

CURRICULUM VITAE

SUNIL KUMAR AGGARWAL

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----- **FORMAL EDUCATION** -----

- University of Washington School of Medicine (UWSOM), Fourth Year Medical Student, entering class 2002, MD/PhD program, Medical Scientist Training Program. Graduation date: June 2010.
- University of Washington Department of Geography, PhD in Geography, specialization in Medical Geography, Fall 2004-Summer 2008. Dissertation title: "The medical geography of cannabinoid botanicals in Washington State: Access, delivery, and distress." Advisor: Dr. Jonathan Mayer.
- University of Edinburgh, Scotland, Fall 2000, semester study abroad, GPA 3.70.
- University of California, Berkeley, 1997-2001, BS in Chemistry with High Honors and BA in Philosophy with Distinction; minor: Religious Studies; cumulative GPA 3.75.
- Oklahoma School of Science and Mathematics, Oklahoma City, OK, 1995-97, GPA 4.00.
- Muskogee High School, Muskogee, OK, 1993-1995, GPA 4.00.

----- **SCIENTIFIC WORK EXPERIENCE** -----

- Conducted medical geographic dissertation field research, retrospective and prospective studies involving 176 chronically and critically ill patients selected in two convenience samples--one from a rural pain clinic and the other from an urban cannabinoid botanical delivery clinic. Title of project: The medical geography of cannabinoid botanicals in Washington State: Access, delivery, and distress. Approvals secured from Doctoral Supervisory Committee, UW Human Subjects Division, and Certificates of Confidentiality issued by the NIH NCCAM (National Center for Complementary and Alternative Medicine), 2007-8. Dissertation successfully defended on 8/22/2008. Shelved in the University of Washington Suzzallo library and available by open-access electronically through University of Michigan Dissertations Index. So far, one paper based on this dissertation research has been published and another is in press.
- Malaria drug-resistance research: Using microsatellite markers to geographically track drug-resistant *dhfr* alleles in *P. Falciparum*, Research Rotation, under Dr. Carol Sibley, University of Washington Genome Sciences Department, Summer 2003.

- Medical geography, research rotation, under Dr. Jonathan Mayer, University of Washington Geography Department, Summer 2002.
- Chemical neurobiology research: developing chemical tools to probe proteins involved in synaptic signaling in learning and memory, under Dr. Pamela England, University of California, San Francisco, Autumn 2001—Winter 2002.
- Antibiotics discovery research project: elicitation of antibioticly-active secondary metabolites from co-cultured marine bacteria, University of Hawai'i, Manoa, MarBEC/NSF Research Fellowship, under Dr. Thomas Hemscheidt, Honolulu, HI, Summer 2001.
- Medicinal chemistry internship: hypercholesterolemia pharmaceuticals development, Tularik, Inc., under Dr. Sharon McKendry, San Francisco, CA, May-September 2000.
- Polymer chemistry and photolithography research project: synthesis and evaluation of novel monomers and polymers for 193nm lithography, IBM Almaden Research Labs, NSF/IBM Research Fellowship, under Dr. Richard DiPietro, San Jose, CA, Summer 1999.
- Bioorganic chemistry research project: synthesis of an unnatural amino acid, UC Berkeley, under Dr. Peter Schultz, Berkeley, CA, Summer 1998.
- Bioinformatics research project: evolutionary history of phycobiliproteins based on sequential alignment, UC Berkeley, under Dr. Alexander Glazer, Berkeley, CA, Fall 1997.
- Organic chemistry research project: retention time prediction in gas chromatography, Baylor University, High School Science Research Fellowship, under Dr. Charles Garner, Waco, TX, Summer 1996.

----- **CLINICAL EXPERIENCE** -----

- Completed Obstetrics and Gynecology, Psychiatry and Behavioral Sciences, Pediatrics, Surgery, Medicine, Chronic Care—Palliative Care, Rehabilitation Medicine, and Emergency Medicine Clerkships, UWSOM, Summer 2008-Autumn 2009. Pain Clinic Clerkship, Autumn 2009-ongoing.
- Preceptorship in Muscular Dystrophy Association Clinic with UW Rehabilitation Medicine Professor Gregory Carter, 2004-2008.
- Preceptorship, Seattle Dunshee House Medical Cannabis Clinic, 2009-ongoing.
- Helped Conduct Prisoner-Extraction for Chronic Pain Patient, Seattle, WA, September 2005.
- Completed Betty Ford Center Summer Institute for Medical Students Inpatient Program, totaling 42 hours, Rancho Mirage, CA, Summer 2005.
- Completed Family Medicine Clerkship at the Country Doctor Community Clinic, Seattle, WA, UWSOM, Summer 2004.
- Completed 30 hours work experience in Swedish Providence Emergency Department, Seattle, WA, Summer 2004.

