

MARK SMITH

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RESEARCH ASSISTANT / CELL CULTURE TECHNICIAN / MICROBIOLOGIST

Enthusiastic and versatile professional seeking to secure an entry-level position in the biological sciences field. Known as ambitious, self motivated, conscientious, and ethical individual who goes "above and beyond." Dependable team player who relates well and works cooperatively with diverse personalities. Personable, professional, and quick learner with demonstrated commitment to achieving organizational goals.

- Leadership skills; additionally possess strong analytical, problem solving, training, and research skills.
- Demonstrated ability to investigate, research, and verify factual information with minimal supervision.
- Passion for building industry-based knowledge through conference attendance and active participation.

EDUCATIONAL BACKGROUND

Master of Science—Plant Pathology, WASHINGTON STATE UNIVERSITY (August 2010)

President & Vice President—PLANT PATHOLOGY GRADUATE STUDENT CLUB

Co-Chair of Student Senate—COLLEGE OF AGRICULTURAL, NATURAL & HUMAN SCIENCES

Dual Degree — B.S. in Microbiology and B.A. in History (June 2008)
THE EVERGREEN STATE COLLEGE, Olympia, WA

LABORATORY EXPERIENCE

LORI CARRIS LABORATORY at WASHINGTON STATE UNIVERSITY, Dept. of Plant Pathology (2008 – 2010)
Performed agar cultures and planting of fungi. Identified contaminants in grass seed. Determined fungal DNA and sequencing for genes in samples. Trained in modern techniques for culturing viruses and bacteria.

EMPLOYMENT EXPERIENCE

Assistant Manager, ABC MUSHROOM FARMS, Chester Springs, PA (6/2011 – 11/2011)

Supervised seven large scale Phase II composting tunnels, including deliveries to 100+ mushroom houses and disease and pest management. Gained experience in operation of equipment, computer monitoring, and assessment of large scale indoor composting tunnels. Evaluated proper conditions for mushroom spawn.

Growing Specialist, HARRIS MUSHROOM FARMS, Downingtown, PA (1/2011 – 6/2011)

Managed 15 mushroom houses from fill to harvest. Monitored and sprayed for pests and disease. Ensured pasteurization and sealing of rooms with new compost. Gained hands-on experience in database management of mushroom compost, pasteurization, spawning, casing, and harvest. Member of Safety Committee.

CONFERENCE ATTENDANCE

Attended two National Science Conferences as an individual participant (Summer 2009):
MYCOLOGICAL SOCIETY OF AMERICA and PHYTOPLATHOLOGICAL SOCIETY OF AMERICA

Presented research on: "*Smut Fungi Spores as Contaminants in Grass Seed Produced in the Pacific Northwest*"
MYCOLOGICAL SOCIETY OF AMERICA and INT'L SYMPOSIUM ON FUNGAL ENDOPHYTES OF GRASSES

COMPUTER SKILLS

Proficient with Word, Excel, PowerPoint; SAS, Adobe Reader, Photoshop and Dreamweaver.

Previous experience in building and repairing computer hardware, i.e. Windows, Apple, and Linux.