

Chris Taylor

Christopher Thomas Taylor

Academic Education

- M.S. in Agronomy (AgroEcology), University of Florida** 2022
& **Tropical Agriculture** Graduate Certificate
- B.S. in Plant Sciences (Horticulture & Crop Production), University of Maryland** 2017
- A.A. in Arts & Sciences (Sociology – History, Culture, World View), Carroll Community College** 2014

Competencies & Characteristics

- Genuine, responsible, respectful, caring, inquisitive, kind, and hard & smart working, moral abiding professional, with strong attention & implementation of & to detail, depth, & **Integrity**.
- Excellent **Centrist Positive Holistic-Critical Thinking**, analytical, agronomic, botanical, communications, ecological, **Horticulture, Investigations**, & projects knowledge, skills, and abilities.
- Love to Learn, while applying what I have experienced and learned so far, in **Intellectually Stimulating Mission-Critical Work, to Make a Positive Impact & Difference for Crops, Plants, Animals, People, Environment, this World**, etc.
- TradeCraft / Expertise Area: Gardening-Horticulture** (Greenhouse /CEA) / IPVDM

Certifications & Licensures

MDA Nutrient Management Certification; MMCC Cultivation License; General Mobile Radio Service License; SYWARN Weather Spotter; APHIS & MDA Public Agency, Regulatory, Private, and Commercial Pesticide License(s); OSHA 30 Hour General Industry & 10 Hour Construction; FEMA ISP; NASFM Crowd Management Certification; DHS Transportation Worker Identification Credential (TWIC); DOT First Observer+; MD CDL BM; NASBLA Personal Watercraft Certification (PWC); USA Passport; etc.

Specialized Experiences (U.S.A. Federal Government Public Service)

USA-EB-USDA: Agricultural Research Service (Cotton Fiber BioScience Utilization Research Unit)

Molecular Biologist (Plants), 12/16/2024 – 2/28/2025 D.R.P., FT / 45 Hrs. / Wk., GS-0401-09, Exigency Employee, \$61,000 / yr.

Study, Modification, Development, & Genetic Control IPVDM of Fiber Crop:

Plant Breeding, Genetics, Genomics, & Molecular Biology: **SubTropical Research Agronomy**

• Growing, Analysis, Study, Care, & Research of Cotton Plants & Crops

- Polyploid Cotton Genetics-Genomics-Molecular Biology: Plant Response ~ VIGS; **Advanced Special Regulatory Investigations**
- Basic & Applied Research: Greenhouse, Field, Growth Chamber & Lab Studies & Implementations for Crop Improvement, Gene Function, & Plant Environmental, Pest & Disease Resistance (**Plant Physiology-Genetics**)
- Integrative Environmental, Ecological, Genetic, & Management Analysis of Crops, Plants, Pathogens, Arthropods, Environments; Genetic Pest & Disease Control of Cotton Crops & Plants
- Write & Develop **Positive-Critical Thinking White Paper Report(s)**, for Diffusion to High Level USA Federal Government Officials, of Holistic Matters of Agriculture, Horticulture, & National Government Importance, as to Create a Positive Ecological Effect

• Contact: Janell Becker, Ok to Contact, Janell.Becker@usda.gov (504) 286-4276

USA-EB-USDA: Agricultural Research Service (Genetic Improvement of Fruit & Vegetable Laboratory)

Biological Science Technician (Pomology / Olericulture), 5/22/2023 – 6/20/2024, FT / 45 Hrs. / Wk., GS-0404-07, Exigency Employee, \$58,000 / yr.

