

Christopher Hobbs, Ph.D. Curriculum Vitae

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Present Positions: Research scientist, Herbalist, clinician (Licensed acupuncturist, herbalist, California), consultant to the natural products industry, author, public speaker, Director of Integrative Science, Mushroom Harvest.

Degrees Earned:

June, 2014 Ph.D. in integrative Biology, University of California, Berkeley—
evolutionary biology, phylogenetics, medicinal plant chemistry

*Letter of recommendation from major professor available upon request

September, 2006 B.A. Biological Sciences. California State University, Sacramento

Licenses

L.Ac. (Licensed acupuncturist, California AC 5048)

Employment History:

- 1984-2018 Director, Institute for Natural Products Research
—Consultant to the natural products industry, primarily Rainbow Light
—Research and evaluation of the existing primary literature concerning dietary supplement ingredients (i.e. efficacy, clinical applications, safety, formulation, quality issues, identification of raw materials, extraction, pharmacy, etc.)
--Consultant, DNA testing lab and testing protocols for species identification
—Writer of books, popular articles, expert speaker, educator
- 2006-2012 Graduate Student Instructor, UC Berkeley (Biological Sciences): taught medical ethnobotany, plant biology, phylogenetics, evolution, ecology, plant systematics
- 1995-2011 Director, Clinic of Phytotherapy, *licensed acupuncturist* (license no. AC5048)
- 1999-2001 Project manager for Dupont Consumer Health Division: grant received for researching and writing evidence-based database on 100 medicinal plants with extensive information on safety, contraindications, herb-drug interactions.
- 1987-1999 Staff member and teacher, Wholistic Health Program, University of California, Santa Cruz.

Professional Activities:

2014-2018 Expert witness, legal consultant, natural products industry

- 1982-2018 Presenter in numerous professional conferences (e.g. Botany 2008, 2010; International Herb Symposium, Expo East, Expo West (New Hope Communications) throughout the U.S., and internationally.
- 1985-2018 Founded and direct the Institute for Natural Products Research to collect information on medicinal plants and educate lay persons and professionals; built one of the most complete private libraries (over 8,000 volumes) on medicinal plants, including herbals from the 16th Century. Specialty areas, pharmacy journal runs from 19th century to 20th century, history of pharmacy, history of medicine, ethnobotany, botany and floras of the United States; PBS special on the library, 1998.
- 1995-2018 Advisory Board, *Herbal Gram*, Internationally-recognized publication by the American Botanical Council.
- 1989-2018 Co-founded the American Herbalists Guild in 1989, the only national organization for professional herbalists, *member, board of admissions* (1989-2013).
- 2005 Scientific advisory committee for the 3rd International Conference on Medicinal Mushrooms, Port Townsend, WA. Over 400 participants from 40 countries.
- 1989-2002 Elected vice president of United Plant Savers, member, board of directors.
- 1988-1995 Elected vice president of the American Herbal Products Association, and board member, the international trade association for the herbal industry in the U.S.

Honors and Awards:

- 2005 Clinician of the Year. National Nutritional Foods Association.
- 1995 Herbalist of the Year. International Herb Growers and Marketers Association.

Grants:

- 2008-2012 Heckard Fund awards for graduate level research (Jepson Herbarium,) UC Berkeley
- 1999-2001 Dupont Consumer Health Division. \$120,000/year for managing a project to research and compile herb database including complete information on 100 herbs regarding safety, efficacy.

Journal Publications (refereed):

- Hobbs, C.R. 2018. Cordyceps, Adulteration Bulletin. *American Botanical Council* (in review).
- Hobbs, C.R. 2017. Medicinal Fungi — Chemistry, Activity, and Product Assurance. *Herbalgram* 113, Feb-Apr 2017
- Hobbs, C.R. & Takeoka, G. 2017. Island tameness in plants: loss of primary defensive chemicals in oceanic island endemics of the Cosmopolitan plant genus *Artemisia*. (in review).
- Hobbs, C.R. 2017 (in review). Phytochemistry: the utility of plant secondary compounds in phylogenetic analysis (In review).
- Hobbs, C.R. & Balwin, B.G. 2013. Asian origin and upslope migration of Hawaiian *Artemisia* (Compositae–Anthemideae). *Journal of Biogeography* 40(3): 442-454.
- Takeoka, G.R. & Hobbs, C.H. 2010. Volatile Constituents of the Aerial Parts of *Salvia apiana* Jepson. *Journal of essential oil research : JEOR*. 2010 May-June, v. 22, no. 3, p. 241-244.

- Hobbs, C.R. 2005. The Chemistry, Nutritional Value, Immunopharmacology, and Safety of the Traditional Food of Medicinal Split-Gill Fungus *Schizophyllum commune* Fr.:Fr. (Schizophyllaceae). A Literature Review. *International Journal of Medicinal Mushrooms* 7:127-140.
- Hobbs, C.R. 2005. The chemistry, nutritional value, immunopharmacology, and safety of the traditional food of medicinal split-gill fungus *Schizophyllum commune* Fr.: Fr. (Schizophyllaceae). A literature review. *International Journal of Medicinal Mushrooms* 7: 127-139.
- Hobbs, C.R. 2004. Medicinal Value of Turkey Tail Fungus *Trametes versicolor* (L.:Fr.) Pilát (Aphyllphoromycetideae). *International Journal of Medicinal Mushrooms* 6:195-218.

Publications (non-refereed but relevant):

- Hobbs, C.R. and L. Gardner. 2013. *Grow It, Heal It. Growing, making, and using your own herbal remedies*. Rodale Press.
- Hobbs, C.R. and K. Keville. 2008. *Women's Herbs, Women's Health*, 2nd ed., The Book Publishing Company.
- Kraft, K & C.R. Hobbs. 2004. *Pocket Guide to Herbal Medicine*. Stuttgart: Thieme Internat.
- Foster, S. & C.R. Hobbs. 2002. *Peterson Field Guide to the Medicinal Plants of the Western U.S.* New York: Houghton-Mifflin.
- Hobbs, C.R. 2002. *Natural Therapy for your Liver*. New York: Avery Penguin Putnam.
- Hobbs, C.R. & E. Haas. 1999. *Vitamins for Dummies*. New York: Wiley.
- Hobbs C.R. 1998. *Herbal Remedies for Dummies*. New York: Wiley.
- McGuffin, M., C.R. Hobbs, R. Upton & A. Goldberg. 1997. *Botanical Safety Handbook*. Boca Raton: CRC Press.
- Hobbs, C.R. 1995. *Medicinal Mushrooms*. Summertown, TN: Book Publishing Co.