Minori Ohashi
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EDUCATION **Cornell University**, Ithaca, NY, B.S. in Animal Science, Cumulative GPA 4.1, May 2007
Graduation with honors at Cornell University, Dean's List every semester
2007 Dean's Award in Animal Science
Diablo Valley College, Pleasant Hill, CA, General Education, Cumulative GPA 4.0, May 2005
Academic honors and Graduation honors at Diablo Valley College

COURSES Biochemistry, Endocrinology, Organic Chemistry, Reproductive Physiology, Economics, General Chemistry, General Physics, General Biology, Psychology, Calculus, Statistics, Humanities, English

HEALTH CARE EXPERIENCE

Child Family Health International, Durban, South Africa June-July 2006
Followed and observed doctors treating patients in the emergency room, scrubbed, assisted Caesarean operations and natural delivery, treated HIV patients with nurses and helped counseling at R.K Khan Hospital. Visited informal settlements and conducted home based care at Chatsworth Hospice. Supervised and interacted with children at Aid's Orphanage in Kwa Mashu. Had weekly assessments and discussions in Dr. R Naidoo's clinic.

Medical Assistant, Ohashi Hospital, Ishikawa, Japan Summers and Winters 1998-2006
Bathed the elderly and built up a fellowship with them in the day-care center. Assisted doctors, nurses, radiologists and chiropractors. Described treatment procedures and prepared patients for examination.

RESEARCH EXPERIENCE

Undergraduate Research, *Dr. Ralph Obendorf, Seed Biology,* Cornell University
Feeding free cyclitols to immature soybean embryos August 2006-Present
Researched to determine if feeding free cyclitols to isolated soybean embryos of low-raffinose, low-stachyose lines results in enhanced accumulation of fagopyritol B1, which can easily be hydrolyzed to D-chiro-inositol for potential treatment on non-insulin dependent diabetes mellitus and polycystic ovary syndrome, while maintaining low concentrations of Raffinose Series Oligosaccharides to minimize flatulence. Performed extraction and analysis of targeted compounds using high resolution gas chromatography.

Undergraduate Research, *Dr. Patricia Johnson, Animal Physiology, Department of Animal Science,* Cornell University
Determining the over-expression of CA125 in chicken ovarian tumors January-May 2006
Researched the expression of CA125 in chicken ovaries in both normal tissues and tumors using hens as a model for ovarian cancer. With the browser, searched MUC16 homolog in chicken, extracted RNA, conducted reverse transcription reaction, PCR and run gel.

Determining COX-1 level in the tumor cells removed from chicken ovaries August-December 2005
Researched effects of Prostaglandin E2 to prove the increased COX-1 level in the tumor cells removed from chicken ovaries and functionality of the COX-1. Assisted a competitive enzyme immunoassay to determine the level of PGE2.

Lab Assistant, *Department of Biology*, Diablo Valley College August 2004-May 2005
Prepared solutions and lab instruments for classes such as flies preparation, chromatography, enzyme assays, bacteria cultures preparation, light microscope, centrifuges and incubators. Performed gel electrophoresis for DNA fingerprinting analysis.

OTHER EXPERIENCES

Organic Chemistry Tutor, College of Agriculture and Life Sciences, Cornell University August 2006-Present
Volunteer, Southern Tier AIDS Program, INC., Ithaca, NY August 2006-Present
Volunteer, Tutor, Department of Animal Science, Cornell University, Ithaca, NY April, 2006
Spanish Tutor, Department of Foreign Language, DiabloValleyCollege, CA August-December 2003

SKILLS Fluent in Japanese and English. Proficient with Word, Excel, PowerPoint, Photoshop and Illustrator.
Data collection, analysis, and presentation. Oral and written reports. Preparation of manuscripts for publication