

Danny Peter Flores

Writer - Biotechnologist

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An entry-level worker/labourer in either the laboratory/experimental farm setting or retail worker seeking opportunities either in a food/biological lab facility and/or their related business enterprise or working in grocery services with a large supermarket chain. Possess excellent customer service skills from 1.8 years of employment at Loblaws Ltd. and Petcetera Canada Ltd. (cashier, receiver, stocker, customer service, courtesy and front end associate, grocery associate). I also earlier started work in retail at a dollar store, The Dollar Giant.

Key Strength:

- Excellent communication skills: problem solving, active listening and negotiation
- Dedicated to providing knowledgeable, superb customer service
- Detail-oriented and experience with time management in shift (things to do, what's been done, and to be done)
- Good product knowledge
- Responsible, dependable and possess a great work attitude

Work Experience

Freelancer; An Academic writer

Skye Blue Internet - Port Coquitlam, BC

July 2007 to Present

Skye Blue Publications Coquitlam/Port

Coquitlam, BC formerly now SB Internet

- Paid Search. Internet on the world-wide web as a basis from going online. E.G. research notes, peer-reviewed papers and essays or white papers to industry.
- Internet-based Research. Animal, Foodie Specialties, Health and Biofuels and Biorenewables in various topical areas.
- Self-publishing. Preparation of MS or writing composition in scientific style of text - composing argument including with hypotheses, listing support evidence for or against, making inferences and drawing concrete conclusions of the arguments presented, copy editing and proofing a text in MS form with use of Microsoft Word, electronic submission, e. g. upload of MS, and trust and grant funding or crowd funding in campaign or public solicitation for presentation with oral and writing skills.

Courtesy Store Associate

Loblaws Foods Ltd - Coquitlam, BC

2005 to 2007

Providing customer service in the grocery, sundries and various specialty products through product knowledge. As to my experience, this candidate employee lacked team participation apart from being directly answerable to the Store Manager and being of benefit to me.

- Refreshing/cleaning/sanitizing customer amenities including public and upstairs staff washrooms.

- Loading cardboard recyclables in blue carts store-wide and onto dry compactor for inside vendor sale.
- Shelf stocking and clean-up in groceries and various sundry goods including store ticketing.

Farm Hand/Laboratory worker in Animal Science

McDonald College of McGill University - Montréal, QC

September 1981 to August 1985

Handled "live" biological samples likened to food manufacturing on the farm, including wet and dry feeds, digesta and fecal output and blood including using grinding equipment, ovens to dry samples and determine standard lab gravimetric proximal analyses and other more sophisticated methods (e. g. various chromatography).

We kept meticulous records of all figures (date) to calculate further results to be analyzed statistically as handled my computer [SAS(R) platform] and most importantly to, technically, with knowledge of the literature: interpret, draw inferences, qualify and make apt conclusions on the results (requiring a Masters degree in animal nutrition).

Published results with the scientific literature as a result for my efforts to continue work with publishing, in the long term, to this day (2023).

Education

some college in Educational Access

Douglas College - New Westminster, BC

September 2010 to December 2011

No diploma in Hospitality & Tourism

BC Tourism Coaching Centre - Surrey, BC

September 2009 to December 2009

DCS / DEC in Customer Service and Cashier Training

Douglas College - Coquitlam, BC

September 2004 to December 2004

Masters of Applied Science in Biotechnology

University of New South Wales - Sydney NSW

March 1987 to October 1988

BA in Chemistry

Kalamazoo College - Kalamazoo, MI

1976 to 1980

Skills

- Copy Editing
- Writing Skills
- Blogging
- SAS

- Research
- Calibration
- Communication skills
- Chromatography
- Proofreading
- Spectroscopy
- Laboratory Experience

Links

<https://twitter.com/search?q=danny+agustin+flores>

<https://www.facebook.com/DaFlorda112>

<https://www.linkedin.com/in/danny-agustin-peter-flores-26085572>

Awards

Marquis Who's Who in America, 2014 - present (Atlanta, GA USA)

