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**BOARD OF AGRICULTURE AND CONSUMER SERVICES
VIRTUAL MEETING VIA WEBEX**

Tuesday, July 2, 2024

11:00 A.M.

1. Call to order
2. Roll call
3. Approval of draft Board meeting minutes from May 23, 2024
4. Virginia Beer Distribution Company Board of Directors Appointments – Joseph Guthrie, Commissioner of Agriculture and Consumer Services
5. New business
6. Future Board meetings
7. Public comment period
8. Adjourn

DRAFT MINUTES

Board of Agriculture and Consumer Services
Patrick Henry Building
East Reading Room
1111 E. Broad St
Richmond, Virginia

Thursday, May 23, 2024

The meeting of the Board of Agriculture and Consumer Services (Board) convened at approximately 9:01 a.m. on Thursday, May 23, 2024, at the Patrick Henry Building. President Horsley called the meeting to order.

ROLL CALL

The Board Secretary called the roll:

PRESENT

Keith Harris
Donald Horsley
Raymond Keating
Brittany Jones
Cecil Shell
Margaret Ann Smith
Jacquelin Easter
Kailee M. Tkacz Buller
James S. Huffard, III
Richard Sellers
Neil Houff
Charles Church
Dr. Robert Corley

Dr. Alan Grant

CONGRESSIONAL DISTRICT

1st
2nd
3rd
4th
5th
6th
7th
8th
9th
11th
Pesticides – Commercial Agricultural
Pesticides – Commercial Structural
Representing Dr. Makola Abdullah, President,
Virginia State University
Representing Dr. Timothy D. Sands, President,
Virginia Tech

ABSENT

Tyler Wegmeyer 10th

STAFF PRESENT

Joseph Guthrie, Commissioner, Virginia Department of Agriculture and Consumer Services (VDACS)
Kevin Schmidt, Secretary, Board of Agriculture and Consumer Services
Nicolas Robichaud, Policy Assistant, VDACS

APPROVAL OF MINUTES

Mr. Sellers asked a question regarding the motion pertaining to Office of Pesticide Services Case # 73148 as represented in the draft minutes of the meeting on March 21, 2024, which was clarified by Mr. Schmidt. Mr. Sellers withdrew his question and moved that the draft minutes of the meeting on March 21, 2024, be approved as distributed. Ms. Smith seconded the motion. The Board voted unanimously to approve the motion.

ELECTION OF OFFICERS

President Horsley asked Commissioner Guthrie to preside over the election of the President. Commissioner Guthrie called for nominations for President from the Board. Jacquelin Easter nominated Donald Horsley. There being no other nominations, Commissioner Guthrie closed the nomination and called for a vote on the nominee. The Board elected Mr. Horsley as President by a unanimous vote. Commissioner Guthrie then asked President Horsley to preside over the remaining elections.

President Horsley opened the floor for nominations for Vice President. Jacquelin Easter nominated Margaret Ann Smith. There being no other nominations, President Horsley closed the nomination and called for a vote on the nominee. The Board elected Ms. Smith as Vice President by a unanimous vote.

President Horsley then called for nominations for Secretary. Charles Church nominated Kevin Schmidt. There being no other nominations, President Horsley closed the nomination and called for a vote on the nominee. The Board elected Mr. Schmidt as Secretary by a unanimous vote.

All three officer positions become effective July 1, 2024, and run through June 30, 2025.

REPORTS FROM BOARD MEMBERS

Charles Church

Mr. Church remarked on the Virginia Pest Management Association's (VPMA) ongoing commitment to provide quality training and recertification across Virginia. VPMA is in their heavy training season, which typically runs through June. Mr. Church anticipates that from March to the end of June, they will have trained over 400 technicians.

Neil Houff

Mr. Houff shared that with chemistry and supply chains strong and steady spring weather, business in the Valley is good. He noted that the Virginia Crop Production Association has put new effort into their online presence, promoting the pesticide industry in Virginia across Facebook, Instagram, and LinkedIn. Mr. Houff added that he is looking forward to hosting the Summer Board meeting in the Valley and is excited to highlight agriculture in the region.

Keith Harris

Mr. Harris extended his appreciation for Secretary of Agriculture and Forestry Lohr and Commissioner Guthrie's attendance at the Warsaw Agricultural Research and Extension Center's (AREC) Virginia Small Grains Field Day. In his district, corn is nearly completely planted, beans are roughly 75 percent planted, and small crop is generally looking good. Mr. Harris shared concerns that he and farmers in his area have regarding cover crop funding through the Soil and Water Conservation District, with prices going up \$40-50 per acre in some areas and the impact that has had on small farmers. He also stated that he has shared his concerns regarding soil health and efficiency with the Soil and Water Conservation District President.

Raymond Keating

Mr. Keating remarked on Mr. Harris' comments regarding cover crops, noting that Virginia harvested less than half of the wheat it planted last year. He shared that the Board of Directors

of Perdue Foods recently visited the Chesapeake Terminal as a part of their annual meeting in Norfolk. One major aspect of their visit was observing a recently installed \$50 million extractor in their soybean plant, a major investment made to a plant that was built in the 1950s. They plan on making further improvements to increase its capacity by over 50 percent over time.

Brittany Jones

Ms. Jones shared that it has been very wet in the 4th district, which has led to some cropping delays. Prices in the dairy sector have been steady, though they continue to monitor emerging issues.

Cecil Shell

Mr. Shell reported that weather in the Southside area has been volatile, with a dry start followed by heavy rain. This has led to planting delays. At this point, corn is mostly planted, and soybeans are well on their way. Tobacco had begun planting, though the wet weather forced delays that they are hoping to move past soon. Timber harvest in the region is booming. Farmers in the region are optimistic that prices will stay up, though soybean prices are down.

Margaret Ann Smith

Ms. Smith remarked on VDACS's social media coverage of National Beef Month and encouraged everyone to participate in Virginia's beef industry this month. She echoed Mr. Houff's comments regarding the weather in the Valley, adding that corn planting is done and most cattle work is done. Cattle prices are at record highs, which has had both positive and negative impacts on both buyers and producers. National feed-yard replacements for last month were down 13 percent from previous years. Sale barn receipts are also down 3 percent from last year. Overall, the meat-side is down about 1 percent on slaughter numbers but up 70 million pounds in production. Ms. Smith concluded by thanking VDACS for its help in spreading awareness of Highly Pathogenic Avian Influenza (HPAI) management practices. Though there is an increased burden on record-keeping, these animal disease traceability standards work and ensure the safety of the supply chain across the cattle industry.

