(Curriculum Vitae Sample, CV#6)

Jonathan O. Benjamin

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OBJECTIVE: Post-doctoral research position related to DNA sequencing.

EDUCATION

Doctor of Philosophy, Microbiology, Expected June 20xx
Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA
Dissertation: Regulation of aerobic gene expression in *Escherichia coli*
Advisor: Thomas W. Adamson

Bachelor of Science, Biology; Minor: Chemistry, May 20xx
Old Dominion University, Norfolk, VA

HONORS/AFFILIATIONS

Phi Beta Kappa, inducted 20xx
Cunningham Dissertation Fellowship (Virginia Tech research grant), 20xx-20xx
American Society for Microbiology, 20xx - present
Sigma Xi, The Scientific Research Society, 20xx - present
National Institutes of Health Pre-doctoral Fellowship, 20xx – 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, Virginia Tech
Blacksburg, VA, 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 20xz
- Synthesized and purified hundreds of oligonucleotides.
- Sequenced DNA.
- Constructed a cosmid library from human blood DNA.

Research Assistant, Department of Biology, Virginia Tech, Blacksburg, VA
August 20xx - May 20xz
- 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, Inc., Roanoke, VA
June 20xx - August 20xz
- 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, Virginia Tech, Blacksburg, VA
August 20xx - present
- Taught two laboratory sections for undergraduate introductory Microbiology course.

Teaching Assistant, Department of Biochemistry and Nutrition, Virginia Tech, Blacksburg, VA
August 20xx - May 20xz; August 20xz - May 20xy
- 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 Beach, FL.