- Completed preceptorship in family medicine with Dr. Peter Grote, Montlake Professional Building, emphasis on integrative medicine, Seattle, WA, Spring 2003.
- Completed Anatomy and Autopsy elective, UWSOM, Spring 2003.
- Completed The Healer's Art elective, UWSOM, Winter 2003.
- Completed Introduction to Mind/Body Medicine elective, UWSOM, Autumn 2004.
- Completed Tropical Medicine elective and Introduction to Emergency Medicine elective, UWSOM, Spring 2004.
- Proficient in full physical exam and complete medical database.
- Volunteer first aid medic for Seattle outdoor public events: First Aid/CPR Certification, September 2002.
- Volunteer Clinical Work at the Community Health Advancement Program Dermatology Clinic for the Homeless at Seattle's Downtown Emergency Service Center, 2002.
- Additional Clinical Mentoring with Dr. Greg Carter (Physical and Rehabilitation Medicine), Dr. Jonathan Mayer and Dr. Wes van Voorhis (Infectious Disease, Travel Medicine, Family Medicine), Dr. Vijay Aggarwal (Nuclear Medicine), Dr. Tod Mikuriya and Dr. Frank Lucido (Medical Cannabis Consultation)
- Passed, United States Medical Licensing Exam (USMLE) Step 1, 2004.
- Passed, United States Medical Licensing Exam (USMLE) Step 2CK, 2009
- Language Proficiencies: conversational Hindi, some Punjabi, beginner German

----- **PUBLICATIONS** -----

- Aggarwal SK, Carter GT, Sullivan MD, Morrill R, ZumBrunnen C, Mayer JD. Medicinal use of cannabis in the United States: Historical perspectives, current trends, and future directions. *Journal of Opioid Management* 2009 May; 5(3): 153-168. Cited in PubMed; PMID: 19662925.
- Aggarwal SK, Carter GT, Sullivan MD, Morrill R, ZumBrunnen C, Mayer JD. Characteristics of Patients with Chronic Pain Accessing Treatment with Medical Cannabis in Washington State. *Journal of Opioid Management* 2009, In Press, expected in forthcoming September/October issue.
- Aggarwal SK, Kyashna-Tocha M, Carter GT. Dosing Medical Marijuana: Rational Guidelines on Trial in Washington State. *Medscape General Medicine*. 2007;9(3):52. Epub 2007 Sept 11. Cited in PubMed; PMID: 18092058.
- Aggarwal SK and Carter GT. Neuroprotective Therapeutic Cannabinoids. In: Holland J, ed. *Cannabis: The Complete Guide. A Comprehensive Look at the Risks and Benefits of Marijuana*. Rochester, VT. Park Street Press, 2009, In Press.
- Aggarwal SK, Carter GT, Steinborn JJ. Clearing the air: what the latest Supreme Court decision regarding medical marijuana really means. *American Journal of Hospice and Palliative Medicine*. 2005 Sep-Oct;22(5):327-9. Cited in PubMed; PMID: 16225351.
- Contributing Author to definitions of "Kwashiorkor", "Malaria", "Medical Geography", "Political Ecology of Disease" in *Meanings Beyond Mountains: A*

Glossary of Terms from the Work of Paul Farmer, edited by Dr. Matthew Sparke, as part of the 2006 UW Common Book *Mountains Beyond Mountains* Study Guide developed by the UW Center for Curriculum Transformation.

(<http://depts.washington.edu/ctcenter/MBMglossary.shtml#medgeog>)

- “The World Within Us.” In *Mantranjali* Souvenir Book for the occasion of Prana Prathishtapana and Maha Kumbhabhishekam. Hindu Temple of Greater Tulsa, 2005.
- Given acknowledgement for help with assembling sequence data in: Bickel PJ, Kechris KJ, Spector PC, Wedemayer GJ, Glazer AN. Finding important sites in protein sequences. *Proc Natl Acad Sci U S A*. 2002 Nov 12;99(23):14764-71. Epub 2002 Nov 4.
- Aggarwal S. Hemscheidt T. Elicitation of Antibiotically Active Secondary Metabolites from Co-cultured Marine Bacteria. *Berkeley Scientific Journal*, 2002, vol. 6:1, 39-42.
- Research results published and acknowledgement given in Garner, Charles. *Techniques and Experiments for Advanced Organic Laboratory*; Wiley & Sons: New York, 1997; pp 46-48.