Jacquelin Easter

Ms. Easter echoed Mr. Shell's comments on the volatility of weather, though there has been a lot of farming activity and subsequent diesel fuel consumption. With this comes increased farm equipment traffic on the highways, which makes promoting safe driving practices to both the farming community and the public extremely important. Ms. Easter continues to monitor the impact of the closing of Tyson's plant in her region. This led to a decrease in acreage of corn last year and an increase in the input cost on the trucking side, which seems to have carried over to this year as well. She also noted that the season is moving quite rapidly, leading to combines going in the field early. Ms. Easter concluded her report sharing her excitement for the summer Board meeting and tour in the Valley.

Kailee M. Tkacz Buller

Ms. Buller expressed her gratitude for the Board's well-wishes regarding the birth of her third child, which prevented her from attending the March meeting. She continues to monitor the development of the federal Farm Bill, though the signing of a new Farm Bill this year seems unlikely due to political tensions. She also noted an increase of regulatory activity is highly likely on the federal level due to the election year.

James S. Huffard, III

Mr. Huffard shares that it has been wet in the Southwest and a lack of sunshine has delayed crop growth, particularly in rye. Corn planting is nearly done. Mr. Huffard echoed Ms. Smith's sentiments regarding beef prices, which have affected dairy prices as well. The number of dairy cows is not increasing, which means prices are stable. He noted that he was netting a dollar less for milk in 1984, which does not keep up with the costs over time, especially labor. Duchess Dairy continues to maximize its plant capacity and hopes to expand despite high costs. The dairy also continues to find new facilities to supply with chocolate milk.

Richard Sellers

Mr. Sellers shared his experience driving his electric vehicle from his region to Richmond, noting a lack of charging stations despite the influx of funding to support electric vehicle charging infrastructure. In Northern Virginia, generally warm weather led to early planting, though a couple days of frost has negatively impacted many. Farmers markets are opening with strong produce crops.

Dr. Robert Corley

Dr. Corley shared his regret that Virginia State University (VSU) would no longer be hosting a presidential debate leading up to this year's election. VSU graduated over 500 students in the spring, with Congressman Bobby Scott and former Governor L. Douglas Wilder delivering commencement addresses. VSU recently began its next-gen efforts resulting from a grant of about \$18.1 million to help produce the next generation of thinkers in agriculture. VSU also hosted its annual alumni luncheon recognizing the Virginia Farm Bureau Federation and other institutions. In the spirit of integrating the wellbeing of family youth and community, VSU continues to work with schools to introduce children to the agricultural space early. As a part of these efforts, VSU has helped establish several community gardens across Virginia. A trip to visit Chonnam National University in South Korea has been postponed. The visit was intended to highlight VSU's work on processing jack beans and soybeans into pharmaceuticals. Representatives from Chonnam University will visit Virginia soon. VSU has begun preparing for its upcoming advocacy meetings in the coming months. Dr. Corley expressed his appreciation of Dr. Alan Grant's work for agriculture in the Commonwealth and congratulated him on his retirement.

Dr. Alan Grant

Virginia Tech's College of Agriculture and Life Sciences celebrated over 750 graduates early in May. Virginia Tech is preparing for the fall semester, though with many new students arriving early and several thousand students staying on campus, many summer activities are taking place. Enrollment has been steadily strong for the past several years. A newly-constructed large classroom building on campus has given the College of Agriculture and Life Science significantly more laboratory space. The Governor's School for Agriculture will be held June 23 - July 20, which provides an opportunity for about 100 high school students across Virginia to gain valuable agricultural experience. The 4-H State Congress meets on Virginia Tech campus in late June, shortly followed by the Virginia FFA convention. Dr. Grant also thanked Commissioner Guthrie and Secretary Lohr for their participation at the Eastern Virginia AREC Field Day and noted that several other field days will be taking place at other ARECs across Virginia. The national search for the next Dean of Agriculture and Life Sciences is on-going, with many qualified candidates currently being interviewed.

Donald Horsley

Mr. Horsley reports an excellent planting season in his region after the wettest March on record. Corn began planting in early April and finished quickly. Good progress has been made planting soybeans despite some recent heavy rain. Mr. Horsley anticipates that wheat harvest will be early this year and expressed worry that the dry stretch in May will have a negative impact. Farmers in the 2nd District have had trouble finding farm help, relying heavily on H2A. Mr. Horsley concluded remarking on the new classroom building in Virginia Tech mentioned by Dr. Grant and noted that it will be used to host the next Board of Visitors meeting.

COMMISSIONER’S REPORT

During Commissioner Guthrie’s presentation of his report, he briefed the Board on personnel changes, recent events, and other matters relating to VDACS. A copy of the written report on which his presentation was based was included in the Board meeting agenda and materials.

Mr. Harris asked Commissioner Guthrie about a recent reported case of HPAI in Texas and its potential impact on Virginia, which Commissioner Guthrie addressed. Ms. Smith also commented on the increased paperwork that other states are beginning to require due to HPAI and expressed her hope that Virginia would mirror other states’ requirements should additional paperwork be required.

LEGISLATIVE UPDATE

President Horsley called on Kevin Schmidt, Director, Office of Policy, Planning, and Research, to deliver an update on bills that VDACS tracked during the 2024 Session of the General Assembly.

BUDGET UPDATE

President Horsley called on Dewey Jennings, Director, Administration and Finance, to deliver an update on VDACS’s budget for fiscal years 2025 and 2026.

Commissioner Guthrie and Joel Maddux, Deputy Director, Division of Consumer Protection, provided the Board with background information regarding a change in funding from the charitable solicitations fund and addressed a question from Ms. Buller about the reallocation of that funding. Commissioner Guthrie also provided background information regarding the Office of Farmland Preservation’s transfer to the Virginia Department of Forestry.

MEETING RECESS

At 10:37 a.m., President Horsley recessed the meeting.

At 10:51 a.m., President Horsley resumed the meeting.

PROPOSED STAGE – 2 VAC 5-455 (REGULATIONS FOR TRADESPERSONS INSTALLING INVASIVE PLANT SPECIES)

President Horsley called on David Gianino, Program Manager, Office of Plant Industry Services, to brief the Board on the proposed stage for 2 VAC 5-455.

Mr. Sellers asked for clarification on the investigation processes and what would qualify as written notification related to the proposed action. Ms. Smith asked for an estimation of the scope of individuals that would be affected by the proposed action.

Mr. Sellers moved that the Board of Agriculture and Consumer Services adopt 2 VAC 5-455, Regulations for Tradespersons Installing Invasive Plant Species, as presented by staff today, and that the Board authorize staff to take any and all steps necessary to file this proposed regulation for public comment. Mr. Huffard seconded the motion. The Board voted unanimously in favor of the motion.

PROPOSED FAST-TRACK ACTION TO REPEAL 2 VAC 5-336 (REGULATIONS FOR ENFORCEMENT OF THE VIRGINIA TREE AND CROP PESTS LAW – SPOTTED LANTERNFLY QUARANTINE)

President Horsley called on David Gianino, Program Manager, Office of Plant Industry Services, to brief the Board on the proposed fast-track action to repeal 2 VAC 5-336.