Study, Modification, Development, & Genetic Control IPVDM of Fruit & Vegetable Crops:

Plant Breeding, Genetics, Genomics, & Molecular Biology: **SubTropical-Temperate Research Olericulture & Pomology**

• Growing, Analysis, Study, Care, & Research of Potato, Strawberry, & Tomato Plants & Crops

- Diploid Mutant Woodland Strawberry Genetics-Genomics-Molecular Biology, Transgenic Potato Protection from Pathogens & Insects, Potato Ecological Physiology, & Tomato Insect & Disease Resistance
- Basic & Applied Research: Greenhouse, Field, Growth Chamber & Lab Studies & Implementations for Crop Improvement, Gene Function, & Plant Pest & Disease Resistance (**Plant Mycology-Entomology**)
- Biological (Plant, Pathogen, & Insect) Science Plant Studies, Tests, Procedures, Techniques.: Nucleic Acid Extraction/ Quantification, PCR, Primer Design, Pathogen Genotyping, Plant Phenotyping, Plant Breeding, Microscopy, Histology
- Integrative Environmental, Ecological, Genetic, & Management Analysis of Crops, Plants, Pathogens, Arthropods, Environments; Genetic Pest & Disease Control of Vegetables & Fruits
- Project(s)**: Gene to Determine Running in Strawberry, Transgenic Potato Pathogen Protection, Solanum Nitrogen Use Efficiency, Potato Stem Ariel Multi-Mini Tubercization, XEGIP Tomato, COF-F/R Potato, Potato Endophytic Fungi

• Contact: Dr. Richard Jones, Ok to Contact, Richard.Jones@usda.gov (301) 504-8395

USA-IA-Smithsonian Institution (National Zoo & Conservation Biology Institute)

Gardener (Ornamental Horticulture), 10/23/2022 – 12/12/2022, FT / 45 Hrs. / Wk., WG-5003-08, Critical Duty Employee, \$58,000 / yr.

Animal Conservation & Genetic Preservation of Exotic Animals & Horticulture Plants:

Design, Creation, Maintenance, & Interpretation of Zoological Garden: **Zoological Ornamental-Public Horticulture**

• Botanical, Horticultural, & Zoological Exhibit Maintenance & Development

- Wallaby Enclosure Development, Elephant Yard & 'Birdhouse' Enhancement; Primate, Seal, Panda, Red Panda, Pallas's Cat, Tiger, Lion, Cheetah, Bobcat, Kudu, etc., Horticulture Maintenance; (**Ornamental Horticulture**)

• Contact: Frank Clemens, Ok to Contact, (202) 633-3294

USA-EB-USDA: Animal & Plant Health Inspection Service (Plant Germplasm Quarantine Program)

Gardener (Olericulture), 03/30/2020 – 10/20/2022, FT / 48 Hrs. / Wk., WG-5003-06, Emergency Response Official, \$58,000 / yr.

Plant Protection & Quarantine & Regulatory Control IPVDM of Horticulture Plant Materials: **SubTropical Regulatory Olericulture**

• Growing, Analysis, Study, Care, & Quarantine of Vegetable Crops (Potato, Cassava, Sweet Potato)

• Greenhouse & Plant(s) Management of x10 Greenhouses and x3 CEA Growth Chambers

- Biological (Plant, Pathogen, & Insect) Science Testing, Studies, Analysis, Application, & Implementation: **Plant Virus & Arthropod Identification & Control**, Mechanical Transmission & Inoculation, ELISA Serology, Electron Microscopy, Visual Diagnostics, Nucleic Acid Extraction & Quantification, etc.

• Enforcement, Application & Implementation of Regulatory Control IPVDM for Vegetable Plants, Crops, & Germplasm

• Effectiveness-Methodologies-PositiveResults Oriented Plant Protection & Quarantine (Plant Virology- Entomology) Mission

• Contact: Dr. Joseph Foster, Ok to Contact, Joseph.A.Foster@usda.gov (301) 313-930

Specialized Experiences (Maryland State Government Public Service)**Maryland Department of Agriculture (Turf & Seed Section)****Seed Analyst**, 9/1/2019 – 12/1/2019 FT / 40 Hrs. / Wk.**Plant Protection & Regulatory Control IPVDM of Agriculture Germplasm: *Temperate Regulatory Agronomy***

- Biological (Seeds & Plants) Science Procedures & Implementations: Germination, Purity, Noxious, Vigor, TZ, Weed, Chemical Efficacy, Trueness to Label, Viability, GE, GMO, Moisture, Stress, Studies of Seeds, Plants, Weeds, & Botany
 - **Regulatory & Service Testing of Seeds & Plants (Agronomic, Flower, Fruit, Vegetable); Regulatory Control IPVDM of Seeds, Plants, Crops, & Weeds**
- Contact: Jim Drews, Ask Me First, (410) 841-596

