



CAREER CENTER
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Biology CV Sample

Carla Johnson

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Blacksburg, MN 24060
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EDUCATION

Master of Science in Biology

St. Cloud State University (SCSU), St. Cloud, Minnesota

- GPA: 3.82

Expected June 20XX

Bachelor of Science in Biology

St. Cloud State University, St. Cloud, Minnesota

- Minor: Chemistry

May 20XX

HONORS/AFFILIATIONS

- Phi Beta Kappa
- Cunningham Dissertation Fellowship (SCSU research grant)
- American Society for Microbiology
- Sigma Xi, The Scientific Research Society
- National Institutes of Health Pre-doctoral Fellowship

August 20XX- Present
May 20XX- Present
January 20XX - May 20XX
August 2004 - May 20XX
August 20XX-December 20XX

RESEARCH INTERESTS

- Regulation of aerobic gene expression
- DNA sequencing and determination of DNA binding domains

TEACHING INTERESTS

- Undergraduate biology and microbiology courses including microbiology, genetics, and microbial genetics
- Graduate microbiology courses

RELATED EXPERIENCE

Research

Pre-Doctoral Fellow/Ph.D. Research, Department of Biology, SCSU

August 20XX- Present

- Design and conduct experiments for purification and characterization of the repressor for the sn-glycerol 3-phosphate regulon of *Escherichia coli* K-12
- Identified structure of the *glp* repressor and determined DNA binding domains

Research Fellow, National Institutes of Health, Poolesville, MD

May 20XX - August 20XX

- Synthesized and purified hundreds of oligonucleotides
- Constructed a cosmid library from human blood DNA

Research Assistant, Department of Biology, SCSU, Saint Cloud, MN August 20XX – July 20XX

- Performed protein bioassays and prepared tissue cultures
- Assisted with DNA preparations for DNA fingerprinting including isolating DNA and gel electrophoresis
- Analyzed data

Biology Research Technician, Biotech Research Laboratories, Roanoke, VA June 20XX - August 20XX

- Participated in DNA fingerprinting project
- Digested genomic DNA with restriction enzymes
- Separated digested DNA fragments by electrophoresis through agarose gels and transferring by Southern blotting technique
- Prepared buffers, photographed gels, developed autoradiographs

Teaching

Laboratory Instructor, Department of Biology, SCSU August 20XX - Present

- Taught two laboratory sections for undergraduate introductory Microbiology course

Teaching Assistant, Department of Biochemistry and Nutrition, SCSU August 20XX - May 20XX

- Advised undergraduate biochemistry students during office hours
- Graded quizzes and assignments

PUBLICATIONS

Doctor, J. B. and T. W. Advisor. Structure of the *glp* repressor and the determination of DNA binding domains. (in preparation)

Doctor, J. B. and T. W. Advisor. 20XX. Structures of the promoter and operator of the *glpD* gene encoding aerobic *sn*-glycerol 3-phosphate dehydrogenase of *Escherichia coli* K-12. J. Bacteriol. xx: xxxx-xxxx.

Advisor, T. W., J. B. Doctor, A. Colleague, and S. Colleague. 20XX. Purification and characterization of the repressor for the *sn*-glycerol 3-phosphate regulon of *Escherichia coli* K-12. J. Biol. Chem. xxx: xxxx-xxxx.

ABSTRACTS

Doctor, J. B. and T. W. Advisor. 20XX. Nucleotide sequence of the *glpR* gene encoding the repressor of *Escherichia coli* K-12. Am. Society for Microbiol. Anaheim, CA.

Advisor, T. W., J. B. Doctor, A. Colleague, and S. Colleague, A. M. Graduate. 20XX. Tandem operators control *sn*-glycerol 3-phosphate *glp* gene expression in *Escherichia coli* Gordon Res. Conf., Meriden, NH.

Doctor, J. B. and T. W. Advisor. 20XX. Regulation of aerobic *sn*-glycerol 3-phosphate dehydrogenase *glpD* gene expression in *Escherichia coli* K-12. Am. Soc. for Microbiol. Miami, FL.