Mr. Harris asked a question regarding the movement of funds related to repealing the quarantine, which Mr. Gianino and Commissioner Guthrie addressed.

Mr. Sellers moved that the Board of Agriculture and Consumer Services repeal 2 VAC 5-336, Regulations for Enforcement of the Virginia Tree and Crop Pests Law - Spotted Lanternfly Quarantine, and that the Board authorize staff to take any and all steps necessary to repeal this regulation through a fast-track regulatory action. Mr. Houff seconded the motion. The Board voted unanimously in favor of the motion.

PROPOSED FAST-TRACK ACTION TO AMEND 2 VAC 5-510 (RULES AND REGULATIONS GOVERNING THE PRODUCTION, PROCESSING, AND SALE OF ICE CREAM, FROZEN DESSERTS, AND SIMILAR PRODUCTS)

President Horsley called on Hunter Moyer, Dairy Program Supervisor, to brief the Board on the proposed fast-track action to amend 2 VAC 5-510.

Mr. Sellers asked whether the changes outlined in this regulation would comply with the Food Code, which Mr. Moyer addressed.

Ms. Jones moved that the Board of Agriculture and Consumer Services amend 2 VAC 5-510, Rules and Regulations Governing the Production, Processing, and Sale of Ice Cream, Frozen Desserts, and Similar Products, as presented by staff today, and that the Board authorize staff to take any and all steps necessary to amend this regulation through a fast-track regulatory action. Ms. Easter seconded the motion. The Board voted unanimously in favor of the motion.

VIRGINIA BEER DISTRIBUTION COMPANY UPDATE

President Horsley called on Commissioner Guthrie to provide an update on the Virginia Beer Distribution Company.

Commissioner Guthrie also alerted the Board that VDACS will likely request a brief special Board meeting in early July to appoint members to the newly established Virginia Beer Distribution Company Board of Directors. Justin Bell, the Board's attorney, alerted the Board that it may not be allowed to meet virtually before a new virtual meeting policy is made in the new fiscal year.

Board of Agriculture and Consumer Service

May 23, 2024

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Mr. Huffard moved for a special meeting of the Board to take place July 2, 2024, at 11:00 a.m. virtually, if allowed, or, if not, in person in Richmond, for the purpose of appointing members to the Virginia Beer Distribution Company and other business as may need to be conducted by the Board at that time. Mr. Sellers seconded the motion. The Board voted unanimously in favor of the motion.

NEW BUSINESS

There was no new business brought before the Board.

FUTURE BOARD MEETINGS

President Horsley noted the upcoming summer Board meeting on July 31, 2024, and Mr. Houff provided further information regarding the Board meeting and subsequent tours on August 1, 2024. President Horsley also noted the December 12, 2024, Board meeting in Richmond.

PUBLIC COMMENT PERIOD

Paulette Dean, representing the Danville Area Humane Society, spoke to issues regarding euthanasia numbers.

Representing the Virginia Nursery and Landscape Association, Matt Berry, Cameron Stanley, and Katie Hellebush each commented on desired changes to 2 VAC 5-455.

Rod Walker, representing Blue Ridge Prism, also commented on desired changes to 2 VAC 5-455.

ADJOURNMENT

There being no further business, the Board adjourned at approximately 12:04 p.m.

Respectfully submitted,

Donald Horsley
Board President

Kevin Schmidt
Board Secretary

VIRGINIA ACTS OF ASSEMBLY -- 2023 SESSION

CHAPTER 597

An Act to amend and reenact §§ 3.2-102, 4.1-206.2, 4.1-223, 4.1-225.1, 4.1-231.1, and 4.1-310.1 of the Code of Virginia, relating to alcoholic beverage control; beer distribution.

[H 2258]

Approved March 26, 2023

Be it enacted by the General Assembly of Virginia:

1. That §§ 3.2-102, 4.1-206.2, 4.1-223, 4.1-225.1, 4.1-231.1, and 4.1-310.1 of the Code of Virginia are amended and reenacted as follows:

§ 3.2-102. General powers and duties of the Commissioner.

A. The Commissioner shall be vested with the powers and duties set out in § 2.2-601, the powers and duties herein provided, and such other powers and duties as may be prescribed by law, including those prescribed in Title 59.1. He shall be the executive officer of the Board, and shall see that its orders are carried out. He shall see to the proper execution of laws relating to the Department. Unless the Governor expressly reserves such power to himself, the Commissioner shall promote, protect, and develop the agricultural interests of the Commonwealth. The Commissioner shall develop, implement, and maintain programs within the Department including those that promote the development and marketing of the Commonwealth's agricultural products in domestic and international markets, including promotions, market development and research, marketing assistance, market information, and product grading and certification; promote the creation of new agribusiness including new crops, biotechnology and new uses of agricultural products, and the expansion of existing agribusiness within the Commonwealth; develop, promote, and maintain consumer protection programs that protect the safety and quality of the Commonwealth's food supply through food and dairy inspection activities, industry and consumer education, and information on food safety; preserve the Commonwealth's agricultural lands; ensure animal health and protect the Commonwealth's livestock industries through disease control and surveillance, maintaining animal health diagnostic laboratories, and encouraging the humane treatment and care of animals; protect public health and the environment through regulation and proper handling of pesticides, agricultural stewardship, and protection of endangered plant and insect species; protect crop and plant health and productivity; ensure consumer protection and fair trade practices in commerce; develop plans and emergency response protocols to protect the agriculture industry from bioterrorism, plant and animal diseases, and agricultural pests; assist as directed by the Governor in the Commonwealth's response to natural disasters; develop and implement programs and inspection activities to ensure that the Commonwealth's agricultural products move freely in trade domestically and internationally; and enter into agreements with federal, state, and local governments, land grant universities, and other organizations that include marketing, plant protection, pest control, pesticides, and meat and poultry inspection.