September 2014

Achievements. Published and have research the scientific/trade literature in the fields of agrobiotech/ food/ health through the world-wide web. Published from 1986 in Canada, 1 masteral thesis or literature report (cf. FRG, Germany), 4 original peer-reviewed papers, 2 original reviews, 2 monographs (Indie) with one other on the way. I heavily blog on the 'Net on topics with the Life Sciences (Agriculture & Health)/Biomedical Sciences (Health, Pharma & Biotechnology). I am also a member of The Research Coop as an inventor of Kyoto, Japan. The company I set up is a one-man outfit, Skye Blue Publications (imprint, e. g. for desktop publishing; other imprints are Xlibris LLC, IN USA and Mill City Press Inc., FL USA), now called, Skye Blue (SB) Internet.

Overseas Postgraduate Research Scholarship (OPRS), Univ. of New England Australia

March 1992

Funding to cover matriculation towards a Ph.D. awarded degree at UNE (AU), Armidale NSW Australia from 1992-1995 (stipend provided by family) at the School of Rural Sciences now Environmental and Rural Sciences (ERS) by research (only). This provided to have me formally attend to the challenge of writing an original tome or scholarly monograph on low quality based fibrous feeds, their utilization towards animal livestock production and food and also lending itself to energy or biofuel manufacturing from fibre or fibroin. It was first published by self-publishing at Xlibris LLC, Bloomington IN in the USA. The author continues his research activities in animal production with ruminant nutrition as a focus or concentration, updating past editions or volumes and publishing in peer-reviewed journals in the scientific literature. He is planning to enter research continuing his experience in silage research, bioinformatics, aquatic based botanicals as forage and molecular biology and biochemistry (MBB) at SFU, Burnaby campus, BC Canada.

Groups

The Skye Blue Group - A youth organization

September 2022 to Present

A youth organization for mail and email marketing with young adults/adults (with parental guidance) as interested shareholder within the biotech industry (farmers, food processors, investors, entrepreneurs, industry workers, science professionals, techies, students) through promoting current issues in biotech, generating FYI sourced materials distributed by mail.

There are regular bottle drive with crowdfunding campaigns to help support activities. Our Principal is funded through private trust finances for Indie publishing contractual arrangement using Skye Blue Publishing, Skye Blue Internet, Indie publishing cos. and International "Calculator" Print and Distribution. We also our publish peer-reviewed papers as academic writers in industry as research notes, comment papers, survey reviews, at this time.

Publications

A Compilation of Lignocellulose Feedstock and Related Research of Feed, Food and Research.

<https://www.kobo.com/us/en/ebook/a-compilation-of-ligno-cellulose-feedstock-and-related-research-for-feed-food-and-energy-1>

January 2013

A monograph collection on various topics with implications on new or possible advances with lignocellulose research in regards to animal feeding and also lending itself to bioenergy feedstock. It is an informative discussion for the research scientist, and in particular, the specialist in ruminant nutrition covering such topics as follows. Enzyme technology, applied to crop post-harvest technology, with novel microbial anaerobic lignases, aerobic lignases and other extracellular fibrolytic enzymes (EFEs), boosting water-soluble carbohydrate (WSC) content in new tropical forage-type feeds, action of proteases in plant feed material and digestion, lowering lignin content and use of lacasse for bio-bleaching lignocellulose. Feed resources discussed, in particular in Asia, including sugarcane and use of bagasse and tops, grasses and legumes, with resources for food and feed farming systems and legume browse tree and shrubs for feed. The issues of various pre-treatments and crop improvements with biotechnology and digestion are discussed.

