

Curriculum Vitae

DANNY H. KIM, Ph.D.

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PROFESSIONAL EXPERTISE

Environmental Health Sciences - Toxicology

EDUCATION AND POST DOCTORAL TRAINING

2006 Post-Doctoral Fellow, Environmental Health Sciences, UCLA, CA
2005 Ph.D. in Environmental Health Sciences, UCLA, CA
1998 B.S. in Chemistry, UC Berkeley, CA

EMPLOYMENT

2014 to present **Associate Professor**, Department of Health Science, CSU Fullerton, CA
Undergraduate and MPH Track Coordinator of the Environmental and Occupational Health and Safety (EOHS) Track
- HESC 415: Environmental Health
- HESC 416: Global Issues in Environmental Health
- HESC 421: Infectious Disease Epidemiology
- HESC 462: Environmental Toxicology and Health
- HESC 515: Advanced Environmental Health
- ENST 595T: Environmental Toxicology
- ENST 595T: Atmospheric Pollution
2008 to 2014 **Assistant Professor**, Department of Health Science, CSU Fullerton, CA

Previous Employment

2009 Visiting Research Assistant, UCLA
2007 to 2008 Lecturer at Azusa Pacific University, CA
- CHEM 101: Introduction to Chemistry
- CHEM 151: General Chemistry, Lab
- CHEM 152: General Chemistry II, Lab
2007 to 2008 Lecturer at Cerritos College, CA
- CHEM 110: Elementary Chemistry, Lab
2007 to 2008 Lecturer at Coastline Community College, CA
- CHEM 180: General Chemistry A
- CHEM 185L: General Chemistry B, Lab
2006 Lecturer at UCLA, CA
- EHS 100: Environmental Health Sciences

HONORS AND AWARDS

2010 Recipient, Outstanding Faculty Recognition for Teaching at the University:
Teacher Scholar Award for Exceptional Teaching Effectiveness

SCHOLARLY ACTIVITY

Funded Grants and Fellowships

External

2000 to 2004 UC Toxic Substances Research and Teaching Program (UC TSR&TP)
student fellowship, \$100,000

Internal

2012 to 2013 Faculty Enhancement and Instructional Development (FEID) grant,
“Refocusing a Track Curriculum to Prepare Students for Entry-Level
Careers in EOHS,” \$4000 (PI); Co-PI John Breskey

2010 to 2011 Jr./Sn. Faculty Research Grant, “A Study of Energy Drink Consumption
Patterns among College Students Who Play Video Games Regularly,”
\$5,000

2009 Probationary Faculty Stipend of \$6,500

2004 Dissertation Year Fellowship of \$17,500 awarded by UCLA, CA

Publications

Books and Book Chapters

Kim, D. H., & McMahan, S. (2012). DDT and Environmental Health. In R. H. Friis (Ed.) *The Praeger Handbook of Environmental Health* (Volume 2, Chapter 17, pp. 427-451). Santa Barbara, CA: Praeger (Peer Reviewed)

Professional Journal Articles (Peer Reviewed)

Meh, C., Gill, J., & **Kim, D. H.** (2013). A comparison of skin cancer knowledge, attitude, and protective behavior in African American students in east and west coasts. *Californian Journal of Health Promotion*, 11 (3), 25-35.

Haines, M. S., & **Kim, D. H.** (2013). A study of the effects of physical activity on asthmatic symptoms and obesity risk in elementary school-aged children. *American Journal of Health Education*, 44 (3), 156-161.

Kim, D. H., Faull, K. F., & Eckhert, C. D. (2011). Utilization of negative ion ESI-MS and tandem mass spectrometry to detect and confirm the NADH-boric acid complex. *Journal of Chemical Education*, 88 (1), 106-110.

Barranco, W. T., **Kim, D. H.**, Stella, S. L. jr., & Eckhert, C. D. (2009). Boric acid inhibits stored Ca(2+) release in DU-145 prostate cancer cells. *Cell Biology and Toxicology*, 25(4), 309-320.

Eckhert, C. D., Barranco, W. T., & **Kim, D. H.** (2007). Boron and prostate cancer a model for understanding boron biology. In Xu, F. *et al.* (Eds.), *Advances in plant and animal boron nutrition : proceedings of the 3rd International Symposium on all Aspects of Plant and Animal Boron Nutrition* (pp. 297-297). New York, NY: Springer.

Kim, D. H., Que Hee, S., Norris, A. J., Faull, K. F., & Eckhert, C. D. (2006). Boric acid inhibits adenosine diphosphate-ribosyl cyclase non-competitively. *Journal of Chromatography A*, 1115(1-2), 246-252.