B. In addition, the Commissioner shall:

1. Establish and maintain a farm-to-school website. The purpose of the website shall be to facilitate and promote the purchase of Virginia farm products by schools, universities, and other educational institutions under the jurisdiction of the State Department of Education. The website shall present such current information as the availability of Virginia farm products, including the types and amount of products, and the names of and contact information for farmers, farm organizations, and businesses marketing such products;

2. Establish and operate a nonprofit, nonstock corporation under Chapter 10 (§ 13.1-801 et seq.) of Title 13.1 as a public instrumentality exercising public and essential governmental functions to promote, develop, and sustain markets for licensed Virginia wineries and farm wineries, as defined in § 4.1-100. Such corporation shall provide wholesale wine distribution services for wineries and farm wineries licensed in accordance with § 4.1-206.1. The board of directors of such corporation shall be composed of the Commissioner and four members appointed by the Board, including one owner or manager of a winery or farm winery licensee that is not served by a wholesaler when the owner or manager is appointed to the board; one owner or manager of a winery or farm winery licensee that produces no more than 10,000 cases per year; and two owners or managers of wine wholesaler licensees. In making appointments to the board of directors, the Board shall consider nominations of winery and farm winery licensees submitted by the Virginia Wineries Association and wine wholesale licensees submitted by the Virginia Wine Wholesalers Association. The Commissioner shall require such corporation to report to him at least annually on its activities, including reporting the quantity of wine distributed for each winery and farm winery during the preceding year. The provisions of the Virginia Public Procurement Act (§ 2.2-4300 et seq.) shall not apply to the establishment of such corporation nor to the exercise of any of its powers granted under this section; and

3. *Establish and operate a nonprofit, nonstock corporation under Chapter 10 (§ 13.1-801 et seq.) of Title 13.1 as a public instrumentality exercising public and essential governmental functions to promote, develop, and sustain markets for Virginia breweries and limited breweries. Such corporation shall provide wholesale beer distribution services for Virginia breweries and limited breweries licensed in accordance with § 4.1-206.1. The board of directors of such corporation shall be composed of the Commissioner and four members appointed by the Board, (i) two of whom shall be an owner or manager of a Virginia beer wholesale licensee, (ii) one of whom shall be an owner or manager of a brewery or limited brewery licensee, and (iii) one of whom shall be an owner or manager of a brewery or limited brewery licensee that is not served by a wholesaler at the time such owner or manager is appointed to the board of directors. In making appointments to the board of directors, the Board shall consider nominations submitted by the Virginia Beer Wholesalers Association regarding members listed in clause (i) and nominations submitted by the Virginia Craft Brewers Guild regarding members listed in clauses (ii) and (iii). At least annually, such corporation shall be required to report to the Commissioner on its activities, including reporting the quantity of beer distributed for each brewery or limited brewery licensee during the preceding year. The Commissioner shall report such information to the General Assembly. The provisions of the Virginia Public Procurement Act (§ 2.2-4300 et seq.) shall not apply to the establishment of such corporation nor to the exercise of any of its powers granted under this section; and*

4. Promulgate regulations in accordance with the Administrative Process Act (§ 2.2-4000 et seq.) not inconsistent with the laws of Virginia necessary to carry out the provisions of Article 1.1:1 (§ 18.2-340.15 et seq.) of Chapter 8 of Title 18.2. Such regulations may include penalties for violations.

§ 4.1-206.2. Wholesale licenses.

The Board may grant the following wholesale licenses:

1. Wholesale beer licenses, *including those granted pursuant to subdivision 2*, which shall authorize the licensee to acquire and receive deliveries and shipments of beer and to sell and deliver or ship the beer from one or more premises identified in the license, in accordance with Board regulations, in closed containers to (i) persons licensed under this chapter to sell such beer at wholesale or retail for the purpose of resale, (ii) owners of boats registered under the laws of the United States sailing for ports of call of a foreign country or another state, and (iii) persons outside the Commonwealth for resale outside the Commonwealth.

No wholesale beer licensee shall purchase beer for resale from a person outside the Commonwealth who does not hold a beer importer's license unless such wholesale beer licensee holds a beer importer's license and purchases beer for resale pursuant to the privileges of such beer importer's license.

2. *Restricted wholesale beer licenses, which shall authorize a nonprofit, nonstock corporation created in accordance with subdivision B 3 of § 3.2-102 to provide wholesale beer distribution services to brewery and limited brewery licensees, provided that no more than 500 barrels of beer shall be distributed by the corporation to each licensee in any one calendar year. The corporation shall provide such distribution services in accordance with the terms of a written agreement with the brewery or limited brewery licensee, which shall comply with the provisions of this subtitle and Board regulations. The corporation shall receive all of the privileges of, and be subject to all laws and regulations governing, wholesale beer licenses granted under subdivision 1. The board of directors of such corporation shall develop procedures and guidelines related to the sale and delivery of beer by the corporation to holders of banquet and special events licenses when such events are located within the exclusive distribution territory of another wholesale beer licensee.*

3. Wholesale wine licenses, including those granted pursuant to subdivision 3 4, which shall authorize the licensee to acquire and receive deliveries and shipments of wine and to sell and deliver or ship the wine from one or more premises identified in the license, in accordance with Board regulations, in closed containers, to (i) persons licensed to sell such wine in the Commonwealth, (ii) persons outside the Commonwealth for resale outside the Commonwealth, (iii) religious congregations for use only for sacramental purposes, and (iv) owners of boats registered under the laws of the United States sailing for ports of call of a foreign country or another state.

No wholesale wine licensee shall purchase wine for resale from a person outside the Commonwealth who does not hold a wine importer's license unless such wholesale wine licensee holds a wine importer's license and purchases wine for resale pursuant to the privileges of such wine importer's license.

3. 4. *Restricted wholesale wine licenses, which shall authorize a nonprofit, nonstock corporation created in accordance with subdivision B 2 of § 3.2-102 to provide wholesale wine distribution services to winery and farm winery licensees, provided that no more than 3,000 cases of wine produced by a winery or farm winery licensee shall be distributed by the corporation in any one year. The corporation shall provide such distribution services in accordance with the terms of a written agreement approved by the corporation between it and the winery or farm winery licensee, which shall comply with the provisions of this subtitle and Board regulations. The corporation shall receive all of the privileges of, and be subject to, all laws and regulations governing wholesale wine licenses granted under subdivision 2 3.*

§ 4.1-223. Conditions under which Board shall refuse to grant licenses.

The Board shall refuse to grant any:

1. Wholesale beer or wine license to any person, unless such person has established or will establish a place or places of business within the Commonwealth at which will be received and from which will be distributed all alcoholic beverages sold by such person in the Commonwealth. However, in special circumstances, the Board, subject to any regulations it may adopt, may permit alcoholic beverages to be received into or distributed from places other than established places of business.

2. Wholesale wine license to any entity that is owned, in whole or in part, by any manufacturer of alcoholic beverages, any subsidiary or affiliate of such manufacturer, or any person under common control with such manufacturer. This subdivision, however, shall not apply to (i) any applicant for a wholesale beer or wine license filed pursuant to subdivision B 3 b of § 4.1-216 or (ii) the nonprofit, nonstock corporation established pursuant to subdivision B 2 of § 3.2-102 in exercising any privileges granted under subdivision 4 of § 4.1-206.2.

