

## CURRICULUM VITAE EXAMPLE

### Jane Alexander

ADDRESS: Department of Biological Sciences  
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#### EDUCATION:

- 20XX Ph.D. in Cell Biology  
The Johns Hopkins University, Baltimore, MD
- 19XX B.S. magna cum laude in Biology  
Muhlenberg College, Allentown, PA

#### PROFESSIONAL EXPERIENCE:

- 20XX-XX Post-doctoral Fellow, Stanford University  
Department of Biological Sciences (Dr. John R. Smith)  
Research Experience: Initiated projects to map the order of DNA replication in the MHC, to delineate mammalian origins of replication, and to analyze molecular alterations in the germline MHC induced by methotrexate. Developed a rapid antibody assay for tissue typing and recombinant screening.  
Supervisory Experience: Supervised one full time technician, two undergraduates, one masters student, and one graduate student. Managed lab radiation safety compliance.
- 19XX-XX Graduate Student, The Johns Hopkins University  
Department of Biology (Dr. Jane R. Smith)  
Research Experience: Initiated projects to analyze tissue specific epitope differences in class I MHC molecules and to study the basis of developmental regulation of class MHC gene expression in erythroid cells. Developed a sensitive antibody assay for quantitating low levels of MHC molecules and an adsorption technique for the removal of free rhodamine from fluorochrome-conjugated antibodies.  
Supervisory Experience: Supervised two undergraduate students. Assisted in Biochemistry and Cell Biology lab courses. Managed lab radiation safety compliance.

#### PUBLICATIONS:

Alexander, J., Smith, J.R., Jones, T.A., "Mapping of Replication Order in the Major Histocompatibility Complex of the Mouse." FASEB J. 3: A363, 20XX.

Alexander, J., "The Class I MHC Antigens of Erythrocytes: A Serologic and Biochemical Study." J. Immunol. 123: 1435-1444. 20XX.

Alexander, J., "Major Histocompatibility Complex Antigens of Murine Erythrocytes." Dissertation, The John Hopkins University 19XX.

#### MANUSCRIPTS IN PREPARATION:

Alexander, J., Smith, J.R., "Developmental Abnormalities Induced in Late Gestation Stage Mice Exposed *in utero* to Methotrexate."

#### MANUSCRIPTS IN PREPARATION, CONTINUED

Alexander, J., Smith, J.R., "A Simple Filter Binding Technique for the Screening of Recombinations in the MHC."

Alexander, J., Smith, J.R., "Mapping the Order of DNA Replication in the Major Histocompatibility Complex of the Mouse: Gene Region Boundaries Correspond to the Termination Points of Adjacent Replicons."

#### TECHNICAL EXPERIENCE

Molecular genetics: Genomic DNA isolation; subcloning; generation and isotopic labelling of DNA probes from oligonucleotides, plasmids, ribopobes, and cosmids; Pulse field gel electrophoresis; Southern blot and direct gel hybridization; restriction mapping.

Immunology: Antisera generation and monoclonal antibody isolation; isotopic, fluorescent, and biotin labelling of cellular proteins and antibodies; immunoprecipitation; radioim-munoassay; ELISA; FACS analysis.

Biochemistry: Spectrophotometric enzyme assays; protein quantitation; HPLC, ion exchange, and affinity chromatography; 1- and 2-D polyacrylamide gel electrophoresis isoelectric focusing.

Tissue Culture: Mammalian adherent and nonadherent cell culture; cell separation, including Percoll density gradient and centrifugal elutriation; hybridoma culture.

#### REFERENCES:

Dr. Fred Collins-Wolfe  
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Dr. Jessica Smyther  
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Dr. Katherine Moore-Davies  
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