Issues with Temperate and Tropical Ensilage Protein and Amino Acid Feeds Utilization: a research note.

https://www.scirp.org/pdf/as_2022110414410773.pdf

November 2022

PAPER ABSTRACT. Alfalfa protein breakdown was to soluble NPN of oligopeptide-N, AA-N, amide-N, amine-N and NH₃-N. Acidity (pH) and moisture (Aw) are critical in determining extent of fermentation and changes in composition. Further changes in digestive flows and post-prandial plasma AA are indicators of protein status. Dual-purpose cropping and tree plant cropping was with ensiling management of the undergrowth. On-farm field-drying and probiotic additives are promising. It is suggested acidity with propionic acid and microbial inoculants together with field-drying and chop length are required to optimize profile qualities in silage. It is proposed use of denaturing with acid and dust cropping with a hypothetical PNA-Auxin repressor to plant protease. Further study with

field-drying to follow is needed. Feeding HIS, ARG and LEU AA supplement to change GRH and GH profiles could be used to promote LBM in production. Dual-purpose cropping can expand subsistence to mixed farming with expanded livestock products and services and resources. PNA-Auxin and PNA-ARF penetrates the plant shoot tips to deliver a TF mRNA to boost proteins in residual cell tissues. Ensiled % AA-N delivery per os to per duodenum was higher; yet total AA-N flow was higher in the control. It is suggested that “bulk” flow was less but with a “tighter” conversion on TAA. FAA was 145% higher in the ensiled versus the fresh control indicating the ENU with less PFAA supplied. FAA on the ensiled diet is high inferred to be more soluble and escape lower from the rumen. WSC are less supplied in fermented forage with VFA being lower and presenting the question whether WSC should be supplied for energy and also with EFE through breaking down of polymers of lignocellulose. It was surmised, although not known, that higher dilution rate (% hr⁻¹) was true on the fresh diet compared to the ensiled although end-products may initially detract with feed but that further digestion in the fresh feed may be higher with intake. Plasma AA before and after absorption or feeding are indicators of synthesis and breakdown. No data was available on N status; protein nutrition on neat silage was probably due to net efflux of AA with mobilization before influx with feeding and subsequent insulin action for uptake. Estuarine aquatic plant spp., water hyacinth used in the Philippines and duckweed studies in Australia, and post-harvest treatment with chemical additives and anti-microbial agents to help control potential transfer of diseases. “Greens” as supplements has yet to be established for anti-microbial properties for animal health and welfare. In conclusion, alfalfa silage fed at standard 0.6 cm particle size and wilted led to dramatic changes with AA breakdown, dramatic changes in duodenal AA flows from escape and recapture into microbial cells. Also N status of animals was compromised by lack of adequate “stores”, mobilized, resulting in a net decrease in total plasma AA with insulin-dependent uptake to tissue

Silage Feeding with Water Hyacinth in the Tropics: a research note.

https://www.scirp.org/pdf/as_2022022414472510.pdf

February 2022

PAPER ABSTRACT. Water hyacinth has ecological significance in addition to its agricultural and energy uses. Lower quality silage is defined in this paper as requiring nitrogen supplementation and treatment to improve nutritive value (NV). Ensilage of water hyacinth as a test case centers largely around the process to optimize protein nitrogen retention in silage-based regimens. A previous hypothesis proposed earlier by the author of that of functional amino acid ratios [tyrosine (TYR): large neutral amino acids (LNAA), tyrosine (TYR): phenylalanine (PHE)] were subsequently found to be counter to what the given schemata predicts. And subsequently with another study there was no corroborative evidence for it to support the espoused hypothesis using the same schemata. The role of N status is still the most viable option among factors from studies continuing how amino acids like histidine (HIS) and arginine (ARG) and their growth-related endocrine functions play a role. There are other schemas illustrating non-homeostatic type regulation with protein intake. To focus on molecular-level mechanisms to ruminal protein digestion it is becoming clear what factors in feed and microbial cell fermentation contribute to optimizing microbial cell protein (MCP) synthesis from ATP with organic matter (OM) digestibility and preformed amino acids (PFAA) from peptides and free amino acids in addition to non-protein nitrogen (NPN), the former more efficiently assimilated in MCP than NPN in the rumen. Accordingly, it has been recommended that soluble proteins fed to dairy cows not exceed microbial requirements along with high dietary escape protein fed with a sufficient amino acid profile to meet dairy production