

Jennifer Joy Brenley Nyhof  
BSc., BEH, DVM, PhD  
431-278-6383

409 - 701 Sterling Lyon Parkway  
Winnipeg, Manitoba, Canada, R3P 2V1

### **Education**

Post-Doctoral Fellowship [2023 - Present]

Neurolinguistic Programming

Thompson Birch University

Professional Certificate in Data Science / Machine Intelligence [2022 - 2023]

[Data] Visualization / Learning / Algorithm Design, Analysis, Validation

Thompson Birch University

Doctor of Philosophy (PhD) [2016 - 2022]

Neurolinguistic Programming

Thompson Birch University [Honors with High Distinction]

A.O.V.I. Technology [see further] / Lumenation (R) Technology / JayCee Hallows / The Back Road to Quon.

Doctor of Veterinary Medicine (DVM) [2012 - 2016]

Western College of Veterinary Medicine [Honors with High Distinction]

University of Saskatchewan

Bachelor of Environmental Public Health [2005 - 2007]

Concordia University [Honors with High Distinction]

Bachelor of Science [2000 - 2005]

Four Year Major [Biological Sciences]

University of Manitoba

Certificate in Bartending [2004]

Fine Art Bartending School

Private Vocational School [Manitoba]

### **Qualification and Professional Licensure**

Certificate of Qualification [North American Veterinary Licensing Examination / NAVLE] [Canadian Veterinary Medical Association]

Veterinarian, Division of Professional Licensure [DPL], Board of Registration in Veterinary Medicine [State of Massachusetts, United States of America]

Private Licensure [Province of Manitoba, Canada]

Member [Canadian Veterinary Medical Association]

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### Professional Experience

#### Regional Relief Veterinarian [2022 - 2023]

Rarebreed Veterinary Partners [Canada / U.S.A. / Mexico]

\*Clinical Practice [Companion Animal]

\*Advanced Education [Instruction]

\*Electronic Medical Records [Database Design / User Interface]

#### CEO / Core Facilities Manager [2022 - Present]

iGATuBioBank [82146][see further]

\*Oversee the operation of a biopharmaceutical research, development, and teaching facility

#### CEO / Medical Director [2012 - Present]

Head of Neurolinguistic Programming / Machine Intelligence Division [see further]

375at6 Virtual Solutions Ltd.

\*Founded an internationally recognized enterprise best known for its innovative, application-based technologies

\*Established a novel market research strategy that utilized a proprietary, evidence-based model for data analysis

\*Leveraged skill set to help clients navigate the e-commerce, trade, and tourism sectors

\*Crafted a business development model, recognizing the importance of community engagement, leadership qualities, and social responsibility as key factors that drive innovation, support industry growth, and benefit the triple-bottom line

#### Chief of Staff / Medical Director [2016 - 2020]

Thompson Veterinary Clinic [Small Animal / Ambulatory Veterinary Practice]

\*Championed a flourishing, small animal veterinary practice, built upon the tenets of integrity, responsibility, and the highest standard of clinical care

\*Developed a community-focused, client-centered business model that garnered wide-spread support and demonstrated progressive annual increases in revenue

\*Launched a digital marketing program that resulted in a 15% decrease in the cost of customer acquisition

\*Developed policy and a novel database to document employee training, recognize employee achievements, and complement human-resource management goals

\*Implemented a monthly employee performance review program resulting in a 10% decrease in employee absenteeism, a 22% decrease in lost wages, and fostered a more cohesive, collaborative work environment

\*Formulated strategic partnerships to facilitate program delivery in the following areas: human resources, information technology [practice management software / electronic medical records], supply chain management [logistics / purchasing / procurement], clinical protocol development, and study design [retrospective]

\*Acquired extensive managerial experience [two associate veterinarians, ten support staff]

#### Elections Canada [2011]

\*Returning Officer [Polling Station / Paint Lake Provincial Park, Manitoba, Canada]

