

SCIENCE2 RESUME

email@wsu.edu

Current Address

123 A Street
Pullman, WA 99163
(509) 555-1212

Permanent Address

456 B Street
City, WA 99199
(509) 555-1212

EDUCATION

Bachelor of Science in Microbiology, May 2004
Washington State University, Pullman, WA

LABORATORY SKILLS

- Molecular Restriction enzyme analysis; gene cloning; plasmid amplification and isolation, extraction of DNA and mRNA from tissue and cell lines, amplification of DNA and RNA using polymerase chain reaction, labeling probes using both radioactive and non-radioactive methods, oligonucleotide purification, electrophoresis; southern blotting; dot blotting; polymerase chain reaction; DNA and RNA quantification.
- Immunological Monoclonal antibody production and purification; lymphocyte proliferation assay; affinity chromatography; enzyme-linked immunoabsorbent assay; western blotting; protein assays; immunoprecipitation assays, hybridoma production.
- Bacteriological Identification of pathogenic bacteria such as *streptococci*, *staphylococci*, *neisseria*, *enterobacteriaceae*, *yersinia*, *pseudomonas*, *haemophilus*, *bordetella*, *pasteurella*, *bacillus*, *corynebacterium*, *mycobacteria*; *aseptic technique*.
- Virological Isolation of virus-resistant bacterial mutants; plaque assay, preparation of primary cell cultures, karyotyping; manipulation of continuous cell cultures.
- Radioactive Use of LSC and gamma counters; dual and single labeled samples; Radiation Safety Certificate from WSU.

WORK EXPERIENCE

Research Assistant, Dept. of Microbiology, WSU, Pullman, WA, 2001-Present

- Research involved identification of human papillomavirus DNA in several finger biopsy tissues, using the polymerase chain reaction, Southern blotting, radioactive labeling and probing. Involved in routine duties involved with virology laboratory.

Teaching Assistant, Dept. of Microbiology, WSU, Pullman, WA, 1999-2001

- Prepared lectures and supervised experiments in Introduction to Microbiology laboratory. Prepared lectures, quizzes and exam material and graded students.

HONORS AND AWARDS

PEO Scholarship, Walter and Leona Durenfue Scholarship, Honors Out of State Tuition Scholarship, Elizabeth R. Hall Microbiology Scholarship, Dean's List, President's Honor Roll, Phi Eta Sigma Honor Society, Alpha Lambda Delta Honor Society, Valedictorian, Ontario High School

LEADERSHIP ACTIVITIES

Residence Hall, Activities Director, 1999
Microbiology Club, President, 2000-2001; Member, 1999-Present
Student Advisory Committee, Member, 2001-2002
Honors Program Member, University of Idaho, 1997-1998