3. Wholesale beer license ~~or wholesale wine license~~ to any (i) entity that is owned, in whole or in part, by any manufacturer of alcoholic beverages; ~~any~~; (ii) subsidiary or affiliate of ~~such a~~ manufacturer; ~~of alcoholic beverages~~; (iii) officer, director, or principal stockholder of a manufacturer of alcoholic beverages; (iv) spouse of an officer, director, or principal stockholder of a manufacturer of alcoholic beverages; or ~~any~~ (v) person under common control with ~~such a~~ manufacturer of alcoholic beverages. This subdivision, however, shall not apply to ~~(i)~~ (a) any applicant for a wholesale beer or wine license filed pursuant to subdivision B 3 b of § 4.1-216 or ~~(ii)~~ (b) the nonprofit, nonstock corporation established pursuant to subdivision B ~~2~~ 3 of § 3.2-102 in exercising any privileges granted under subdivision ~~3~~ 2 of § 4.1-206.2.

As used in this subdivision, the term "manufacturer" includes any person (i) who brews, vinifies, or distills alcoholic beverages for sale or (ii) engaging in business as a contract brewer, winery, or distillery that owns alcoholic beverage product brand rights, but arranges the manufacture of such products by another person.

~~3-~~ 4. Mixed beverage license if the Board determines that in the licensed establishment there (i) is entertainment of a lewd, obscene or lustful nature including what is commonly called stripteasing, topless entertaining, and the like, or which has employees who are not clad both above and below the waist, or who uncommonly expose the body or (ii) are employees who solicit the sale of alcoholic beverages.

4. 5. Wholesale wine license until the applicant has filed with the Board a bond payable to the Commonwealth, in a sum not to exceed \$10,000, upon a form approved by the Board, signed by the applicant or licensee and a surety company authorized to do business in the Commonwealth as surety, and conditioned upon such person's (i) securing wine only in a manner provided by law, (ii) remitting to the Board the proper tax thereon, (iii) keeping such records as may be required by law or Board regulations, and (iv) abiding by such other laws or Board regulations relative to the handling of wine by wholesale wine licensees. The Board may waive the requirement of both the surety and the bond in cases where the wholesaler has previously demonstrated his financial responsibility.

~~5-~~ 6. Mixed beverage license to any member, agent, or employee of the Board or to any corporation or other business entity in which such member, agent or employee is a stockholder or has any other economic interest.

Whenever any other elective or appointive official of the Commonwealth or any political subdivision thereof applies for such a license or continuance thereof, he shall state on the application the official position he holds, and whenever a corporation or other business entity in which any such official is a stockholder or has any other economic interests applies for such a license, it shall state on the application the full economic interest of each such official in such corporation or other business entity.

~~6-~~ 7. License authorized by this chapter until the license tax required by § 4.1-231.1 is paid to the Board.

§ 4.1-225.1. Summary suspension in emergency circumstances; grounds; notice and hearing.

A. Notwithstanding any provisions to the contrary in Article 3 (§ 2.2-4018 et seq.) of the Administrative Process Act or § 4.1-227 or 4.1-229, the Board may summarily suspend any license or permit if it has reasonable cause to believe that an act of violence resulting in death or serious bodily injury, or a recurrence of such acts, has occurred on (i) the licensed premises, (ii) any premises immediately adjacent to the licensed premises that is owned or leased by the licensee, or (iii) any portion of public property immediately adjacent to the licensed premises, and the Board finds that there exists a continuing threat to public safety and that summary suspension of the license or permit is justified to protect the health, safety, or welfare of the public.

B. Prior to issuing an order of suspension pursuant to this section, special agents of the Board shall conduct an initial investigation and submit all findings to the Secretary of the Board within 48 hours of any such act of violence. If the Board determines suspension is warranted, it shall immediately notify the licensee of its intention to temporarily suspend his license pending the outcome of a formal investigation. Such temporary suspension shall remain effective for a minimum of 48 hours. After the 48-hour period, the licensee may petition the Board for a restricted license pending the results of the formal investigation and proceedings for disciplinary review. If the Board determines that a restricted

license is warranted, the Board shall have discretion to impose appropriate restrictions based on the facts presented.

C. Upon a determination to temporarily suspend a license, the Board shall immediately commence a formal investigation. The formal investigation shall be completed within 10 days of its commencement and the findings reported immediately to the Secretary of the Board. If, following the formal investigation, the Secretary of the Board determines that suspension of the license is warranted, a hearing shall be held within five days of the completion of the formal investigation. A decision shall be rendered within 10 days of conclusion of the hearing. If a decision is not rendered within 10 days of the conclusion of the hearing, the order of suspension shall be vacated and the license reinstated. Any appeal by the licensee shall be filed within 10 days of the decision and heard by the Board within 20 days of the decision. The Board shall render a decision on the appeal within 10 days of the conclusion of the appeal hearing.

D. Service of any order of suspension issued pursuant to this section shall be made by a special agent of the Board in person and by certified mail to the licensee. The order of suspension shall take effect immediately upon service.

E. This section shall not apply to (i) temporary licenses granted under § 4.1-211 or temporary permits granted under § 4.1-212, either of which may be revoked summarily in accordance with § 4.1-211, or (ii) licenses granted pursuant to subdivision 7 or 8 of § 4.1-206.1 or subdivision 1 or 2 of § 4.1-206.2.

§ 4.1-231.1. Fees on state licenses.

A. (Contingent expiration date) The annual fees on state licenses shall be as follows:

1. Manufacturer licenses. For each:

a. Distiller's license and limited distiller's license, if not more than 5,000 gallons of alcohol or spirits, or both, manufactured during the year in which the license is granted, \$490; if more than 5,000 gallons but not more than 36,000 gallons manufactured during such year, \$2,725; and if more than 36,000 gallons manufactured during such year, \$4,060;

b. Brewery license and limited brewery license, if not more than 500 barrels of beer manufactured during the year in which the license is granted, \$380; if not more than 10,000 barrels of beer manufactured during the year in which the license is granted, \$2,350; and if more than 10,000 barrels manufactured during such year, \$4,690;

c. Winery license, if not more than 5,000 gallons of wine manufactured during the year in which the license is granted, \$215, and if more than 5,000 gallons manufactured during such year, \$4,210;

d. Farm winery license, \$245 for any Class A license and \$4,730 for any Class B license;

e. Wine importer's license, \$460; and

f. Beer importer's license, \$460.

2. Wholesale licenses. For each:

a. (1) Wholesale beer license, \$1,005 for any wholesaler who sells 300,000 cases of beer a year or less, \$1,545 for any wholesaler who sells more than 300,000 but not more than 600,000 cases of beer a year, and \$2,010 for any wholesaler who sells more than 600,000 cases of beer a year; and

(2) Wholesale beer license, *including a license granted pursuant to subdivision 2 of § 4.1-206.2*, applicable to two or more premises, the annual state license tax shall be the amount set forth in subdivision a (1), multiplied by the number of separate locations covered by the license;

b. (1) Wholesale wine license, \$240 for any wholesaler who sells 30,000 gallons of wine or less per year, \$1,200 for any wholesaler who sells more than 30,000 gallons per year but not more than 150,000 gallons of wine per year, \$1,845 for any wholesaler who sells more than 150,000 but not more than 300,000 gallons of wine per year, and \$2,400 for any wholesaler who sells more than 300,000 gallons of wine per year; and

(2) Wholesale wine license, *including that a license granted pursuant to subdivision 3 4 of § 4.1-206.2*, applicable to two or more premises, the annual state license tax shall be the amount set forth in subdivision b (1), multiplied by the number of separate locations covered by the license.

