

# JESSICA CLAIRE

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## Professional Summary

With many years of work experience in the private industry, U.S.D.A. and CBP, becoming and been molded into a professional, dependable and committed employee. Routinely try to go above and beyond when assisting agency peers to ensure tasks are completed in an efficient and accurate manner. Through these experiences, taught how to properly interact with the traveling public, peers and communicate with management. I have demonstrated leadership abilities, strategic planning expertise and problem-solving acumen. I have also assisted senior managers with accomplishing demanding targets by encouraging staff and coordinating resources. Methodical and well-organized in optimizing coverage to meet operational demands.

## Skills

- Agency
- Budget
- Due diligence
- Managing
- Producing
- Publications
- Research
- Safety
- Scientific
- Supervision
- Team work
- Recruiting and Interviewing
- Training
- Consulting
- Cost Control
- Strategic Planning

## Work History

### Agriculture Specialist, 01/2012 to Current

#### Customs And Border Protection – City, STATE

- Carry out all assigned duties and responsibilities with vigilance, and integrity.
- Each and every day strive to be one asset to both Agency and Brownsville Port of Entry.
- Have received various trainings in one of the largest and busiest land borders in the country (Laredo, Tx.) thus allowing to embrace the aspect of team work.
- With over 9 years serving as a CBP Agriculture Specialist, I have successfully seized countless prohibited agriculture items.
- Also, due to excellent work ethic and professionalism, I am capable of performing official duties with due diligence and a team work mindset.
- For example, I have taken part of the successful discovery of various narcotics such as methamphetamine, cocaine and marihuana.
- In addition, during in one of the various agriculture inspections on September 2015, I intercepted a prohibited fruit known as "Jarilla" resulting in a "first intersection in the Port" for Brownsville, Texas.
- This discovery resulted in the issuance of a \$300 civil penalty.
- Working in Brownsville gives me a great sense of pride and considering myself very fortunate.
- I have committed myself and will continue to invest my future within CBP.
- Helped keep facilities, equipment, and tools operational with regular repairs and proactive maintenance.
- Listened and responded to customer requests and forwarded necessary information to superiors.
- Communicated with management to request maintenance assistance for laboratory equipment.
- Maintained laboratory area by performing light repair work as well as cleaning counters, equipment and floors.
- Interpreted clients' needs and introduced services to fit specific requirements.
- Assisted with in enforcing quality, safety and sanitation guidelines.

### Agricultural Research Entomologist Asst, 01/1997 to 07/2012

#### Kika De La Garza Subtropical Agricultural Research Center, KSARC – City, STATE

- Supervised 12 laboratory technicians during my tenure at U.S.D.A.
- Technicians were responsible for rearing predators and parasites *in vitro* for experimental purposes.
- Responsible for producing at least three scientific publications per year depending upon amount of budget that was given.
- Designed experiments, collected, analyzed and interpreted data.
- Assisted in conducting of research projects involving *in vitro* predators and parasites in chemical bioassays.
- Maintained chemical records for research and safety purposes.
- Operated laboratory and field equipment usage (microscopes, pipettes, analytical balances and spray chambers).
- Evaluated various Pyrethrins and other chemical products on populations of beneficial insects (*Orius insidiosus*, *Geocoris punctipes*, *Coleomegilla maculata*, and *Hippodamia convergens* and other beneficial and *Bemisia tabaci* on sweet potatoes, respectively).
- Provided input and determined toxicological effects of Fipronil on *Cataloccus grandis* populations and Admire (Imidacloprid) against Asian Citrus Psyllid, *Diaphorina citri* (Kuwayama).
- Evaluated various transgenic cotton production lines and Nucleopolyhedrovirus (NPV) on artificial diet against *H. Virescens*, respectively.
- Documented findings and results from research projects with robust reports incorporating both text and visual data representations.
- Examined experimental specimens to identify diseases, environmental impacts and harm from manmade chemicals.
- Prepared field equipment for on-site testing related to chemical impact on populations of beneficial insects.
- Helped keep facilities, equipment, and tools operational with regular repairs and proactive maintenance.
- Developed and maintained courteous and effective working relationships.
- Used Microsoft Word and other software tools to create documents and other communications.
- Created spreadsheets using Microsoft Excel for daily, weekly and monthly reporting.
- Developed team communications and information for meetings.
- Demonstrated respect, friendliness and willingness to help wherever needed.
- Created plans and communicated deadlines to ensure projects were completed on time.