----- PRESENTATIONS -----

- Gave invited public testimony to Iowa Board of Pharmacy regarding medical cannabis science and clinical practice, 8/19/09.
- “The medical geography of cannabinoid botanicals in Washington State: Access, delivery, and distress.” Oral Presentation at 2009 National Conference for Physician Scholars in the Social Sciences and Humanities. Philadelphia, PA. 3/29/09
- Invited speaker at UW Department of Rehabilitation Medicine Research Seminar. Topic: “Cannabinoid Botanicals for the Management of Chronic Pain and Illness: Access, Delivery, and Distress in Two Convenience Samples of Qualifying Patients in Washington State.” 3/23/09.
- Invited speaker at UW Student Public Health Association Brown Bag Seminar. Topic: Ph.D. dissertation research. 11/19/08.
- Invited speaker on panels at 2008 Seattle Hempfest Hemposium entitled “State of the State: Washington Medical Marijuana Law”, “Ask Your Doctor If Medical Marijuana Is Right For You”, “Cannabis and Spiritual Freedom.” 8/16-17/08.
- “Medical Geographic Perspectives of the U.S. War on Drugs and Public Health.” Invited speaker for class session of GEOGRAPHY 280: Introduction to the Geography of Health and Health Care. Co-presented with Dominic Corva, Ph.C., 8/14/08.
- Invited guest NORML’s Daily Audio Stash: The Growing Truth About Cannabis Podcast. Topic: Medical Students and Medical Marijuana. 7/17/08.
- Invited guest on the FM 89.5 KOPN Community Radio in Columbia, MO. “Sex, Drugs, and Civil Liberties” with host Dan Viets. Topic: Medical Marijuana and the AMA. 7/1/08.

- “Shedding Light On Unseen People: What the Candidates Should be Saying About Immigration and Drug Policies”, Invited Moderator and Panelist, Abe Keller Peace Education Fund Annual Meeting, 4/9/08.
- “War as the continuation of healthcare by other means: the U.S. war on drugs and the perversion of public health”, UW Global Health Seminar co-presented with Dominic Corva, Ph.C., 3/7/08.
- “Industrial Hemp.” Invited speaker for class session of LAW, SOCIETIES, AND JUSTICE 380: “Reefer Madness”: Cannabis and Criminalization in the U.S., 1/31/08.
- “Marijuana and Medical Geography.” Invited Speaker for class session of LAW, SOCIETIES, AND JUSTICE 380: “Reefer Madness”: Cannabis and Criminalization in the U.S., 2/19/08.
- Invited moderator for Wallingford Neighbors for Peace and Justice Meaningful Movies Event Panel featuring King County Councilmember Larry Gossett following screening of *American Drug War: The Last White Hope*, 11/9/07.
- “Medical Geographic Perspectives on the Drug War”, Invited Speaker, Hosted by the Cannabis Reform Union of Highline Community College, Des Moines, WA, 10/30/07.
- Presented Public Comment at all four statewide public workshops held by the Washington Department of Health on medical marijuana 60-day supply rules and safe and effective distribution systems rulemaking: Seattle (9/10/07), Spokane (9/11/07), Vancouver (9/17/07), Yakima (9/19/07).
- “Medical Marijuana and Structural Violence.” Invited speaker for class session of LAW, SOCIETIES, AND JUSTICE 375: Crime, Politics, and Justice, 10/23/07.
- Invited Presentation at Seattle Hempfest Core Staff Retreat: “Cannabis Use: Harm Reduction and Benefit Maximization.” 10/20/07.
- Invited guest on the AM 790 KGMI (largest AM radio station in Whatcom County, Washington) “The Joe Teehan Show”. Topic: Medical Marijuana in Washington State. 8/30/07.
- Invited speaker on panels at 2007 Seattle Hempfest Hemposium entitled “Cannabis and Religious Freedom” and “Ask Your Doctor If Medical Marijuana Is Right For You.” 8/18-19/07.
- Aggarwal, S. “The Medical Geography of Medical Marijuana” UW Medical Scientist Training Program Poster Session. 8/13/07.
- Invited emcee for “From Hiroshima to Hope 2007”. Twenty-third annual Toro Nagashi lantern floating event commemorating the 62nd remembrance of the victims of the atomic bombings of Hiroshima and Nagasaki and all victims of war and violence. Greenlake, Seattle, WA. 8/6/07.
- “Drug War Structural Violence.” Invited Speaker for class session of LAW, SOCIETIES, AND JUSTICE 375: Crime, Politics, and Justice, 6/28/07.
- “Learning About Medical Marijuana as a Medical Student in a Medical Marijuana State.” Symposium in Exile, June 23, 2007: Medical Marijuana: Myths, Facts & Current Science, Chicago, IL. Presented by The Medical Marijuana Policy

