

Curriculum Vitæ

Matt Stinchfield

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d.b.a. The Brewery Safety Guy

Office in Home: 108 Bassett Hill Road, Guilford, VT 05301

Safety Specialist, Whalen Insurance

Office: 71 King Street, Northampton, MA 0106

Brewers Association Safety Subcommittee Member

Headquarters: 1327 Spruce Street, Boulder, CO 80302



SUMMARY

Forty years of experience in environmental health and safety programming and training, manufacturing process safety, hazardous substances management, remediation planning and implementation, and regulatory affairs. Experienced course developer and educator in safety and health awareness, safe work practices, engineering controls, and personal protective strategies. Specialist in beverage manufacturing safety and health.

CURRENT PROJECTS

Author, *Brewery Safety: Principles, Practices and People*, Brewers Publications, Boulder, Colorado

Sole author of the only definitive text on brewery safety geared towards breweries of all sizes. Approximately 370 pp. Release date: August 22, 2023. ISBN-13: 978-1-938469-74-9. Table of Contents attached to this application as an additional exhibit. Other titles currently under development include *101 Toolbox Talks for Manufacturing* and *101 Safety Chats for Service Industry Personnel*.

The Brewery Safety Guy, Guilford, Vermont, 2004-present, Principal

Consultant to craft beverage manufacturers in the domains of occupational safety; systems design and consultation to engineers and architects; and product research and development. Service includes specifying safety systems during design, buildout, remodel, and at fully operational facilities. Develop workplace safety training programs and written safety plans and programs including all applicable Subparts of 29 CFR Part 1910, NFPA titles 70E and 704, I2P2s, and advise on workplace safety culture development and improvement.

Whalen Insurance, Northampton, Massachusetts, 1999-present, Safety Specialist

Working as a consultant to an insurer of craft breweries and distilleries, developed training resources for underwriters, sales representatives and insurance customers. Written numerous white papers and presentation decks. Influenced development of business insurance packages by working with both agents and insurance companies.

Brewers Association, Boulder, Colorado, 2013-present, member Safety Subcommittee

Founding chair of the Safety Subcommittee (2013-17), and active member (2017-present). As a volunteer to the Brewers Association, have developed, or contributed to, numerous educational materials, including Best Management Practices in brewery protective clothing, confined spaces, heat stress avoidance, forklift safety, ladder safety, compressed gas safety, hazard assessment, and preparing for OSHA inspections. Have given over 35 safety-related presentations at the annual Craft Brewers Conference (2002-present), MBAA meetings (2015-present), and by webcast to national or state guild beer, spirits, or insurance audiences.

RECENT WORK

Brewers Association, Boulder, Colorado, 2015-2022, Safety Ambassador

Contractor to the BA, develop safety messaging, facilitate OSHA alliances, meet/greet/educate state brewer's guilds and member brewers on brewery safety subjects throughout the US. Addressed state guilds in over 35 states, in person. Lead instructor and content expert for *Hazard Reduction Practices for Cleaning Draught Beer Lines* under two US Dept of Labor Susan S. Harwood Safety Training grants. Lead facilitator in beer industry OSHA alliances in the New York state/OSHA Reg II, Massachusetts, Ohio, Colorado and Colorado/OSHA Region VIII, including the development and presentation of a 3-hour brewery process training for OSHA inspectors in Colorado and Massachusetts.

PRIOR EXPERIENCE

Ploughshare Brewing Company, Lincoln, Nebraska, 2014-17, Owner; Specified, installed, operated 15-bbl Criveller 4-vessel brewery, WBC® winner 2016

Zenitech Environmental, LLC, Tucson, Arizona and Boulder City, Nevada, 2003-2008, Principal

Advanced Strategies, Tucson, Arizona, 1996-2003, Principal

Catalina Products, dba Mr. Beer, Tucson, Arizona, 1999-2002, Product Technical Specialist

Zenitech Corporation, Tucson, Arizona, 1989-1995, VP, Board of Directors, Technical Marketing Director

Pima County Solid Waste, Tucson, Arizona, 1990-91, Household Hazardous Waste Facility Interim Coordinator

Southwest Hazard Control, Tucson, Arizona, 1986-89, HazMat Division Manager

Vega Biotechnologies, Tucson, Arizona, 1985, Safety Director/Waste Management Administrator

Greenfield Wastewater Pollution Control Facility, Greenfield, Massachusetts, 1982-84, Chemist, QA Officer

Arnold Greene Testing Laboratories, Natick, Massachusetts, 1981, Bench Chemist

EDUCATION

University of Arizona, Tucson, Arizona, 1985-90, 95-96, Chemistry towards BS, Mathematics/Physics minor

Worcester Polytechnic Institute, Worcester, Massachusetts, 1979-82, Chemistry towards BS

Northfield Mount Hermon School, Northfield, Massachusetts, 1975-79, High School Diploma, Dean's list