Specialized Experiences (Applied Industry / Private Sector)**H.M.S. Health / Haris Design & Construction** Fortune 500**CEA Cultivation Supervisor (Internship) / Consultant**, 6/15/2017 – 12/30/2017, 7/15/2024 – 8/2/2024 PT / 20 Hrs. / Wk.**Controlled Environment Agriculture Medicinal-Exotic Plant & Crop Cultivation-Marketing;****BS in PLSC @ UMD Internship: *Temperate-SubTropical Medical Floriculture***

- **Responsible For Plant Cultivation Development, SOP Development, Nutrition, IP(D)M, Compliance, Security, & Facility Development, & Application & Development of Cultivation BPM's, SOP's, & Nutrient Management Plan**
 - **Planning & Implementation, & Development of Horticultural Interiorscapes, & CEA systems; Assure Compliance of Horticultural Operations**
 - Marketing Development, Stakeholder Communication(s)
 - Viticulture / Agriculture Land Use Development Project
- Contact: Shakil Siddiqui, Ok to Contact, SSiddiqui@harisdesign.com (240) 997-2416

Rizzo Inc.**Gardener**, 6/1/2012 – 12/30/2017 PT / 28 Hrs. / Wk. 1/1/2018 – 9/1/2019 FT 40+ Hrs. Wk.**Horticulture Production & Marketing of Ornamental & Vegetable Plants & Crops;****Commercial Nursery; (Public) Garden Center; HortiScape: *Temperate Ornamental Horticulture***

- **Nursery, Greenhouse, Field, Orchard, Landscape, Plant Production, Care, Cultivation, Maintenance, & Sale**
 - **Floriculture, Horticulture, Arboriculture, Agronomy / Greenhouse & Nursery Horticulture Operations**
 - Design, Install, Development, Maintenance, Building, & Construction of Hortiscapes, Aquascapes, & Hardscapes
 - Customer Service, Business Operations, & Contract Creation, & Implementation
 - Growing Diverse Plants & Crops in Various Settings
- Contact: Anthony Rizzo, Ok to Contact, (410) 984-1889

CarFinders of Maryland**Automotive Detailer**, 6/1/2010 – 6/1/2012 PT / 16 Hrs. / Wk.**Automotive Marketing & Restoration-Modification-Detailing for Work Release from LHS & Concurrent Enrollment @ CCC: *Automotive Care***

- **Detailing of Unique, Rare, & Limited Production Model Used Cars**
 - Motor Vehicle, Nautical Craft, & On/Off-Road Vehicle(s) - Mechanical Repair, Restoration, & Modification
 - Car Matchmaking Services & Customer Service
- Contact: Jerney Jestes, Ok to Contact, (443) 844-5180

Interest(s):

Arboriculture, Arts, Agriculture Solution Development, AgroEcology, Agronomy, Animals, Biology, Botany, Applied Horticulture, Cartography, Compliance, Ex-Situ Conservation Biology, Controlled Environment Agriculture (CEA), Crop Sciences, Diplomacy, Ecology, Environmental Science, Espionage, Felidae, Floriculture, Fruits, Foliage Plants & Crops, Gardening, Geophytes, Graphic Design, Greenhouses, History, **Horticulture**, Infographics, Integrated Pests, Vectors & Diseases Management (IPVDM), Intelligence Operations, **Investigations**, Justice, Medicine, Minor Crops, Olericulture, Parasitology, Plants, Plant Collections & Exhibits, Plant Germplasm, Plant Pathology-Entomology, Plant Protection & Quarantine, Plant Sciences, Pomology, Public Service, **Regulatory Agriculture**, Sciences, Seer / Extrasensory Perception (ESP), Survival Evasion Resistance Escape (SERE), Sociology, Shrubs, Smuggling Interdiction & Trade Compliance (SITC), Specialty Plants, Toyota, Vegetables, Veterinary Science & Practice, Xerophytes, Yamaha, etc., ...