Professional Journal Articles (Peer Reviewed) - Continued

Kim, D. H., Faull, K. F., Norris, A. J., & Eckhert, C. D. (2004). Borate-nucleotide complex formation depends on charge and phosphorylation state. *Journal of Mass Spectrometry*, 39(7), 743-751.

Kim, D. H., Marbois, B. N., Faull, K. F., & Eckhert, C. D. (2003). Esterification of borate with NAD^+ and NADH as studied by electrospray ionization mass spectrometry and ^{11}B NMR spectroscopy. *Journal of Mass Spectrometry*, 38(6), 632-640.

Professional presentations: (*Presentation with students)

*Bui, P., & Kim, D. H. (2012). Knowledge, Risk Perception, and Barriers Related To Tuberculosis Screening and Treatment among Foreign Born Vietnamese in Orange County. American Public Health Association's (APHA) 140th Annual Meeting and Exposition, San Francisco, CA. **Abstract accepted.** Poster presentation on Oct. 29, 2012

*Meh, C., Gill, J. & **Kim, D. H.** (2012) Melanin: A Friend or Foe? A comparison of skin cancer knowledge, attitude, and protective behavior in African American students in East and West Coasts. 2012 Science of Eliminating Health Disparities Summit (NIH/NIMHD), National Harbor, Maryland. **Abstract accepted.** Poster presentation on November 1, 2012.

*Haines, M. S., & **Kim, D. H.** (2011). Promoting physical activity for children with moderate persistent asthma can reduce asthmatic symptoms and obesity. Southern California Public Health Association Winter 2011 Conference, Los Angeles, CA. **Abstract accepted.** Poster presentation on Dec 12, 2011

*Haines, M. S., & **Kim, D. H.** (2011). Promoting physical activity for children with moderate persistent asthma can reduce asthmatic symptoms and obesity. International Organization of Social Sciences and Behavioral Research (IOSSBR) Winter 2011 Conference, Las Vegas, NV. **Abstract accepted.** Poster presentation on Nov 17-18, 2011

*Meh, C., Gill, J., & **Kim, D. H.** (2011) Melanin: A friend or foe? A comparison of skin cancer knowledge attitude, and protective behavior in African American students in east and west coast. International Organization of Social Sciences and Behavioral Research (IOSSBR) Winter 2011 Conference, Las Vegas, NV. **Abstract accepted.** Poster presentation on Nov 17-18, 2011

Kim, D. H., Eckhert, C. D., Faull, K. F. (2010). Investigating the Complex Formation between Boron and Riboflavin using Electrospray Ionization Mass Spectrometry and Fluorescence Spectroscopy. Experimental Biology Conference. FASEB J. 24:537.13. **Abstract** published and **poster** presentation.

*Hadorn, J., & **Kim, D. H.** (2010). College Students Misconceptions Between Knowledge and the Appropriate Use of Antibiotic. Southern California Public Health Association (SCPHA) 2010 Annual Conference in Orange, California. **Poster** presentation

*Li, J.-T., Fu, L.-M., & **Kim, D. H.** (2009). Acupuncture for Children's Disorders: A Review of Randomized Control Trials. Extravaganza 2009 - Discover and Experience the Benefits of Complementary and Alternative Health in Santa Barbara, California. **Poster** presentation

