

**BRAD KOVAR**, CIEC, CEICC, REA, REPA, MRS, AMRT, WRT President and CEO of Safeguard EnviroGroup, Inc.

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Mr. Kovar has participated in the investigation and forensic analysis of thousands of microbial and smoke damage claims in residential, commercial and industrial settings. He holds board – awarded environmental designations, dual - accredited by the Council of Engineering and Scientific Specialty Boards (CESB) and the National Commission for Certifying Agencies (NCCA). He has extensive experience as a hygienist, instructor and consultant in the indoor environmental industry and has served on national and international indoor environmental scientific boards and committees including the IAQA, RIA, ACAC and IESO. He regularly consults with state and municipal agencies, insurance carriers on major loss claims and attorneys providing expert testimony and pre-trial forensic case development in the fields of microbial and smoke damage investigations and remediation. He was one of the principle drafters of the ASHRAE/IAQA/RIA Fire and Smoke Damage Standard, an American National Standard (ANSI).

## **Professional Certifications/Accreditations**

Council-certified Indoor Environmental Consultant (CIEC #1010002)

Council-certified Environmental Infection Control Consultant (CEICC #1110003)

Registered Environmental Assessor (REA #30336)

Hazardous Waste Operator & Emergency Responder (HAZWOPER) 40 Hour Program

Registered Environmental Property Assessor (REPA #533373)

Mold Removal Specialist (MRS #121080)

Applied Microbial Remediation Technician (AMRT #121080)

Water Restoration Technician (WRT #121080)

## **Appointments/Board Positions/Committees**

American Council for Accredited Certification (ACAC), CIEC Certification Board (2011 – 2013).

ASHRAE/IAQA/RIA Fire Damage Standard 6000, committee member and principle drafter.

Indoor Air Quality Association (IAQA), Education Committee, Member.

Indoor Air Quality Association (IAQA), Think Tank Committee, Chairman (2014-2015).

Indoor Air Quality Association/ASHRAE, International and Association Relations Committee, Member.

Indoor Environmental Standards Organization (IESO), Standards Development Committee & Consensus Body (2013).

American Council for Accredited Certification (ACAC), Fire and Smoke Damage Investigator Credential Steering Committee, Chairman.

Journal for the Association of Interdisciplinary Doctors of Health Sciences (AIDHS), Indoor air quality peer-review editor

IICRC Journal for Cleaning, Restoration and Inspection, Technical peer-review editor for submitted manuscripts.

Approved IICRC continuing education instructor for Fungi, Bacteria/CAT 3 and Smoke Damage instruction.

ServPro and ServiceMaster training instructor.

City of Glendora Planning Commissioner, Glendora, California (1999 – 2001).

## **Selected Publications**

P. Chakravarty and B. Kovar, 2013, Evaluation of five antifungal agents used in remediation practices against six common indoor fungal species. Published in the Journal of Occupational and Environmental Hygiene 10: D11-D16. A joint peer reviewed publication of the American Industrial Hygiene Association & the American Conference of Governmental Industrial Hygienists. Re-printed with permission in the June 2014 Journal of Cleaning, Restoration & Inspection. A peer reviewed publication of the Institute of Inspection, Cleaning and Restoration Certification (IICRC).

Brad Kovar, November 2014, Preventing Indoor Air Quality Hazards during the Holidays, The Interdisciplinarian, Newsmagazine of the Association of Interdisciplinary Doctors of Health Science, Volume 1 - Issue 1, November 2014

Martin L. King and Brad Kovar, 2013, Distribution of Combustion Particles in Buildings. Journal of Cleaning, Restoration & Inspection. A peer reviewed publication of the Institute of Inspection, Cleaning and Restoration Certification (IICRC). December 2014. Re-printed with permission in the summer 2015 edition of the Journal of Wood Design Focus. A quarterly publication of the Institute of Forest Products Society (FPS).

Shufutinsky, A., Kovar, B., Fordyce, L., Shufutinsky, B., Pernsteiner, E., & Johnson, D. (2014). Toward Effective Public Health Emergency Risk Communication: Modification of the Social Cubism Conflict Analysis Model for Assessing Risk Communications to Vulnerable Populations. International Journal of Interdisciplinary and Multidisciplinary Studies, 2(2), 177-189. December 2014.

Martin L. King and Brad Kovar, 2013, Evaluating Smoke Odor Damage. Journal of Cleaning, Restoration & Inspection. A peer reviewed publication of the Institute of Inspection, Cleaning and Restoration Certification (IICRC). February 2015.

Brad Kovar, Martin L. King and Dr. Priyotosh Chakravarty, 2013, Suggested Guidelines for Wildfire Smoke Damage Investigations and Remediation. Journal of Cleaning, Restoration & Inspection. A peer reviewed publication of the Institute of Inspection, Cleaning and Restoration Certification (IICRC). June 2015. http://digitaledition.qwinc.com/publication/?i=260161