauré A, Werker G, French J, Shechter S. Radiation therapy planning simulation modelling, BCCA Radiation Oncology Rounds – Vancouver Centre, Vancouver, BC. Nov 22, 2007.
- Sauré A, Werker G, French J, Shechter S. The use of simulation modelling to improve the radiation therapy planning process, CARO Annual Scientific Meeting, Toronto, ON, Oct 11, 2007.

### (e) Other Presentations

- Werker G, Puterman M, Krausz M. Two different models for providing healthcare in Vancouver's Downtown Eastside, INFORMS Annual Meeting, Charlotte, NC, Nov 16, 2011.
- **Werker G**, Puterman M, Krausz M. Modelling health provision in Vancouver's Downtown Eastside, INFORMS Annual Meeting, Austin, TX, Nov 7, 2010.
- **Werker G**, Puterman M. Strategic planning of radiation therapists at the BC Cancer Agency, INFORMS Annual Meeting, Austin, TX, Nov 7, 2010.
- Werker G, Puterman M, Darud M. Strategic planning of radiation therapists at the BC Cancer Agency. INFORMS Annual Conference, San Diego, CA, Oct 11 2009.
- Werker G, Sauré A, French J. Forecasting radiation therapy for head & neck cancer and breast cancer in BC, INFORMS Annual Conference, Seattle, WA, Nov 4, 2007.

### (f) Other: Posters

- Harvard S, Adibi A, McLean A, Grant D, Werker G, Murphy D, Sadatsafi M. The PEER Models Network: Transformative feedback in health economics through an online model-sharing network, Public Engagement with Science: Defining and Measuring Success Conference, Michigan, Aug 2020.
- **Harvard S**, Silva D, Werker G. Toward an Understanding of Value-Based Decisions in Health Economics & Simulation Modelling, VanHEM (Vancouver Health Economics Methodology, Vancouver, BC, May 2018.
- Sauré A, Werker G, French J, Shechter S. The use of simulation modelling to improve planning processes, Operations Research & Lean Health Care conference, Vancouver, BC, Apr 2009.

- Santibáñez P, Chow VS, French J, Puterman ML, Tyldesley S, Werker G.
  Reducing patient wait times and improving resource utilization at the BC Cancer Agency's ambulatory care unit, Mayo Clinic Conference on Systems Engineering & Operations Research in Health Care, Rochester, MN, Sep 2008.
  - > Award for best poster in applications category
- Sauré A, Werker G, French J, Shechter S. The use of simulation modelling to improve planning processes, Operating on Health Care, Vancouver, BC, Aug 2007.
- (g) Conference Participation (Organizer, Keynote Speaker, etc.)

### 10. SERVICE TO THE UNIVERSITY

- (a) Areas of special interest and accomplishments
- (b) Memberships on committees, including offices held and dates
  - Member, UBC Academic Integrity Working Group, 2021 2022.
  - Board member, Point Grey Commerce Faculty Association (PGCFA), 2020
    present.
  - Member, UBC working group Academic Integrity development of guidelines on use of remote invigilation tools, Summer 2020.
  - Member, UBC working group Large Classes Online, Spring 2020.
  - Member, Sauder Taskforce Moving Online, Spring 2020.
  - Member, Academic Programs, Teaching and Learning (APTL) Committee, Sauder School of Business, 2017 – 2020.
  - Member, BCOMM Review Curriculum working group, Sauder School of Business, 2019-2020.
  - Member, Online Assessment Review Committee, Sauder School of Business, 2016 – 2018.
  - Member, Service Excellence Committee, Sauder School of Business, 2014 2016.
  - Member, PT MBA Review Committee, Sauder School of Business, 2015 2016.

