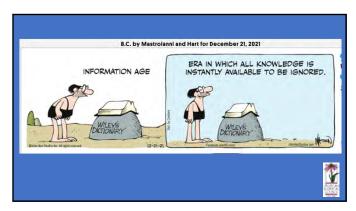


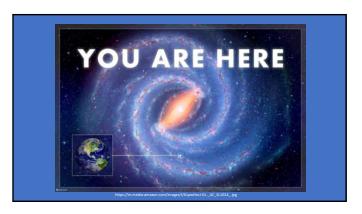
Many of the 'slides' in this PowerPoint presentation are images without text

- Unlike many PowerPoint presentations that are comprised of mainly text-heavy slides, this presentation relies chiefly on visual imagery, photographs, etc.
- The presenter provides an audio track that tends to reflect the visual imagery.













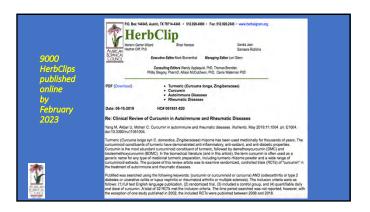






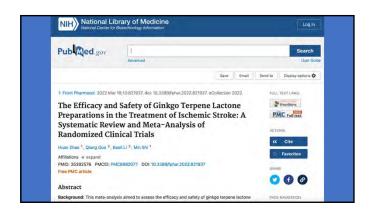














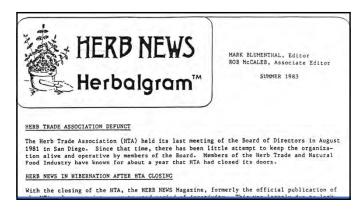




The origins & history of ABC and its programs: HTA, AHPA & HRF



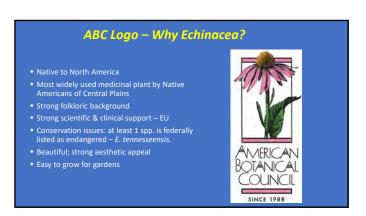
















HerbalGram Generated Many Research & Educational Publications / Programs



ABC Educational Programs & Avenues for Reaching Public - ca 2001

- Classic Botanical Reprints
- Commission E & ABC Clinical Guide to Herbs & other books

- Special publications (eg, NRF 60th B'day conf)
- Web-based information

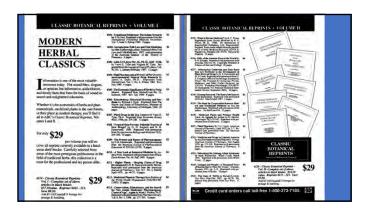
- Public IV series

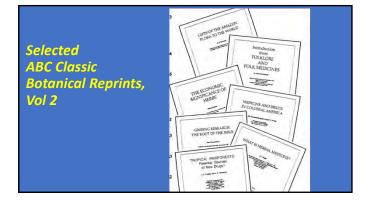
 Professional CE for Pharmacists

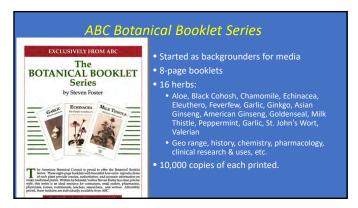
 Pharmacy from the Rainforest
 Ethnobotany Ecotours

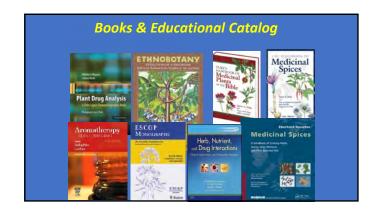
 Safety Labeling for herbal
 supplements (Nature's Resource*)
 Quality Control Issues -- Ginseng
 Evaluation Program

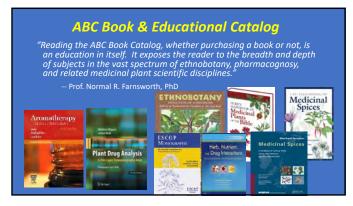
 Harhal Information Course for retain
- Herbal Information Course for retail clerks
- Mark's speeches at professional & consumer conferences, trade shows etc.
- Internship program for PharmDs &