#### Statistics Canada [2010]

\*Labour Force Survey / Census of Population [Government of Canada]

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Public Health Inspector / Environmental Health Officer [2007 - 2011]

Government of Manitoba [Manitoba Health] / Government of Canada [Health Canada / First Nations and Inuit Health]

\*Responsible for delivering a dynamic health program portfolio, encompassing the following areas: food safety, built environment [housing / air quality], and water safety [drinking water / recreational water]

\*Performed education, inspection, and enforcement activities pertaining to public health legislation

\*Maintained peace officer status during employment [Manitoba Health]

\*Administered educational and professional development programs [FoodSAFE / Safe Food Handler Training] and Transportation of Dangerous Goods [TDG] to fulfill community needs

\*Per public health and safety mandate, acted as a liaison between government agencies, non-government organizations, industry professionals, community leaders, and members of the public

Envirotest Laboratories / ALS Laboratories [2004 - 2005]

Analyst [Microbiology / Environmental Division]

\*Performed standardized and accredited analyses on drinking water, recreational water, food, sand, and soil, for the purpose of isolating bacteria, protozoa, and fungi

\*Compared test results with applicable standards and guidelines to determine compliance

\*Notified necessary personnel to advise of any deviation, for corrective action and follow-up

\*Knowledgeable with regards to cGMP / HACCP

Transport Canada [Government of Canada] 2002

Human Resource Assistant

\*Responsible for data entry and database design

City of Winnipeg [2000]

\*Materials Management

Industry / Sector-Specific Experience [Entertainment / Media / Broadcast Journalism]

\*Novelist / Digital Creator [JayCee HaLLows / DoctorXXX.com]

\*Adaptation for film [the countermeasure / The Back Road to Quon.]

\*Main Extra [The Adventures of Shirley Holmes [Series / YTV] / Credo Entertainment Group

Industry / Sector-Specific Experience [Hospitality / Guest Services]

\*JK's Comfort Kitchen [Owner-Operator / Mobile Food Service Establishment]

\*Canad Inns - Aaltos Restaurant [Supervisor / Server / Hostess]

\*Branigan's Restaurant [Bartender]

\*Canad Inns - Illusions Night Club [Security / Hostess]

Innovation / Research / Development

Patent 18/062,936

[A novel pacifier-type device [system] for the delivery of oral and transmucosal therapeutic agents] [vaccine/biologic] [pharmaceutical]

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### Publication

In-vivo, autogenous fertilization and early embryonic development in the nasopharynx of a healthy, human female patient consequent to congenital oviduct transposition. Implications for inner cell mass (ICM) human embryonic stem cell (hESC) research and beyond: a case report. Author.

### Continuing Education and Professional Development

Manitoba Veterinary Medical Association. Board of Executives. Council Member.

Research Involving Animals. National Institute of Health Office of Laboratory Animal Welfare. Virtual Seminar on Program Funding and Grants Administration.

Humane Care and Use of Laboratory Animals. Federal Regulation of Use of Laboratory Animals for Research. National Academy of Sciences. Institute for Laboratory Animal Research. University of Virginia. School of Law. Laws and Regulations Governing the Care and Use of Laboratory Animals: An Overview.

Expert Commentary. City of Thompson [Veterinarian][By-Law / Enforcement / Standards/ Breed-Specific Legislation / Pet Ownership]

Thompson Humane Society. Board of Directors. [Veterinarian].

Laboratory / Clinical Research [Care and Handling]. Canine [Beagle]. Western College of Veterinary Medicine. University of Saskatchewan.

Fish [Elective Course]. Western College of Veterinary Medicine. University of Saskatchewan.

Wildlife and Exotic Animal Medicine Society. Western College of Veterinary Medicine. University of Saskatchewan.

Care and Handling [Husbandry]. Guinea Pig [Laboratory] Medicine. Private Vocation.