3. Retail licenses — mixed beverage. For each:

a. Mixed beverage restaurant license, granted to persons operating restaurants, including restaurants located on premises of and operated by casinos, hotels or motels, or other persons:

(1) With a seating capacity at tables for up to 100 persons, \$1,050;

(2) With a seating capacity at tables for more than 100 but not more than 150 persons, \$1,495;

(3) With a seating capacity at tables for more than 150 persons but not more than 500 persons, \$1,980;

(4) With a seating capacity at tables for more than 500 persons but not more than 1,000 persons, \$2,500; and

(5) With a seating capacity at tables for more than 1,000 persons, \$3,100;

b. Mixed beverage restaurant license for restaurants located on the premises of and operated by private, nonprofit clubs:

(1) With an average yearly membership of not more than 200 resident members, \$1,250;

(2) With an average yearly membership of more than 200 but not more than 500 resident members,

\$2,440; and

- (3) With an average yearly membership of more than 500 resident members, \$3,410;
 - c. Mixed beverage casino license, \$3,100 plus an additional \$5 for each gaming station located on the premises of the casino gaming establishment. For the purposes of this subdivision, "gaming station" means each slot machine and each casino gaming table that is in active use, as determined annually on December 31;
 - d. Mixed beverage caterer's license, \$1,990;
 - e. Mixed beverage limited caterer's license, \$550;
 - f. Mixed beverage carrier license:
 - (1) \$520 for each of the average number of dining cars, buffet cars, or club cars operated daily in the Commonwealth by a common carrier of passengers by train;
 - (2) \$910 for each common carrier of passengers by boat;
 - (3) \$520 for each common carrier of passengers by bus; and
 - (4) \$2,360 for each license granted to a common carrier of passengers by airplane;
 - g. Annual mixed beverage motor sports facility license, \$630;
 - h. Limited mixed beverage restaurant license:
 - (1) With a seating capacity at tables for up to 100 persons, \$945;
 - (2) With a seating capacity at tables for more than 100 but not more than 150 persons, \$1,385; and
 - (3) With a seating capacity at tables for more than 150 persons, \$1,875;
 - i. Annual mixed beverage performing arts facility license, \$630;
 - j. Bed and breakfast license, \$100;
 - k. Museum license, \$260;
 - l. Motor car sporting event facility license, \$300;
 - m. Commercial lifestyle center license, \$300;
 - n. Mixed beverage port restaurant license, \$1,050; and
 - o. Annual mixed beverage special events license, \$630.
4. Retail licenses — on-and-off-premises wine and beer. For each on-and-off premises wine and beer license, \$450.
5. Retail licenses — off-premises wine and beer. For each:
- a. Retail off-premises wine and beer license, \$300;
 - b. Gourmet brewing shop license, \$320; and
 - c. Confectionery license, \$170.
6. Retail licenses — banquet, special event, and tasting licenses.
- a. Per-day event licenses. For each:
- (1) Banquet license, \$40 per license granted by the Board, except for banquet licenses granted by the Board pursuant to subsection A of § 4.1-215, which shall be \$100 per license;
 - (2) Mixed beverage special events license, \$45 for each day of each event;
 - (3) Mixed beverage club events license, \$35 for each day of each event; and
 - (4) Tasting license, \$40.
- b. Annual licenses. For each:
- (1) Annual banquet license, \$300;
 - (2) Banquet facility license, \$260;
 - (3) Designated outdoor refreshment area license, \$300. However, for any designated outdoor refreshment area license issued pursuant to a local ordinance, the annual fee shall be \$3,000;
 - (4) Annual mixed beverage banquet license, \$630;
 - (5) Equine sporting event license, \$300; and
 - (6) Annual arts venue event license, \$300.
7. Retail licenses — marketplace. For each marketplace license, \$1,000.
8. Retail licenses — shipper, bottler, and related licenses. For each:
- a. Wine and beer shipper's license, \$230;
 - b. Internet wine and beer retailer license, \$240;
 - c. Bottler license, \$1,500;
 - d. Fulfillment warehouse license, \$210;
 - e. Marketing portal license, \$285; and
 - f. Third-party delivery license, \$7,500, unless the licensee provides written certification to the Board that the licensee has no more than 25 delivery personnel, including employees, agents, and independent contractors that engage in direct-to-consumer alcoholic beverage delivery, in which case the license fee shall be \$2,500.
9. Temporary licenses. For each temporary license authorized by § 4.1-211, one-half of the tax imposed by this section on the license for which the applicant applied.

B. The tax on each license granted or reissued for a period other than 12, 24, or 36 months shall be equal to one-twelfth of the taxes required by subsection A computed to the nearest cent, multiplied by the number of months in the license period, and then increased by five percent. Such tax shall not be refundable, except as provided in § 4.1-232.

C. Nothing in this chapter shall exempt any licensee from any state merchants' license or state restaurant license or any other state tax. Every licensee, in addition to the taxes imposed by this chapter, shall be liable to state merchants' license taxation and state restaurant license taxation and other state taxation the same as if the alcoholic beverages were nonalcoholic. In ascertaining the liability of a beer wholesaler to merchants' license taxation, however, and in computing the wholesale merchants' license tax on a beer wholesaler, the first \$163,800 of beer purchases shall be disregarded; and in ascertaining the liability of a wholesale wine distributor to merchants' license taxation, and in computing the wholesale merchants' license tax on a wholesale wine distributor, the first \$163,800 of wine purchases shall be disregarded.

D. In addition to the taxes set forth in this section, a fee of \$5 may be imposed on any license purchased in person from the Board if such license is available for purchase online.

§ 4.1-310.1. Delivery of wine or beer to retail licensee.

Except as otherwise provided in this subtitle or in Board regulation, no wine or beer may be shipped or delivered to a retail licensee for resale unless such wine or beer has first been (i) delivered to the licensed premises of a wine or beer wholesaler and unloaded, (ii) kept on the licensed premises of the wholesaler for not less than four hours prior to reloading on a vehicle, and (iii) recorded in the wholesaler's inventory. Any holder of a restricted wholesale wine license issued pursuant to subdivision 3 4 of § 4.1-206.2 shall be exempt from the requirement set forth in clause (ii).

2. That the provisions of this act shall become effective on July 1, 2024.

3. That the Commissioner of Agriculture and Consumer Services shall submit to the Alcohol and Tobacco Tax and Trade Bureau a request for a waiver from federal permitting requirements for the corporation established pursuant to subdivision B 3 of § 3.2-102 of the Code of Virginia, as amended by this act.