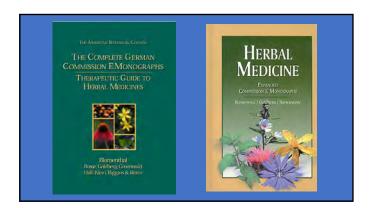


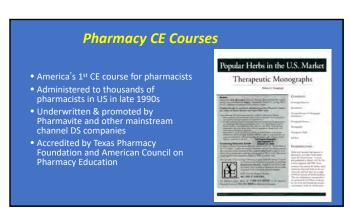


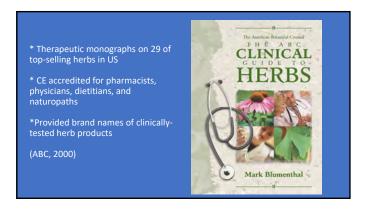


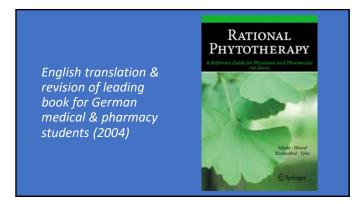


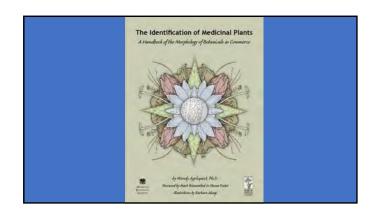


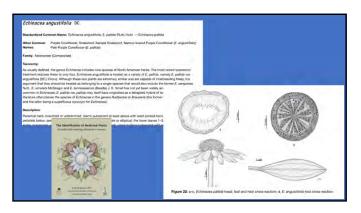
















ABC's Significant Role in Media

ABC receives over 150 inquires & requests for interviews and/or information from media per year.

ABC mentioned in > 68 articles in media in 2009.



ABC's "Pharmacy from the Rainforest" Ethnobotany Ecotours CE-accredited tours for Pharmacists & Physicians

- Peruvian Amazon
- Machu Picchu in Peruvian Andes
- Belize
- Costa Ric
- Kenya
- South Africa
- Germany







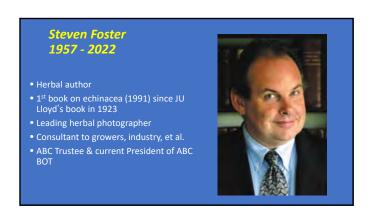






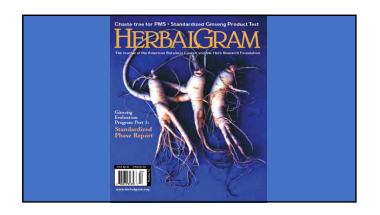


HG by the Covers









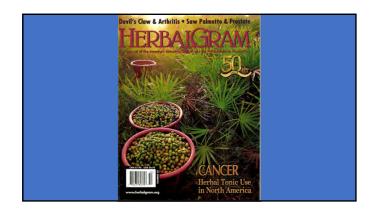


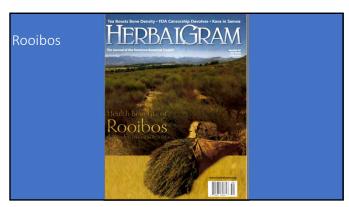












Conservation & Sustainability



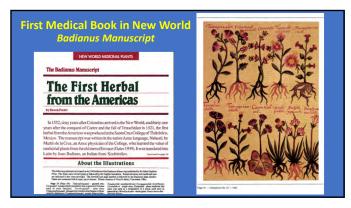


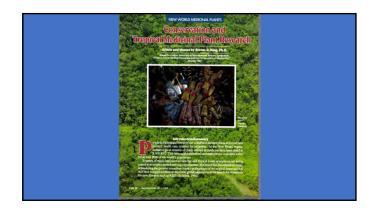


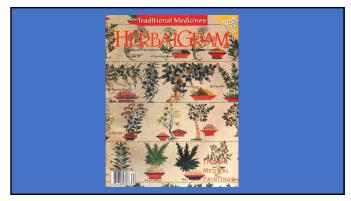


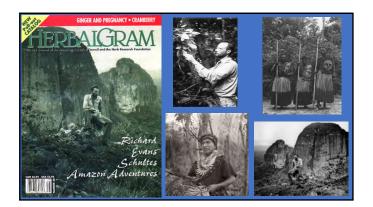
Indigenous Medicine, Ethnobotany, & History