SERVICE

Beverage Manufacturing Safety

- Safety Subcommittee Founding Chair, Brewers Association, 2013-17
- Safety Subcommittee Member, Brewers Association, 2017-present
- Safety Committee Member, American Craft Spirits Association, 2020-present
- Safety Committee Member, Master Brewers Association of the Americas, 2015-16

Local Community

- Trustee, Windham Regional Woodlands Association, Vernon, VT, 2023
- Tree Grafting Instructor, Neighborhood Roots, Guilford, VT, 2021

- Chef, Community Thanksgiving, Brattleboro, VT, 2019, 2021

CERTIFICATIONS AND AWARDS

General Safety and First Aid

- Red Cross Adult First Aid/CPR/AED, 2022
- OSHA 10-hr, OSHA 7500, OSHA 7100, 2022

Hazardous Substances

- Certified Environmental Manager #1533, 1991-2008, Nevada DEP, Carson City, NV
- OSHA 40-hr HAZWOPER (29 CFR § 1910.120), 1987, most recent refresher: 2006
- HAZWOPER 8-hr Supervisory (29 CFR § 1910.120), Scott, Allard & Bohannon, Phoenix, AZ, 1988
- Radiation Safety Short Course, Radiation Safety Engineering, Chandler, AZ, 1991

Forestry

- Game of Logging (syndicated chainsaw safety program), all levels I-IV, with distinction, 2020
- US Forest Service Certified Sawyer B, Felling and Bucking, 2021-24

Miscellaneous

- Who's Who Environmental Registry, 1992
- Chemistry Student of the Year, University of Arizona, 1986
- Golden Key National Honor Society, 1986
- Boy Scouts of America, Eagle Scout, 1979

TRAINING PROGRAM DEVELOPMENT AND INSTRUCTION

Curriculum Development and Instruction

Develop and instruct numerous courses in OSHA, EPA and DOT realms, as well as unique courses designed for specific facilities, equipment, or hazards. Instructional style includes learning management systems (apps include: Litmos, iSpring, and collegiate systems), webinars (apps include: Webex, CrowdCast, Slido, AnyMeeting, MS Teams, Zoom, and others), live class room, hands-on field and lab practical training, and scientific exam design.

(Key: *=content expert and instructor, †=course designer, ‡=expert and designer, no notation=simply instructor.)

Brewers Association, Boulder, CO, 2018-22

- Hazard Reduction Practices for Cleaning Draught Beer Lines, Susan Harwood Training Grant, 18-hr technician course and 8-hr adjacent workers course*
- Brewery Safety Bootcamp Brewers Association, 4-hr‡
- OSHA Compliance Officer Brewery Systems Training "Follow the Beer: An Overview of Brewing Processes, Common Hazards, Special Considerations," 3-hr, OSHA Regional Offices and State Labor Depts., Regions I, II & VIII‡

Applicant's Own Businesses, 1983-present

- Bulk Flammable Liquid Handling for Breweries and Distilleries, 4-hr, 2022‡
- Chainsaw Safety (primarily for females), 4- and 8-hr, 2008-22‡
- Brewery Safety, A multimedia safety program for brewery insurance inspectors and brewery staff; comprising two manuals, two 23 minute videos, and a web based training (WBT) site, 2002‡
- Nevada Certified Environmental Manager Exam Review, 16-, 24-hr versions, taught from 1993-2008‡ (a significant review dedicated to psychometrics: effective, scientifically-designed question stems, answers, and distractors)
- SCBA Operation and Maintenance, 4 and 8-hr versions, 1992-97‡
- HazMat Decontamination, 8-hr, 1992-97‡
- Household Hazardous Waste Volunteer Orientation, 4-hr, 1990-94‡

- Confined Space Safety, 16-hr, 1989-97[†]
- HAZWOPER, 40-hr, 24-hr, and 8-hr refresher, 1986-2008[†]
- HAZCOM, 2-, 4-, and 8-hr versions; Laboratory Chemical Hygiene adaptation, 2-hr, 1983-2005[†]

Arizona State Environmental Technology Training (ASETT), Instructor, Tucson, AZ, 1993-2002

- HAZWOPER, 40-hr, 24-hr, 8-hr refresher, and 8-hr supervisory
- HAZCOM, 8, 16-hr versions
- Chlorine Gas Emergency Response and Leaking Cylinder Repair, 24-hr (taught to members of the White Mountain Apache tribe), ca. 1996[†]
- Confined Space Safety, 8- and 16-hr versions[†]
- RCRA HazWaste training, 8-hr[†]
- OSHA Construction, 10-hr
- Infectious Waste Management, 16-hr[†]
- Bloodborne Pathogens, 4-hr[†]

Pima Community College (PCC), Adjunct Faculty, Tucson, AZ, 1993-2000

- Semiconductor Manufacturing Chemistry and Safety (TEC 182), 3 credit hrs
- Water and Wastewater Laboratory (ENV 106), 3 credit hrs
- Fundamentals of Industrial Hygiene (ENV 250), 3 credit hrs
- Hazardous Waste Operations and Emergency Response (ENV 251), 3 credit hrs
- HAZCOM, 4-hr program
- Co-developer of the PCC Environmental Safety & Health Department's "Safety Manual"