### Crop Protection Assistant Manager, 07/1993 to 10/1995

#### Valley Onions, Inc. A. Duda & Sons, Co – City, STATE

- Worked for Company where I co-managed 4,500 acres of various vegetables.
- Professional duties included assisting on handling budgets of \$200,000 for research projects, trials, chemical and efficacy tests.
- Assisted on managing 1.8 million budget per year on crop production.
- Designed and implemented systems for crop history, fertility adviser and pest management techniques.
- Earned Certification as Crop Advisor for various crops of the Rio Grande Valley.
- Maintained chemical and cost efficiency company's records.
- I assisted growers during applications of effective fertilizer to vegetable production and directed them with highly qualified Integrated Pest Management programs in Cuautla, Celaya and Tampico, in Morelos, Guanajuato and Tamaulipas, Mexico, respectively.
- Listened and responded to customer requests and forwarded necessary information to superiors.
- Communicated with management to request maintenance assistance for agricultural equipment.
- Conducted weekly staff meetings to motivate staff members, address concerns and questions, plan improvements, and evaluate progress toward goals.
- Helped with planning schedules and delegating assignments to meet coverage and service demands.
- Evaluated current operational strategies and recommended improvements.
- Taught employees how to collaborate on daily job tasks and achieve production targets.
- Coordinated with General Project Manager in different operational issues and promotional activities.
- Supervised operations team to support operational excellence and excellent customer service.
- Monitored employee productivity and optimized procedures to reduce costs 10% costs every year.
- Prioritized and organized tasks to efficiently accomplish service goals
- Created new programs that resulted in increasing productivity and customer satisfaction
- Demonstrated leadership by making improvements to work processes and helping to train others
- Contributed to development, planning and completion of project initiatives
- Worked closely with team members to deliver project requirements, develop solutions and meet deadlines
- Improved operations by working with team members and customers to find workable solutions
- Defined strategies and created a plan to achieve ambitious operational objectives

## Education

### Master of Science: Agronomy And Ecology, 12/1993

#### Texas Tech University - Lubbock, TX

- Thesis: Possible Sunflower Abnormal Phenotypes in the Caprock of West Texas High Plains
- Majored in Entomology
- Graduated with 3.1 GPA
- Coursework in Ecology, Insect Anatomy and Physiology, Advanced Plant Pathology, Experimental Design, and Advanced Experimental Design, Research Project investigation course.

### Bachelor of Science: Agronomy, 05/1990

#### Texas Tech University - Lubbock, TX

- Majored in General Crops
- Graduated with 2.8 GPA
- Coursework in Ecology, Horticulture, Agriculture Statistics, Plant Pathology I and II, Seed Science, Soil Science, Weed Control, and Irrigation Systems.

### Bachelor of Science: Agronomy, 05/1986

#### Universidad Autonoma De Tamaulipas - Cd. Mante

- Minored in Plant Pathology
- Thesis: Chemical effects on Sesame Plants
- Graduated with 2.6 GPA
- Received Scholarship from CONACYT

## Accomplishments

### PUBLICATIONS

- Claire N. Sergio, Hail Shannag, Sherman A. Phillips, Jr. and Arturo Olivarez, Jr. "Hybrid Sunflower Offtypes Resulting from Pollination of the Hymenoptera of the Texas Rolling Plains."
- Claire N. Sergio and Sherman A. Phillips, Jr. "Hybrid Commercial Sunflower Offtypes Resulting from Pollination by the Entomofauna of the Texas Rolling Plains."
- Elzen W. Gary and S. N. Claire, 1998. IGR's and Sublethal doses of insecticides: Effect on fecundity, food consumption, and longevity of *Geocoris punctipes*. J. of Econ. Entomology. U.S.D.A.-A.R.S, Weslaco, Texas.
- Elzen W. Gary and S. N. Claire, 1998, Sublethal doses of insecticides affect parasitism and pupal development of the boll weevil ectoparasitoid *Cataloccus grandis*. J. of Econ. Entomology. U.S.D.A.-A.R.S, Weslaco, Texas.
- W. Elzen, S. N. Claire, and M. G. Rojas. Lethal and Sublethal Effects of Selected Insecticides and an Insect Growth Regulator on the boll weevil Ectoparasitoid *Cataloccus grandis*. Proc. Beltwide Cotton Conf. National Cotton Council, Memphis, TN. Pp. 1204-1206.
- Elzen W. Gary and S. N. Claire, 2000. Laboratory toxicity of insecticide residues to silverleaf whitefly eggs, nymphs, and Adults on sweet potato, cabbage, and cotton. Poster presented at the Annual ESA meeting in Montreal, Quebec, Canada.
- Elzen W. Gary and S. N. Claire, 1998. IGR's and Sublethal doses of insecticides: Effect on fecundity, food consumption, and longevity of *Geocoris punctipes*. Poster presented at the ESA meeting in Las Vegas, Nevada.
- Elzen W. Gary and S. N. Claire, 1998. Sublethal doses of insecticides affect parasitism and pupal development of the boll weevil ectoparasitoid *Cataloccus grandis*. Poster presented at the National Cotton meeting in Orlando, Florida.
- Claire Jessica, 1993. Hybrid Sunflower Offtypes Resulting From Pollination By Insects Of The Texas Rolling Plains. Paper presented at the ESA meeting in Tulsa, Oklahoma.
- Claire Jessica, and S. A. Phillips, Jr. 1993. Abnormal Phenotypes Resulting from the Endemic Insect Fauna of the Texas High Plains. Paper presented at the ESA meeting in Albuquerque, New Mexico.
- Claire Jessica, and S. A. Phillips, Jr. 1992. Possible Causes of Abnormal Phenotypes in Hybrid Sunflower Commercial Fields of the Texas High Plains. Report presented at this business meeting in Fargo, North Dakota.
- Claire Jessica, and S. A. Phillips, Jr. 1991. Abnormal Phenotypes in Hybrid Sunflower Commercial Fields of the Texas High Plains. Paper presented at the ESA meeting in Albuquerque, New Mexico.