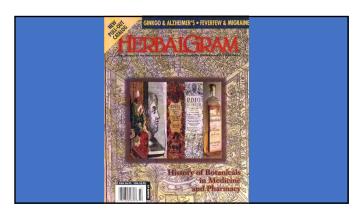


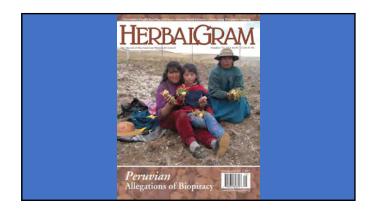






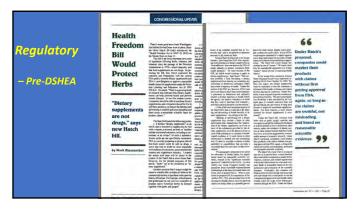






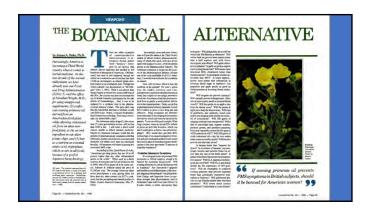










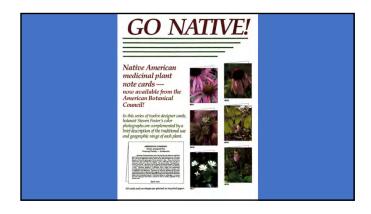


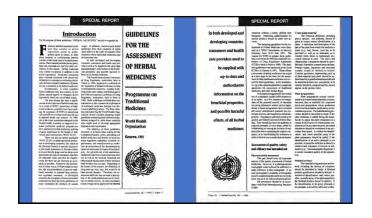










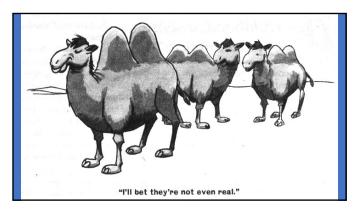


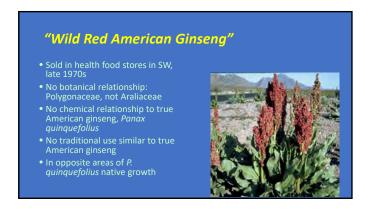




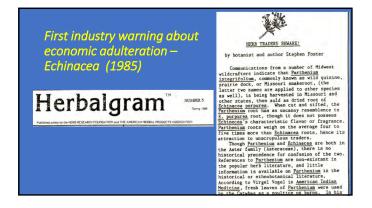


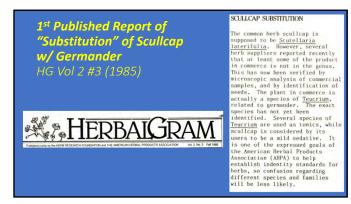


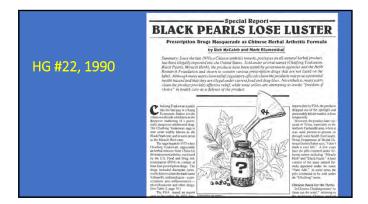


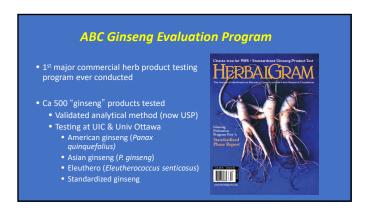












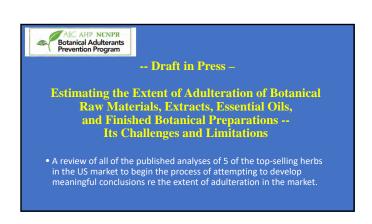






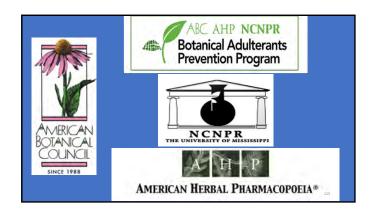


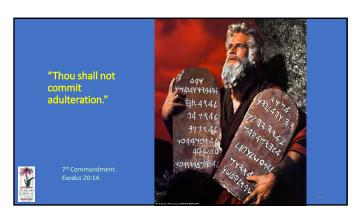


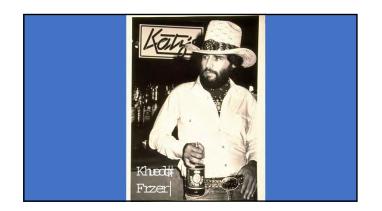


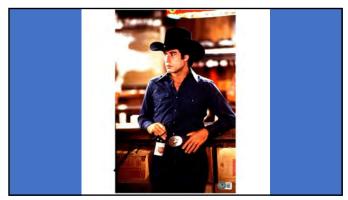










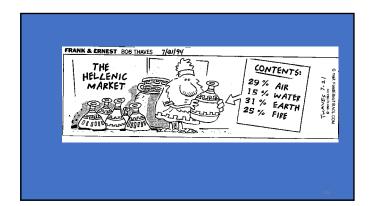