Advocacy Project (MMPAP) in collaboration with Roosevelt University's Illinois Consortium on Drug Policy, Students for Sensible Drug Policy (RU Chapter), and the Drug Policy Alliance.

- Invited presentation: "The Medical Consequences of the Drug War: A Focus on Violence" Hosted by Bastyr University Student Physicians for Social Responsibility, 5/21/07.
- "The Political Ecology of Cannabinergic Botanical Medicine Access and Delivery: Cost-Effectiveness and Death Penalty Apportionment for a Germplasm-Linked Group of Qualifying Patients in Washington State." Abstract Accepted for Poster Presentation at the 2007 MD/PhD Conference: Rethinking Health, Culture, and Society: Physician-Scholars in the Social Sciences and Medical Humanities. Chicago, IL. 4/21/07.
- Abstract Accepted for Oral Presentation at 2007 Association of American Geographers Annual Meeting: San Francisco, CA. 4/19/07. Same topic as above.
- Invited speaker for Wallingford Neighbors for Peace and Justice Meaningful Movies Event following screening of *Waiting to Inhale: Marijuana, Medicine, and the Law*. 3/16/07.
- "The Medical Consequences of the Drug War: A Focus on Violence", Invited Presentation at the 2007 National Student Physicians for Social Responsibility Conference, Stanford University, 2/24/07.
- Invited moderator for "The War on Drugs: A Panel Discussion" featuring Former Seattle Police Chief Norm Stamper, King County Councilmember Larry Gossett, and King County Bar Association Drug Policy Project Deputy Director Rachel Kurtz. Organized by the Student Physicians for Social Responsibility at UW. 2/13/07.
- "The Impact of Global Warming Induced Mean Sea Level Rise on the Puget Sound Coastal Zone." Co-presented final project in GEOGRAPHY 460: Geographic Information Systems Analysis: A Coastal Perspective, Fall 2006, 12/6/06.
- Invited speaker on "Breaking State Monopolies on Botanical Medicines" at town hall forum entitled "Essential Medicines: Global Access, Global Responsibility" hosted by the UW student chapter of Americans for Informed Democracy, along with Universities Allied for Essential Medicines at UW and AMSA UW Premedical Chapter. 11/21/06.
- Invited speaker on panel "War, Health and Human Rights" in GEOGRAPHY 195: Violence, Resistance & Lessons of Paul Farmer. 11/13/06.
- "Emergency Cross-Border Prison Extractions in the Americas: Global Health, Structural Violence, and the Enforcement of Evidence-Denying Prohibitions on Botanical Biota." Invited talk part of the 'Students Moving Mountains' Speakers Series sponsored by the University of Washington Libraries and the Friends of the UW Libraries, 11/2/06.
- Invited speaker on sociomedical context of cannabis therapeutics at staff retreat of Rosehedge: AIDS Housing & Health Care in Seattle, WA. 8/30/06.

