

# Daniel Berk Knox

MEDICAL SCHOOL ADDRESS:  
1322 Crescent Drive  
Tarrytown, NY 10591

Email: dan@eknox.net or  
Daniel\_Knox@nymc.edu  
Mobile Phone (415) 717-0784

ALTERNATIVE ADDRESS:  
921 Vernal Avenue  
Mill Valley, CA 94941-3411

## Education

NEW YORK MEDICAL COLLEGE	Pursuing MD, expected graduation 5/2008 Passed USMLE Step 1 6/2006	August 2004 To Present Valhalla, NY
LEWIS AND CLARK COLLEGE	BA Mathematics, emphasis in Pre-Medical Coursework	August 1999 to May 2003 Portland, OR

## Research/Relevant Employment

HIGHLAND COMMUNITY HOSPITAL	Performed patient interviews on all patients entering the Emergency Department for Ora-Quick Rapid HIV Study	Summer 2005 Oakland, CA
UCSF/SFGH CORE IMMUNOLOGY LABORATORY STAFF RESEARCH ASSOCIATE	Developed and validated a custom automated solution to perform assays of immune phenotype and function in support of HIV/AIDS clinical research protocols. Responsibilities included developing, troubleshooting, and performing advanced immunophenotyping, quantitative flow cytometry (CD38), and intracellular cytokine flow cytometry (CFC).	July 2003 to August 2004, Gladstone Institute of Immunology & UCSF Dept. of Medicine
LEWIS AND CLARK STUDENT ACADEMIC AFFAIRS BOARD GRANT FOR BIOLOGY RESEARCH	Received grant for student driven research to independently study apoptosis in <i>C. elegans</i> . Using a DeltaVision Microscope I first categorized a novel immunofluorescent antibody and then used it to investigate apoptosis.	Spring 2003 Portland, OR
LEWIS AND CLARK COLLEGE OVERSEAS PROGRAM	Conducted Independent Research Project while on cultural study semester abroad program located in India titled, "A study of Medical Facilities and Services for HIV patients".	September to December 2001 Northern India

## Publications

Eisenhut, R.J., Knox, D., and Hermann, G.J. (2005) Characterization of a conserved apoptotic marker expressed in *Caenorhabditis elegans* phagocytic cells. *Biochem. Biophys. Res. Comm.* 335:1231-1238.

Knox DB, Suni MA, Ghanekar SA, Maecker HT, Epling CL, Sinclair E, Bredt B., McCune JM, Maino VC, Dunne JF. Performance of Cytokine Flow Cytometry with Automated Specimen, Reagent, Tube, and Plate Handling Utilizing Lyophilized Antigen and Antibody Plates. (in preparation).

## Posters

Knox, D., et.al. (2005, January), An Automated Cell Processing System for Assays of Immune Function: Development and Validation, Poster presented at LabAutomation2005, San Jose, CA. expressed in *Caenorhabditis elegans* phagocytic cells. *Biochem. Biophys. Res. Comm.* 335:1231-1238.

Knox, D., Epling, L., Sinclair, E., and Bredt, B.. (2004, May) Use of automation to perform Intracellular Cytokine Flow Cytometry. Poster presented at the Annual J. David Gladstone Retreat, Monterey, CA.

Hermann, G.J., and Knox, D. (2003, December) Investigating *C. elegans* apoptosis in an undergraduate Cell Biology course, Poster presented at the American Society for Cell Biology Annual Meeting, San Francisco, CA.

Hermann, G.J., and Knox, D. (2003, June) Investigating *C. elegans* apoptosis in an undergraduate Cell Biology course, Poster presented at the 14th International *C. elegans* Meeting, UCLA, CA.

## Professional Memberships

AMSA 2004 - present, American Association of Family Physicians 2004-present

## Activities

MEDICAL SCHOOL GROUPS	Family Medicine Interest Group Member 2004-present LGBT/PEOPLE of Medicine founding member 2004-present Emergency Medicine Club Treasurer 2005-2006 Climbing Club President 2005-2006	<i>New York Medical College Valhalla, NY</i>
2006 INTERNATIONAL MOUNTAIN RESCUE CONFERENCE	Conference Organizer, Registration Coordinator, High Angle Rescue Instructor and Scenario Proctor; 175 attendees	<i>June 2006 Marin County, CA</i>
MARIN COUNTY SHERIFF'S DEPARTMENT SEARCH AND RESCUE TEAM	Active senior member of team. Received youth volunteer of the year award 1998. Past Treasurer, high-angle team coordinator. Currently Website administrator, Search Management Team member and rescue skills instructor	<i>December 1996 to present</i>
BOY SCOUTS OF AMERICA (TROOP 1, MILL VALLEY, CA)	Attained the rank of Eagle scout December 1999 after 9 active years of scouting at the local and countywide level	<i>1987 to 1999 Mill Valley, CA</i>

## Interests

Rock/Ice Climbing, Road Biking, Mountaineering, Telemark Skiing, Backpacking, Meditation, Cooking, Sourdough Baking