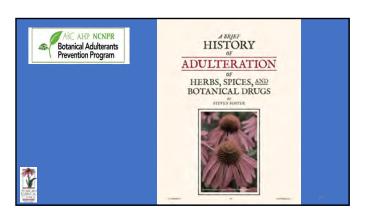


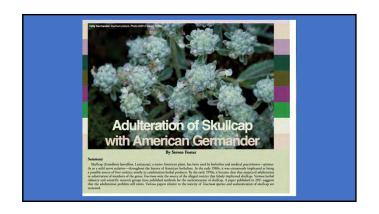














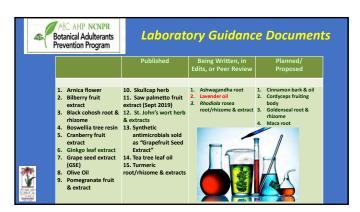


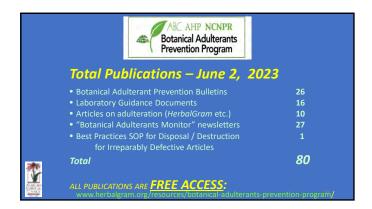


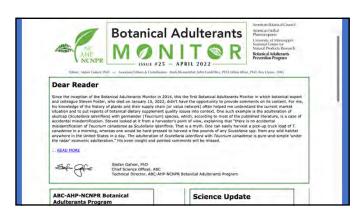


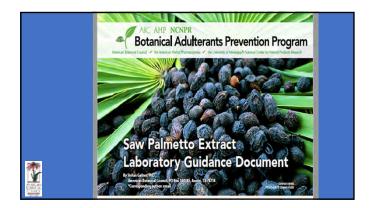




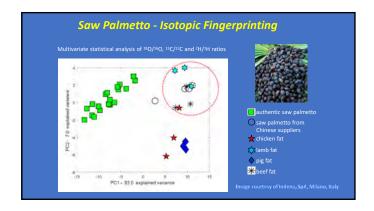


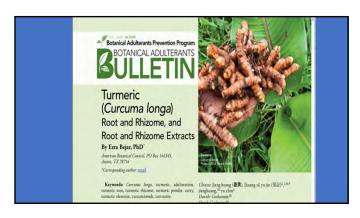








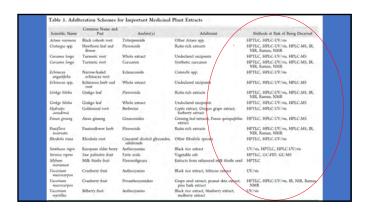












Most of 26 Herbs Subject to Adulteration as Documented by BAPP Do Not Pose Safety Risks

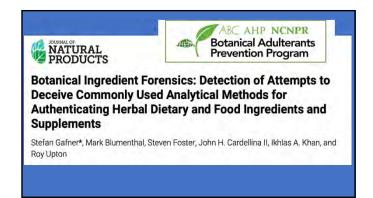
• Of the 26 herbs documented to be subject to adulteration via BAPP peer-reviewed "Botanical Adulterants Prevention Bulletins" – most of them have not been associated with cases of serious adverse effects due to adulteration – most are mainly economic violations / fraud.