- Invited speaker on panel at 2006 Seattle Hempfest entitled “Cannabis: A Holistic Medicine”, 8/19/06. Broadcast on SCANTV, Seattle Community Access Network.
- “Substance Abuse: A medical/legal problem.” Invited speaker for class session of LAW, SOCIETIES, AND JUSTICE 375: Introduction to Criminal Justice, 6/26/06.
- “Resistance to the War on Drugs.” Invited speaker for class session of LAW, SOCIETIES, AND JUSTICE 380: Contemporary Issues in Law, Societies, and Justice: The War on Drugs and Globalization, 5/31/06.
- “Mental Health and Cannabis: Loose Ends.” Invited presentation at 2006 NORML Conference in San Francisco, 4/21/06.
- Invited member of panel “Grass Roots to Grass Tops: Activists Effectively Working Together At All Levels” at the 2006 National Organization for the Reform of Marijuana Laws Conference in San Francisco, 4/20/06. Broadcast nationally on C-SPAN Radio, 5/7/06, 10 AM (eastern).
- “Persecution of the Ill and Disabled who use Cannabis as Medicine – Health and Human Rights Cases in the American-led ‘War on Marijuana’”; Written and Presented for Health Services 590K/Law H540: Health and Human Rights, Winter 2006, 3/7/06.
- Invited seminar discussion leader for GEOGRAPHY 580: Medical Geography Graduate Seminar. Topic: “Social Theory and Narrative in Medical Geography”, 12/7/05.
- Presenter on “Washington Physicians for Social Responsibility supports drug policy reform” at King County Bar Association’s Press Conference on ‘An Exit Strategy from the War on Drugs.’ Subsequently broadcast on Seattle Channel. 3/3/05.
- Presenter at press Conference on the costs of the Iraq War organized by Steve Ludwig of S.N.O.W.: Sound Nonviolent Opponents of War. Theme: US siege on Fallujah. 2/14/05.
- Presented inaugural address at the 2004 Washington Physicians For Social Responsibility Annual Dinner. Theme: “Bringing In the Next Generation”, 10/16/04.
- “Developing a Depression Management System: A Small Follow-up Study.” UW MSTP (Medical Scientist Training Program) Poster Session. 8/21/04.
- “Smoking, Nutrition, and Physical Activity: Do Physicians Have a Role to Play in Modifying Patient Behaviors?” Group presentation for HUMAN BIOLOGY 555: Medicine, Health, and Society: Discussions in Health Policy, Winter 2004, 1/27/04.
- “Of Malaria and Microsatellites: Geographically Tracking drug-resistant *dhfr* alleles in *Plasmodium Falciparum*” Sibley Lab, UW Genome Sciences, 9/2/03.
- “Elicitation of antibiotics.” Presentation given at the Marine Bioproducts Engineering Research Center Industrial Advisory Board Meeting. 8/6-7/01.
- “Before the Blizzard Came: the Rise and Fall of the 1890 Ghost Dance Religion.” Paper presented at 2001 American Academy of Religion Western Regional Meeting. 3/11-13/01.
- Medicinal chemistry internship final presentation. Tularik, Inc. 9/8/00.

- Aggarwal S., DiPietro R., Allen R. Synthesis and evaluation of novel monomers and polymers for 193nm lithography. Poster presentation given at IBM Almaden Research Labs. A technical paper was submitted as part of the NSF GOALI grant CHE9625628. 8/11/99.

----- **COMMUNITY SERVICE AND TEACHING ACTIVITIES** -----

- Manuscript Reviewer for *Harm Reduction Journal*, *The Geographical Review*, and the *International Journal of Drug Policy*.
- American Physician-Scientists Association (APSA) Institutional Representative for University of Washington, 2008-2009. Helped the national organization grow and tie into the MD/PhD students and programs that are geared towards social sciences.
- American Medical Association, Medical Student Section (AMA-MSS), Elected Alternate Delegate representing UWSOM-Seattle campus as a delegate at national meetings, 2008-2009. Lead author on adopted resolution calling for reclassification of cannabis from a Schedule I substance to a more appropriate class. Currently under review by AMA House of Delegates. Chosen by the AMA's Council on Science and Public Health to serve as a designated expert reviewer for their upcoming report on this topic. Policy effort was reported on the *Psychiatric News*, the American Psychiatric Association's newsletter, and it was chosen as one of the highlights of the AMA's meeting in November 2008. Also served as a medical student delegate to the Washington State Medical Association, where I lobbied for a similar resolution, which passed in Sept. 2008
- Washington Physicians for Social Responsibility (WPSR) Immediate Past President, 2004-2006, Executive Board, 2004-2007, Board Member, 2003-ongoing.
- Abe Keller Peace Education Fund, Board Member, 2007-ongoing.
- Co-founder and Project Advisor for The Marijuana Project of Washington State, an organization fighting for the rights of medical marijuana patients in Washington State and beyond through legal defense, and education of lawyers, health professionals, lawmakers, and voters. Project is a collaboration of The November Coalition with the Law Office of Douglas Hiatt, 2007-ongoing.
- Co-founder, Vice President of Membership, and Board Member of the American Academy of Cannabinoid Medicine. An organization promoting medical standards and education in the emerging field of cannabinoid medicine, 2008-ongoing.
- Invited Delegate, Beyond 2008: An International NGO Forum, Vancouver, Canada. Part of a worldwide United Nations civil society consultation on International Drug Conventions system reviewing the accomplishments and failures of the UN General Assembly Special Session (UNGASS) on drugs. One of two North American consultations. February 4–5, 2008.
- Al-Shifa, UWSOM student-run free community clinic, Board Member, 2007-8.
- Founding Officer, UW Students for a Democratic Society, 2007-ongoing.
- Medical Marijuana Policy Advocacy Project, Scientific Advisory Board Member, now merging with the Medical and Scientific Advisory Board of Americans for Safe Access, 2007-ongoing.