4. That the board of directors (the Board) of the nonprofit, nonstock corporation established pursuant to subdivision B 3 of § 3.2-102 of the Code of Virginia, as amended by this act, shall establish a transaction fee schedule for transactions completed by such corporation, which may include flat fees or fees based on a percentage of the sale. The Board may provide a transaction fee incentive for any brewery or limited brewery that utilizes materials or ingredients grown or processed in the Commonwealth, including malt, hops, grain, fruit, juice, vegetables, spices, yeast, enzymes, packaging, containers, labeling, and closures. The Board may limit the volume of beer sold per transaction.

5. That the provisions of clause (iv) of subdivision 3 of § 4.1-223 of the Code of Virginia, as amended by this act, shall not apply to the spouse of an officer, director, or principal stockholder of a brewery or limited brewery licensee that was granted such license prior to January 1, 2024.



GREG WHITE

Smithfield, VA | 757-448-5435 | gwhite@hoffmanbeverage.com | www.hoffmanbeverage.com

Vice President of Marketing & Portfolio Development at Hoffman Beverage Company with over 29 years of experience in the wholesale beverage industry. Strong expertise in beverage sales and marketing, revenue management, brand management, pricing strategy, supply chain management, route to market strategies, syndicated data analysis, and distribution agreements.

EXPERIENCE

JAN 2009 -
DEC 2018

DIRECTOR OF IMPORT & CRAFT SALES

Responsible for the management and growth of Hoffman Beverage’s import & craft portfolio. This included recruiting, on boarding, and managing all of Hoffman Beverage’s import and craft supplier partners. Developed product, pricing, placement, and promotional strategies to grow company portfolio. Oversaw supply chain management, and distribution agreement development. Led the acquisition of 3 wholesalers. Grew supplier base from 4 to over 75 and revenue from \$500K per year to over \$20M per year.

DEC 2018 -
CURRENT

VICE PRESIDENT OF MARKETING & PORTFOLIO DEVELOPMENT

Serve on Hoffman Beverage’s Executive Leadership Team. Direct the company’s Brand Managers, Supply Chain Managers, Marketing Department, Pricing Department, and Analyst and use these to coordinate the company’s sales and marketing strategy. Target, recruit and sign new supplier partners to new distribution agreements. Build and track company’s revenue and gross profit budget. Diversified the company’s portfolio into new categories which has led to a surge in sales revenue. Lead Anheuser Busch national composite index in key revenue management metrics.

EDUCATION

AUG 1993 -
MAY 1995

TIDEWATER COMMUNITY COLLEGE

General Studies

SKILLS

- Strong knowledge of the alcohol and non-alcoholic beverage industries
- Excellent communication skills, both verbal and written
- Skilled problem solver who excels at creating innovative solutions

ACTIVITIES

Active member of the Virginia Beer Wholesalers Association and serve on the Legislative Affairs Committee. Recently served on the New Belgium Brewing Company National Distributor Counsel. Proud father of 3 and husband to Dr. Bente White.

Matthew Mullett – Executive Manager – Richbrau Brewing

- BA in Communications - State University of New York at Fredonia 1996
 - Minor: Business Marketing
- 20 years Brewing Industry experience
- 11 Years with MillerCoors – Distributor Management
- 4 Years Craft/Specialty Brand Management
- 5 Years leading Richbrau Brewing
- Certification: Level I Cicerone

For 15 years Matt worked for Miller Brewing Company as well as Coors Brewing Company and was a part of the transition team for Virginia when the two companies joined to form MillerCoors. Matt has a heavy sales and marketing background; overseeing territory execution of MillerCoors national marketing and promotional programs, product launches, local advertising and marketing as well as creating and developing the Company's local retail initiatives. Most recently Matt worked on the distributor side serving as the Craft and Specialty Brand Manager before being promoted to State On-Premise Manager for Premium Distributors of Virginia. For the last five years, Matt has overseen and managed all aspects of Richbrau Brewing Company business as the Company's Executive Manager.

P. Aden Short, Jr
Vice President
P. A. Short Distributing Company, INC.
(540) 537-5850
ashort@pashort.com

EDUCATION

Post University

Certificate of Accounting (Post-Baccalaureate) March 2016

- Relevant Courses: Financial Accounting, Cost Accounting, Managerial Accounting et al.
- Skills Developed: Accounting Skills, GL Entry, GAAP, maintaining bookkeeping and accounting records

University of Glasgow

2007-2008

MSc., Business Management, with a focus in Enterprise and Business Growth
Graduation with Merit.

- Relevant Courses: Principles of Business Management, Applied Management Theory, Business Growth, Processes of Entrepreneurship and Innovation, Business Planning, and Knowledge Economy
- Skills Developed: Numeracy and analytical skills, problem solving, team working skills

Hampden-Sydney College

2000-2004

B.A., Double Major in Political Science and History, Concentration in Classical Studies

- Relevant Courses: Political Philosophy, International Relations, American History, South American History, British and European History, Greek/Roman Literature, Greek/Roman History et al.
- Skills Learned: Communication and presentation skills, self-management, adaptability, flexibility, and writing skills.

EXPERIENCE

P. A. Short Distributing Co.

Hollins, VA

January 2016-Present

Vice President

- Consultant to President, responsible for company financial review, major management and structural decisions, and representing company at relevant state and national political/industry/legislative meetings
- Responsible of managing organizing and implementing mobile technology infrastructure to ensure reliable and effective communication
- Responsible for portfolio organization, portfolio growth, craft SKU growth, Supplier Recruitment, staff training development, focus on integrating craft as a part of overall business model.
- Grown craft portfolio from 3 supplier partners to 30+.

Assistant General Manager

2014-2016

- Consultant to GM, responsible for sales organization, major management and structural decisions, and working with the sales/management teams.
- Responsible for training development, inventory management, sales and incentive strategy and planning.
- Liaison/cooperating with all known suppliers and company vendors, as well as customers in all categories.

Sales Supervisor- On Premise

2012-2014

- Responsible for managing a team of 6, 3 salesman, 2 drivers, and route leader. Ensured on time and accurate delivery of sales orders and motivating team for growth and success.

Craft Brand Manager

- Responsible for the recruitment, onboarding, and fostering of new craft suppliers. Duties also include staff and consumer beer education and setting internal sales goals. Brand building, brand selection, craft beer events and planning.

P. A. Short Distributing Co.

Hollins, VA

March 2006 – September 2007

Brand Development Manager

- Responsible for creating and managing a micro/import beer focused sales division for a 2 million case per year Anheuser-Busch Distributorship
- Managed the on-premise promotional and sales activities for the distributorship
- Micro and Import sales increased nearly 300% during my employment
- Skills Learned: Thorough sales techniques, customer relations, familial-business relations, product, industry knowledge, and Innovation and creativity skills.