Professional presentations - Continued

- Kim, D. H.**, Faull, K. F., & Eckhert, C. D. (2004). Association constants of cyclic ADP-ribose (cADPR) and nicotinic acid adenine dinucleotide phosphate (NAADP) with borate were determined by electrospray ionization mass spectrometry (ESI-MS). Experimental Biology Conference, FASEB J. 18, 351.4, Boron and Chromium Minisymposium, **oral presentation** by Danny Kim, Washington D.C.
- Kim, D. H.**, Faull, K. F., & Eckhert, C. D. (2004). Association constants of cyclic ADP-ribose (cADPR) and nicotinic acid adenine dinucleotide phosphate (NAADP) with borate were determined by electrospray ionization mass spectrometry (ESI-MS), TSR&TP 17th Annual Research Symposium: Abstract number 56, San Diego, CA.
- Kim, D. H.**, Faull, K. F., & Eckhert, C. D. (2003). Boron adduction to nucleotides is determined by charge and phosphorylation state, Experimental Biology conference, FASEB, J. 17, 434.7, Boron and Chromium Minisymposium, **oral presentation** by Danny Kim, San Diego, CA.
- Kim, D. H.**, Faull, K. F., & Eckhert, C. D. (2003). Characterization of borate binding to nucleotides using electrospray ionization mass spectrometry (ESI-MS) and ¹¹B NMR, UC TSR&TP Toxic Mechanisms Workshop on Genomics/Proteomics/Metabolomics and Annual Meeting, **oral presentation** by Danny Kim, Santa Fe, NM.
- Kim, D. H.**, Faull, K. F., & Eckhert, C. D. (2003). Investigation of relative bindings of boron adduction to nicotinamide nucleotides using electrospray ionization mass spectrometry (ESI-MS) coupled with selective ion monitoring (SIM) and multiple reaction monitoring (MRM), TSR&TP 16th Annual Research Symposium, Abstract number 60, Oakland, CA
- Kim, D. H.**, Faull, K. F., & Eckhert, C. D. (2002). Boron addition to NAD⁺/NADH as studied by mass spectrometry and ¹¹B NMR, TSR&TP 15th Annual Research Symposium, Abstract number 100, Long Beach, CA
- Kim, D. H.**, Marboise, B. N., Faull, K. F., & Eckhert, C. D. (2002). Boron addition to NAD⁺/NADH as studied by mass spectrometry and ¹¹B NMR, 11th International Symposium on Trace Elements in Man and Animals, Berkeley, CA.
- Kim, D. H.**, Eckhert, C. D., & Faull, K. F. (2001). Investigation of boron addition to NAD⁺/NADH using mass spectrometry, TSR&TP 14th Annual Research Symposium, Abstract number 85, Lake Tahoe, CA.
- Kim, D. H.**, Faull, K. F., Marbois, B. N., & Eckhert, C. D. (2001). Investigation of boron addition to nucleotides using electrospray ionization-mass spectrometry (ESI-MS), UC TSR&TP Toxic Mechanisms Workshop on Genomics/Proteomics/Metabolomics and Annual Meeting, **oral presentation** by Danny Kim, Santa Fe, NM
- Kim, D. H.**, Marbois, B. N., Faull, K. F., & Eckhert, C. D. (2001). Detection of NAD⁺/NADH boration by mass spectrometry, Experimental Biology Conference, FASEB, 15(5), 745.3, Orlando, FL.
- Kim, D. H.**, Marbois, B. N., Faull, K. F., & Eckhert, C. D. (2001). Investigation of boron addition to nucleotides using electrospray ionization-mass spectrometry (ESI-MS), 40th Annual Meeting of Society of Toxicology, Journal of the Society of Toxicology Supplement, 60(1), 1715, San Francisco, CA

PROFESSIONAL LEADERSHIP

Professional Associations

2001 to present	Delta Omega, Iota chapter-honorary society in public health
2009 to 2014	American Chemical Society (ACS)
2011 to 2012	American Public Health Association
2011	International Organization of Social Sciences and Behavioral Research
2009 to 2010	Southern California Public Health Association

Publication Reviewer/Editor

2009 to present	Manuscript Section Editor for the Californian Journal of Health Promotion
2009 to 2011	Manuscript Reviewer for the California Journal of Environmental Health

Professional Committees/Boards

2009 to present	Advisory Board Member Health Promotion Research Institute (HPRI)
2010 to present	Faculty Member of Center for Cancer Disparities Research, CSUF
2008 to 2009	University (CSUF) Representative to California Conference of Directors of Environmental Health (CCDEH), Region IV

Other Professional Activities

2011	Presenter at UEE International Presentation – for Jingzhou Municipal Health Department, China
2010-2011	Organizer of H1N1 Vaccine Clinic at CSUF
2009	Media interview - “Swine Flu – What Is the Danger?” by Valerie Orleans for INSIDE, CSUF

SERVICE TO UNIVERSITY

University Committees

2012 to present	Member of the University Alcohol & Drugs Committee
2008 to present	Council Member of Environmental Studies Program
2013 to 2014	Search committee member for the University librarian
2012 to 2013	Chair of the University Library Committee
2011 to 2012	Member of the University Library Committee
2011 to 2012	Advisory Board Member for the University Extended Education - Healthcare Information Technology
2009 to 2010	Member of the University General Education Committee
2009	Member of the ad hoc University Pandemic H1N1 Group Committee

College Committees

2012 to present	Member of the HHD College Information Technology Committee
2011	Intramural Awards Reviewer for HHD
2008 to 2011	Member of the HHD College Information Technology Committee

Department Committees

2013 to present	Chair of the MPH Admission Committee
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Department Committees - Continued