- Invited, state legislature-mandated medical expert Stakeholder in Washington State Department of Health rulemaking process regarding medical marijuana dosing, supply, access and delivery, 2007-ongoing.
- Seattle Hempfest Speaker's Crew Core Volunteer, 2007-9. Panelist, Speaker: 2006, 2007, 2008, 2009. Cannabis Expert Information Dissemination Canopies co-creator, 2007.
- Physicians for Social Responsibility, Social Justice Committee Member, 2007-ongoing.
- American Student Delegate to 2006 International Physicians for the Prevention of Nuclear War (IPPNW) World Congress, Helsinki, Finland. Sept 7-10, 2006.
- Member of American Medical Association, Association of American Geographers, American Physician Scientist Association, American Academy of Pain Management, American Society of Addiction Medicine, American Academy of Cannabinoid Medicine, American Academy of Hospice & Palliative Medicine
- Health Professional Students for Substance Abuse Training, Board Member, 2006-7.
- Member of WPSR/IPPNW delegation that visited health care and peace workers Israel/Palestine, March 2005.
- State Delegate, Washington State Democratic Convention, 2004.
- Trained Volunteer with Chaya, a South Asian American Domestic Violence advocacy and support organization, 2006-ongoing.
- Patient and Health Policy Reform Advocate: Public comment, courtroom advocacy, & care for patients whose rights to health have been compromised by flawed public health regulation and Control of Substance Abuse.
- Graduate and Professional Student Senator, representing Geography Dept., Feb. 2006-May 2007. Served as liaison to Associated Students of the University of Washington Senate and spearheaded GPSS support for repeal of the HEA (Higher Education Act) Aid Elimination Penalty.
- UWSOM Student Physicians for Social Responsibility co-chair, 2003-4.
- Member of King County Bar Association's Drug Policy Project—Legal Frameworks Group. Member of American Civil Liberties Union Drug Policy Coordinating Group.
- Student Advisory Group member for Introduction to Clinical Medicine course, UWSOM, 2003-4.
- Member of UWSOM International Health Group; volunteer for three Annual Western Region International Health Conferences, 2002, 2005, 2010.
- Teacher for Seattle Kaplan Test Prep, MCAT, 11/02-07/03, 10/04-04/05
- Teaching assistant for general chemistry intensive section, UC Berkeley, 1 semester, 2001.
- Tutoring: volunteer general chemistry tutor at UC Berkeley Student Learning Center, trained position, 1999-2001.
- Tutoring: private tutoring offered in organic chemistry, Spring 2001.
- Tutoring: volunteer math tutor for AmeriCorps program, Summer 1999.

- Volunteer Caseworker for Suitcase Clinic and Women's Clinic, free health clinics for the homeless, trained position, Spring 2000.
- Member of UC Berkeley Students For Sensible Drug Policy Chapter, Fall 2001. SSDP founding officer at the University of Washington, 2007.
- Research Papers Editor for *Berkeley Scientific: The Journal of Young Scientists*, Spring 1999-Summer 2000.
- Assistant Editor and list manager for *Cal Literary Arts Magazine*, Spring 1999.
- Member of UC Berkeley Undergraduate Philosophy Club, Spring 1998-Fall 2001.
- Member of Honor Students' Society, community service club, Spring 1998.
- Publicity Chairperson for South Asian Student Alliance, Spring-Fall 1998.
- Chairperson for Residential Hall Peer Review Board, Fall 1997-Spring 1998.