#### 11. SERVICE TO THE COMMUNITY

- (a) Memberships on scholarly societies, including offices held and dates
  - Coordinator, CORS Vancouver Chapter, 2010 2014

- (b) Memberships on other societies, including offices held and dates
  - Co-president, Sauder PhD Student Society, 2008 2009
  - Co-president, INFORMS Cornell Student Chapter, 1997 1998
- (c) Memberships on scholarly committees, including offices held and dates
  - CORS Annual Conference (2013) planning committee, 2012 2013
- (d) Memberships on other committees, including offices held and dates
  - Mature Women's Health Advisory Committee, BC Women's Hospital, 2019.

### 12. AWARDS AND DISTINCTIONS

- (a) Awards and nominations for Teaching awards (indicate name of award, awarding organizations, date)
  - Special Service Award (Sauder Online Teaching Award), 2020.
  - Killam Teaching Award for excellence in undergraduate teaching, 2019.
- (b) Awards for Scholarship (indicate name of award, awarding organizations, date)
  - Natural Sciences and Engineering Research Council PGS-D, 2008 2010
  - Shelby L. Brumelle Memorial Graduate Scholarship, 2008, 2009
  - William L. Maxwell Masters of Engineering Fellowship, 1998 1999

#### 13. OTHER RELEVANT INFORMATION

#### THE UNIVERSITY OF BRITISH COLUMBIA

#### Publications Record

SURNAME: Werker FIRST NAME: Gregory Initials: GW

MIDDLE NAME(S): Robert Date: Apr 20, 2020

### 1. REFEREED PUBLICATIONS

#### (a) Journals

- Cho S, Werker GR, Liu AY, Moghtader B, Huh WT. A Three-Party Case Study: Exploring the Value of Student Work in Co-creation in Teaching and Learning. Teaching & Learning Inquiry. 2020 Oct 6;8(2):200-20.
- Harvard S, Werker GR, Silva DS. Social, ethical, and other value judgments in health economics modelling. Social Science & Medicine. 2020 May 1;253:112975.
- Mar MY, Neilson EK, Torchalla I, Werker GR, Laing A, Krausz M. Exploring e-mental health preferences of Generation Y. *Journal of Technology in Human Services* 32.4 (2014): 312-327.
- Linden IA, Werker GR, Schutz CG, Mar MY, Krausz M. Regional patterns of substance use in the homeless in British Columbia. BC Studies: The British Columbian Quarterly, 184 (2014): 103-114.
- Neilson EK, Mar MY, Torchalla I, Werker GR, Laing A, Krausz M. Help-seeking experiences of youth with suicidal ideations. *Journal of Patient Experience*. 22 (2014).
- Wetterlin FM, Mar MY, Neilson EK, Werker GR, Krausz M. eMental health experiences and expectations: A survey of youths' web-based resource preferences in Canada. *Journal of medical Internet research*, 16(12): 2014.
- Sahoo S, Werker GR, Schutz C, Janmodammid A, Krausz M. Stimulants and cannabis use among a marginalized population in British Columbia, Canada: Role of trauma and incarceration. *International Journal of Offender Therapy and Comparative Criminology* (2014): 0306624X14541661.
- Krausz M, Werker GR, Strehlau V, Jang K. (in press). Applying addictions harm reduction lessons to mental healthcare. *Advances in Dual Diagnosis*, 7(2): 73-39, 2014.
- Werker GR, Sharif B, Sun H, Cooper C, Bansback N, Anis A. Optimal timing of influenza vaccination in patients with human immunodeficiency virus: A Markov cohort model based on serial study participant hemoagglutination inhibition titers. *Vaccine*, 32(6): 677-684, 2013.
- Linden I, Mar M, Werker GR, Jang K, Krausz M. Research on a vulnerable neighbourhood—The Vancouver Downtown Eastside from 2001 to 2011. *Journal of Urban Health*, 90(3): 559-573, 2012
- Werker G, Sauré A, French J, Shechter S. The use of discrete-event simulation modelling to improve radiation therapy planning processes. *Radiotherapy and Oncology*, 92(1): 76-82, 2009.