2011 to present	Member of the MPH Program Committee
2011 to present	Member of the MPH Admissions Committee
2011 to present	Member of the MPH Comprehensive Exam Committee
2011 to present	Member of the MPH Colloquia/Workshop Committee
2008 to present	Track Coordinator of the Environmental and Occupational Health and Safety (EOHS) Track in the Dept. of Health Science
2008 to present	Lead MPH Faculty Advisor for Environmental and Occupational Health and Safety track
2014 to 2015	Department Personnel Committee Member
2012 to 2014	Member of the Space and Equipment Committee
2012	Member of the Full Time Lecturer Search Committee
2011 to 2012	Member of the MPH Awards and Scholarship Committee
2011	Member of the Undergraduate Assessment Committee
2010	Chair of the Faculty Search Committee
2009	Member of the Faculty Search Committee

SERVICE TO THE COMMUNITY

Community Presentations

2014	“Facts & Myths about OC’s Drinking Water,” Orange County Nutrition & Physical Activity Collaborative (NuPAC), May 15 th , 2014
2010	“Rethink your Drink,” Orange County Nutrition & Physical Activity Collaborative (NuPAC), December 3 rd , 2010.

MASTER’S THESIS/PROJECTS SUPERVISED (2008 to present)

- Juan Lopez, “Survey of Laboratory Response Network Sentinel Sites in Los Angeles County,” completed (Spring 2014)
- John Ruggiero, “Smart Meter Technology Adoption: End-User Shifts in Electricity-Use Behavior,” completed (Fall 2013)
- Jay Hakimi, “A study of the effects of house cleaning on indoor airborne *Aspergillus/Penicillium*-like mold spores,” completed (Spring 2013)
- Jee Young Choe, “Degrees of practicing regular sun protection behaviors in college athletes and its modifiable barrier,” completed (Summer 2012)
- Carlos Janer, “Assessing the waste tire disposal issue in Colombia and determining if burning waste tires as an alternative fuel will be an environmentally and economically viable option,” completed (Spring 2012)
- Pauline Bui, “knowledge, risk perception, and barriers related to tuberculosis screening and treatment among foreign born Vietnamese in Orange County,” completed (Fall 2011)
- Patrick McGuire, “Concerns of rising carbon emissions and the perceptions of ocean acidification,” completed (Fall 2011)
- Michael Haines, “Promotion of physical activity for children with moderate persistent asthma,” completed (Spring 2011)
- Jennifer Lange, “Fish don’t need antidepressants: testing and spreading knowledge about proper disposal methods of pharmaceuticals,” completed (Spring 2011)

MASTER'S THESIS/PROJECTS SUPERVISED - Continued

Kathleen Linson, "Increasing awareness and availability of information on outdoor air pollution and health risks among Hispanic parents with elementary school children through educational outreach," completed (Spring 2011)

Catherine Meh, "Melanin a friend or foe? A comparison knowledge, attitude and protective behavior towards skin cancer in African American college students in the east and west coasts," completed (Spring 2011)

Meggie Nguyen, "A study of energy drink consumption patterns among college students who play video games regularly," completed (Spring 2011)

Gladys Ramsey, "Anabolic-androgenic steroid use among adolescent athletes," completed (Spring 2011)

Ann Timmons, "Educational video via web delivery; regarding water reuse in Orange county, CA", completed (Spring 2011)

Patrick Yoshinaga, "Heritability of Optic Neuritis," completed (Spring 2011)

Rene Burmudez, "Network design and probe siting criteria assessment: South Coast AQMD air monitoring network," completed (Spring 2010)

Jacqueline Hadorn, "College Students Misconceptions Between Knowledge and the Appropriate Use of Antibiotic Use," completed (Spring 2010)

Jess Sandoval, "phytoscreening and phytoremediation with eucalyptus trees," completed (Spring 2010)

Terry Chiang, "Analysis of Conventional Technologies for Food Waste Management in California" completed (Fall 2009)

Mary Ellen Montoya, "West Nile virus in Orange County," completed (Summer 2009)

Mai N. Tran, "Comparison of organic versus conventional fruits nutritional values and health hazards," completed (Summer 2009)

Sakineh Khalaghizadeh, "Iron deficiency detected by estimation of body iron in a primary care population: prevalence and etiology," completed (Spring 2009)

Gretchen Akemi Ratliff, "Diesel health effects and diesel vehicle idling in environmental justice communities," completed (Spring 2009)

Shaza Almowlad (in progress)

Matthew DesRosier (in progress)