Environmental Training Center (ETC), Instructor, Tucson, AZ, 1992-99

- HAZWOPER, 40-hr, 24-hr, 8-hr refresher
- HAZCOM, 8-hr program in English and Spanish (with a co-presenter) for US manufacturing firm in Nogales, Sonora, Mexico

SELECTED BOOKS, CHAPTERS, AND VIDEOS

Bound Volumes and Chapters

1. Stinchfield, M., ***Brewery Safety: Principles, Processes and Culture***, Brewers Publications, Boulder, Colorado, publishing 2023.
2. Stinchfield, M., "Sampling and Analysis for Mixed Chemical and Radiological Parameters," ***Principles of Environmental Sampling***, 2nd edition, L. Keith, ed., American Chemical Society, Washington, DC, 1996. (*bound volume*)
3. Lesser, R., K. Boomer, M. Stinchfield, and G. Thomas, "Statistical Defensibility of Field Screening Data — A Programmatic Approach," poster presented at 1993 International Field Screening Symposium, Las Vegas, Nevada, Feb. 1993; reprinted with permission in ***American Environmental Laboratory***, May 1994.
4. Stinchfield, M., "Observations and Opinions Surrounding the Paradigm Effect in the Greater Health and Environmental Industry." ***Emerging Trends in Environmental Safety and Health Management***, M. Stinchfield, ed., proceedings from Creating Solutions for Tomorrow's Challenges, Albuquerque, New Mexico, March 8-10, 1994. (*bound volume*)
5. ***NFPA 49 Hazardous Chemicals Data***, 15th ed., Stinchfield, C.P., M.R.A. Stinchfield, R.L. Sweeney, et al, National Fire Protection Association, Batterymarch Park, Quincy, MA, 1990. (*bound volume*) (This team authored approximately 400 chemical abstracts as subconsultant to NFPA.)

6. Stinchfield, M.R.A., R.L. Sweeney and J.C. Jensen, "TECP Suit Testing and Comparison." ***Chemical Protective Clothing Performance in Chemical Emergency Response***, ASTM STP 1037, J.L. Perkins and J.O. Stull, eds., American Society for Testing and Materials, Philadelphia, PA, 1989.

Video Productions

1. ***Hazard Reduction Practices for Cleaning Draught Beer Lines (Awareness Level)***, Susan Harwood Training Grant, 8 titles ranging 3-8 minutes in length, 2022, sample: unavailable July 2023 due to LMS revisions
2. ***Hazard Reduction Practices for Cleaning Draught Beer Lines (Operations Level)***, Susan Harwood Training Grant, 25 titles ranging 3-8 minutes in length, 2021, sample: unavailable July 2023 due to LMS revisions
3. ***Brewery Safety Matters***, 3-minute safety awareness video for small breweries covering hazard assessment, by Brewers Association, Boulder Colorado, 2018, <https://www.brewersassociation.org/association-news/meet-safety-ambassador-matt-stinchfield-in-brewery-safety-matters/>.
4. ***Brewery Extra Value Training and Performance***, 23-minute safety and environmental awareness video for small breweries, M. Stinchfield writer and director, by Advanced Strategies for Whalen Insurance Co., Northampton, Massachusetts, 2002.
5. ***Safety, Environmental, and Alcohol Liability***, 22-minute safety awareness presentation to train brewery insurance inspectors and underwriters, M. Stinchfield writer and director, by Advanced Strategies for Whalen Insurance Co., Northampton, Massachusetts, 2002.
6. ***Discovering Safety***, 28-minute safety video for entry level science lab courses, M. Stinchfield writer and director, by Advanced Strategies for Pima Community College, Tucson, Arizona, 1999.

Technical Lectures and Presentations

Over 120 professional presentations given at conferences and symposia, 1983-present.

Trade and Consumer Periodical Pieces

Over 150 articles in trade and consumer publications relevant to EHS, brewing industry, and food and beverage, 1987-present. Including: *American Brewer*, *New Brewer*, *Brewers' Guardian* (London), *Zymurgy*, *All About Beer*, *Nation's Restaurant News*, *Hotel F&B Executive*, *Restaurant Hospitality Magazine*, *Home Wine and Beer Trade Association Newsletter*. Gold Medal Winner "Editorial" category, *North American Guild of Beer Writers*, 2002.

PROFESSIONAL REFERENCES

J. Jackson-Beckham, PhD (she/her), Equity & Inclusion Partner, Brewers Association
cell: 804-220-1842, drj@craftedforall.com, [web profile](#)

Larry Horwitz (he/him), Director of Brewing Operations, Crooked Hammock Brewery
cell: 267-357-3280, larryhorwitzbrewer@gmail.com, [web profile](#)

Rachel Bell (she/her), Health and Safety Manager, Canarchy Craft Beer Collective
cell: 404-310-7862, rachelbell916@gmail.com