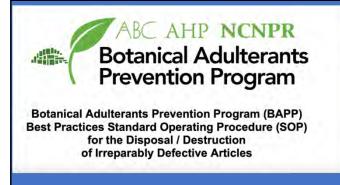
• Only 3 of these herbs have been associated with any potentially serious AEs – e.g., hepatotoxicity:

1. Black cohosh – Adulterated with other spp. of Actaea — but AEs have not been consistently reported.

2. Scullcap (aka skullcap) – Adulterated with hepatotoxic germander. (Teucrium chamaedrys)

3. Turmeric – Adulterated with synthetic curcumins with potential hepatotoxic effects.





BAPP SOP

Contents:

- 1. Contract Language
- 2. SOF
- 3-party confidentiality agreement (seller, buyer, 3rdparty lab)
- 4. Various forms for records
- 5. FAQs

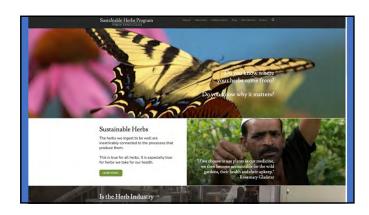
- Consumer protection initiative
- 2 rounds public comment
- Input and support from wide range of community stakeholders from responsible members of herb industry and beyond
- New term, "irreparably defective article" IDA
- Voluntary initiative empowers buyer to remove IDA from supply chain/network.
- Buyer has possession of IDA in
- IDA's should not be returned to seller
- IDA's to be picked up by certified 3rdparty service for transport to sanitary landfill or incinerator.













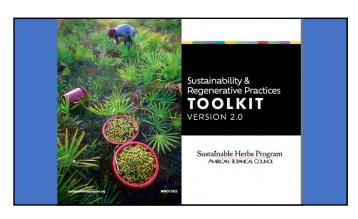




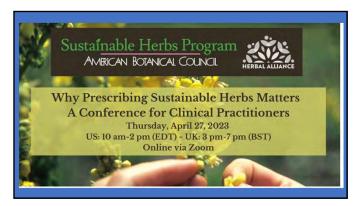








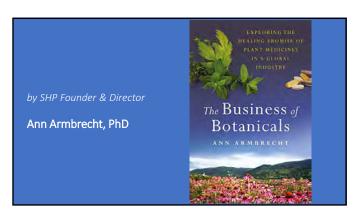


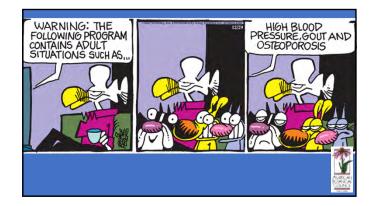


















HerbalGram Memorials

Our Medicinal Plant Research Community



In Memoriam

- Marlene Adelmann
- Gwen Barclay
- Jim Beck
- Ezra Bejar, PhD
- Bob Beyfuss
- Charles "Champ" Champion, RPh
- Ray Cooper, PhD
- Lyle Craker, PhD
- Barbara Griggs

- Peter Gorman
- Paul Lee, PhD
- Rex Maugham
- Rafael Mechoulam, PhD
- Richard Passwater, PhD
- Charles Wambebe, PhD
- Ken Wilcox
- Xie Peshan, PhD
- Ben Zaricor



Marlene Adelmann 1955 - 2022

- Founder of Herbal Academy herb school, ca 2011
- Large online herbal presence





Gwen Barclay 1937-2022

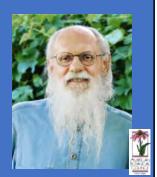
- Expert on culinary herbs and herb gardening.
- Co-author of best-selling Southern Herb Growing in 1987
- She & her mother Madelene Hill were iconic in herb scene in Texas



Jim Beck 1946 - 2021

- Founder of Solar Herbs in 1972
- Solar later became Solaray, one of the largest US herb companies in the 1980, 1990s.
- Early marketing of standardized herbal extracts.
- Solaray later became key founding part of Nutraceutical Inc.

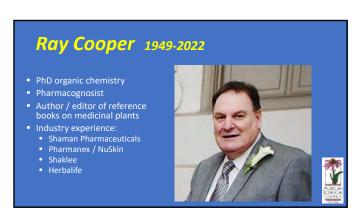


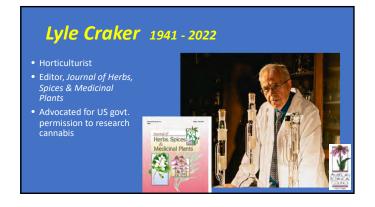


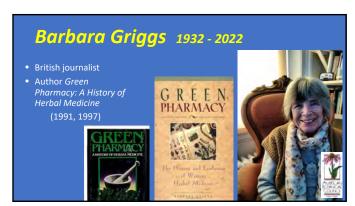












Peter Gorman 1951 - 2022 Popular journalist Many articles in High Times Avowed 'psychonaut' Spent time in Amazon reporting on psychoactive substances Wrote first lay press article on ayahuasca in 1986