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iGATuBioBank [82146][Jennifer Joy Brenley Nyhof]

**Frozen Plasma [Constituents]**

Cell Type	Number of Cells (/mL)	R.I. (/mL)
C.D.9+	4000	1
C.D.90+	8520	8
C.D.1+ [omnipotency]	436	0

Biochemistry		R.I. (mg/dL)
Total Protein (mg/dL)	85360.0	3631.0
Albumin (mg/dL)	0.36	0.05
Globulin (mg/dL)	63.6	1.36
D-Dopa [D-enantiomer] (µg/mL)	4.31	

Immunology	units / mL	R.I.	
IgD	4.32	IgA > IgG > IgD > IgE > IgM	
IgA	3.31		
IgG	2.16		
	IgG <sub>1</sub>		3.60
	IgG <sub>2</sub>		2.70
	IgG <sub>3</sub>		1.60
	IgG <sub>4</sub>		9.60
IgM	3.12		
IgE	1.61		
Comments: IgD-IgA dimers noted.			

R.I. [Reference Interval]

C.D. [Cluster of Differentiation]

Ig [Immunoglobulin]

A.O.V.I. [aural, oral, and visual imagery with tactile enhancement] T.echnology			
[frequency] [f][Hz]	[decibel] [dB][range]	[notes on sound production]	[perception]/[effect]/[outcome]
[perceived as pitch]	[perceived loudness]		[receiver/recipient of message]
Physiological resonance 3 - 8 Hz [see further]			
1.0 Hz	+5.0 dB - +20.0 dB	sitting, standing (nearly) completely still; peak expiration; breath hold; slight mouth and jaw movement [nasopharynx]; [melody][harmony][spoken word]	calm
5.0 Hz [low G][16 <sup>th</sup> octave]	+10.0 dB - +20.0 dB	standing, sitting, lying down / sleeping [supine, semi-supine] [per R.E.M. cycle]; with narrow impedance; on very slight exhalation [open glottis][oropharynx][mouth]; [melody][harmony][spoken word]	anti-nausea, anti-emetic, analgesia, euphoria, attractiveness, orgasm quality [climax], vasodilation, improved speech pattern and articulation, to be likened by all
6.0 Hz	+20.0 dB	lying down / sleeping [supine][per R.E.M. cycle], transition [inflection] to 5.0 Hz; [melody][harmony][spoken word]	nice, content, happy [feeling/emotion]
6.0 Hz	+40.0 dB	lying down / sleeping [supine][per R.E.M. cycle], transition [inflection] to 20.0 Hz; [melody][harmony][spoken word]	orgasm [climax]
10.0 Hz	+10.0 dB	standing tall, sitting tall, neck held in dorsoflexion 10° off horizontal; with projection throughout respiratory phase; [melody][harmony][spoken word]	excited, alert
12.0 Hz	+10.0 dB	standing tall, sitting tall, neck held in dorsoflexion 20° off horizontal; with projection throughout respiratory phase; [melody][harmony][spoken word]	happy, excited, energetic, satiety, social awareness, spatial awareness; [perpetuated over proceeding 1 minute]
20.0 Hz	+25.0 dB - +40.0 dB	standing, sitting, neck held in normoflexion 0° off horizontal, with projection throughout respiratory phase, further on exhalation; [melody][harmony][spoken word]	increased focus, attention to detail, observational capacity, motivation; [1 minute to initial effect][perpetuated over proceeding 5 minutes thereafter]

R.E.M. [Rapid Eye Movement]

Hz [Hertz][S.I. Unit of Frequency]

dB [Decibel]

With acknowledgement and reference to Morton and Ohlbaum. August 1976. Mechanical Resonant Frequency of the Human Eye in Vivo. Aerospace Medical Research Laboratory. Aerospace Medical Division. Air Force System Command. Wright-Patterson Air Force Base, Ohio, 45433. Attn: A

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