----- **AWARDS AND HONORS RECEIVED** -----

- Recipient of Global Health Pathway Certificate, 2009, with service as Student Representative on UW Global Health Department Curriculum Development
- Invited Speaker to National Association of Boards of Pharmacy meeting, 12/2009
- Invited Speaker to Sixth National Clinical Cannabis Therapeutics Conference, 04/2010
- Poncin Scholarship recipient, 2008-2010.
- Freedom Fighter of the Month, *High Times* magazine, March 2008.
- Designated Expert in Medical Marijuana by University of Washington Media Relations, 2007.
- Travel Grant Awardee, Student Physicians for Social Responsibility, 2006.
- National Science Foundation Graduate Research Fellow, 2005-ongoing. Honored at First-Year National Fellowship and Graduate School Medal Awards Reception, 4/6/06.
- Mental Diversity Scholar, Center for Cognitive Liberty & Ethics, Davis, CA, 2006.
- Honors evaluations in Clinical Epidemiology; Medicine, Health and Society; and Psychopharmacology, UW School of Medicine, 2004.
- Barry M. Goldwater Scholarship, 1998.
- Chemistry Honors Student, UC Berkeley College of Chemistry, 1999, 2000, 2001
- UC Berkeley Kraft Scholarship, 4.00 GPA freshman year, 1998
- Howard Memorial Scholarship, UC Berkeley College of Chemistry, 1998
- Golden Key National Honor Society Inductee, UC Berkeley, 1999
- Outstanding Tutor Award, Honor Students' Society, UC Berkeley, 1998
- Distinguished Member Award, Honor Students' Society: for most community service hours, UC Berkeley, 1998
- US National Chemistry Olympiad Team member, first from Oklahoma, 1997
- Robert C. Byrd Honors Scholarship, 1997
- National Merit Scholarship, 1997

----- RECENT CONFERENCES ATTENDED-----

- 2009 National Conference for Physician Scholars in the Social Sciences and Humanities. Philadelphia, PA. 3/28-29/09.
- American Medical Association Annual Meetings, Orlando, FL, 11/8-11/08; Chicago, IL, 6/12-18/08.
- Fifth National Clinical Conference on Cannabis Therapeutics, Pacific Grove (Monterey), CA, 4/4-5/08.
- 2007 International Drug Policy Reform Conference, New Orleans, LA, 12/5-8/07.
- 2007 MD/PhD Conference: Rethinking Health, Culture, and Society: Physician-Scholars in the Social Sciences and Medical Humanities, Chicago, IL, 4/21-22/07.
- 2007 Association of American Geographers Annual Meeting, San Francisco, CA, 4/18-20/07.
- 2007 National Student Physicians for Social Responsibility Conference, Stanford University, Palo Alto, CA, 2/24/07.
- American Student Delegate to 2006 International Physicians for the Prevention of Nuclear War World Congress, Helsinki, Finland, 9/7-10/06.
- Western Regional International Health Conferences on Politics, Social Justice, and Global Health, University of Washington, 11/15-17/2002; 2/18-20/2005.
- 34th, 35th, & 36th National Organization for the Reform of Marijuana Laws (NORML) Conferences, 3/31-4/2/05, 4/20-22/06 (San Francisco, CA), 10/11-14/07 (Los Angeles, CA).
- “Practicing Theory, Theorizing Practice: Physician Scholars in the Social Sciences and Humanities”; MD/PhD Social Science and Humanities Conference, San Francisco, CA, 5/14-15/05.
- Entheogenesis 2: From Darkness Back to Light, Vancouver, BC, 5/21-23/05.
- International Cannabinoid Research Society Meeting, Clearwater Beach, FL, 6/24-27/05.
- Keeping the Door Open 2005: Dialogues on drug use. A symposium: “Beyond Drug Prohibition: A Public Health Approach”, Vancouver BC, 10/18-19/05.
- 2006 American Association of Geographers Annual Meeting, incl. NIDA/AAG Symposium on Geography and Drug Addiction, Chicago, IL, 3/7-11/06.
- Fourth National Clinical Conference on Cannabis Therapeutics, Santa Barbara, CA, 4/6-8/06.
- Mental Diversity Scholar attendee to Human Enhancement Technologies and Human Rights Conference, Stanford Law School, Palo Alto, CA, 5/26-28/06.