Wachovia Securities

Glen Allen, VA

October 2005-July 2006

Retirement Account Operations Specialist

- Maintained and repaired various investment retirement accounts for Wachovia Securities branches throughout the South-Eastern U.S.
- Skills Learned: Leadership skills, professional communication and project management skills, working to tight deadlines, diplomacy, and organizational skills.

First Market Bank

Richmond, VA

September 2004 – October 2005

Financial Services Advisor

- Opened and managed various financial accounts for both personal and commercial customers
- Led branch for most new accounts for 3 consecutive months before leaving
- Skills Learned: Time management, customer service skills, general salesmanship techniques, business and financial product awareness.

SKILLS AND INTERESTS

Computer Skills: Windows NT, XP, Vista, Mac, Internet, Microsoft Office Suite. Fast learner when it comes to newly required programs.

Personal Interests: Motorcycles, Vespa Scooters, traveling, music, English Soccer, film, theater, visiting friends and family and spending time with my wife, children and 4 cats.

ASSOCIATIONS

Craft Brewers Association

2010

Wholesale Member

National Beer Sellers Association

2007

Member

Board of Directors

2015-Present

Virginia Beer Wholesalers Association

2007

Member

Board of Directors

Chairman of the Board

2013-2024

2023-2024

Contact

www.linkedin.com/in/romanojd
(LinkedIn)
www.one7tech.com (Company)

Top Skills

System Architecture
Systems Engineering
Information Assurance

Certifications

Information Systems Security
Engineering Professional (ISSEP)
Data Science
The Data Scientist's Toolbox
Web Intelligence and Big Data

Jason Romano

Systems Architect | Cybersecurity Engineer | Data Scientist |
Brewery Owner and Brewmaster
Reston, Virginia, United States

Summary

In one form or another, my entire career has been about developing and deploying information solutions to meet customer's needs. Currently, I'm focusing on developing model-based systems engineering (MBSE) frameworks to cybersecurity accreditation for the DoD.

Beyond my technical pursuits, I am also passionate about craft beer and own Lake Anne Brew House in Reston, Virginia. Balancing the art and science of brewing with my professional endeavors has enriched my problem-solving skills and taught me invaluable lessons in creativity and resilience.

Experience

Lake Anne Brew House, LLC
Brewmaster/Owner
April 2016 - Present (8 years 3 months)
Reston, Virginia, United States

General Dynamics Mission Systems
9 years

Senior Cyber Systems Engineer
2022 - 2023 (1 year)
Multiple Locations

- Provided Cyber Center of Excellence (CoE) support during customer system security assessment.
- Developed Model Based Information Security Systems Engineering (MB-ISSE) approach to MLS Programs to establish MLS Reference Architecture framework with security baked-in.
- Led independent assessment to analyze root cause for discovered vulnerabilities within LAPSC Refresh analysis to determine reasons.
- Facilitated development of cyber use cases to resolve technical disconnects.

- Provide cyber subject matter expertise for a series of process improvement initiatives.

Senior Principal Information Assurance Engineer

January 2020 - December 2021 (2 years)

Multiple Locations

- Designed a Cyber Alerting system for the Army's Tactical Airspace Information System (TAIS).
- Supported Certification and Accreditation activities.
- Led System Security Plan update for NASA's Space Network Ground Segment Sustainment (SGSS) Program.

Systems Engineering and Technical Assistance for Intelligence Community

January 2015 - December 2019 (5 years)

Multiple Locations

- Developed candidate command and control (C2) architectures including standardizing C2 language called OpenC2.
- Developed and maintained Active Cyber Defense (ACD) architecture and engineering tools.
- Developed the Technical Assessment Strategy to evaluate vendor products that support ACD.

Information Assurance Engineering for WIN-T/Army

January 2014 - December 2014 (1 year)

Taunton, MA

- Developed a data product that mapped the DISA STIGs to the deployed WIN-T system and reported on the level of compliance to the security requirements.
- Added capability to assess impacts to STIG compliance when DISA STIGs are updated. This ensures that the compliance is always up-to-date with the latest guidance.

ONE7TECH, LLC

Chief Data Officer / Senior Consultant - Big Data

2012 - December 2014 (2 years)

Reston, VA

ONE7TECH provides big data consulting for government and industry.

- Deployed multi-node production Hadoop Enterprise Linux clusters and cloud-based solutions on Amazon Web Services (AWS).
- Developed ETL pipelines to support Big Data analytics without impacting existing operational network topologies.

- Developed Big Data architectures, including SQL and NoSQL databases, custom advanced analytics, and employing Java, Pig, Hive, and Python development environments.
- Developed advanced analytics and machine learning algorithms.

General Dynamics

Information Systems Security Architect

2012 - 2013 (1 year)

Arlington, VA

DHSTIP is the Department of Homeland Security's Technology Integration Program for the new consolidated headquarters campus.

- Led the development of an integrated information assurance database (IADB) to efficiently manage the certification and accreditation efforts of 16 separate, but interrelated systems; each with separate security requirements.
- Developed automated tools to generate C&A artifacts directly from the IADB.
- Developed a tools-enhanced process for performing a preliminary self-assessment of the systems in preparation for the actual security assessment.

General Dynamics

Chief Systems Architect for MDSET

2009 - 2011 (2 years)

Arlington, VA

The Missile Defense Systems Engineering Team (MDSET), also known as the National Team, is a joint industry systems engineering team of the Missile Defense Agency (MDA) modeled after the Manhattan Project and Apollo Program to develop and field an integrated Ballistic Missile Defense System (BMDS).

- Led the development of the BMD System Architecture, utilizing DoDAF and including a highly detailed information model.
- Maintained the baseline configuration control over all major deliverables.
- Defined the requirements management and document development processes.
- Published the BMD Architecture Framework that described the BMD System Use Cases and System Classes that were used as building blocks to design and describe the BMDS capabilities.

General Dynamics

Systems Architecture Team Lead

2006 - 2008 (2 years)

Arlington, VA

- Conceived, proposed, and led this new team to support systems engineering activities by developing and providing the tools and processes that enable the systems engineers to effectively and efficiently design and specify the BMDS.
- Developed, coordinated, and implemented the MDA specification collaboration strategy that creates a virtual distributed classified database to facilitate information sharing and utilization.
- Redesigned and automated the interface requirements management process that refocused the responsible engineers on information content rather than information presentation and greatly decreased the time-to-publish.
- Developed the Missile Defense Information XML Schema to promote data interoperability.
- Fostered working relationships within MDA and with other Elements within MDA to improve and increase collaboration.

Education

Rensselaer Polytechnic Institute

Bachelor of Science (B.S.), Electrical Engineering · (1992 - 1996)

Virginia Tech

Master of Science (M.S.), Electrical Engineering · (1997 - 2000)