

Herbal Medicine Program

Research & Scholarship Highlights of the faculty, students, and alumni

Published by core faculty members:

- Cech, N. B., Tutor, K., Doty, B. A., Spelman, K., Sasagawa, M., Raner, G. M., et al. (2006). Liver enzyme-mediated oxidation of Echinacea purpurea alkylamides: production of novel metabolites and changes in immunomodulatory activity. *Planta Medica* 72(15), 1372-1377.
- Duke, J. A. (2000). *The Green Pharmacy Herbal Handbook*. Emmaus, PA: Rodale Press.
- Duke, J. A. (2005). Sweet Annie and Malaria. *Natural Pharmacy*, 9(2) April 2005, 1, 19-20.
- Duke, J. A. et al. (2000). *Peterson's Field Guide to Medicinal Plants* (2nd ed.). Boston: Houghton Mifflin.
- Duke, J. A. et al. (2000). *A Field Guide to Medicinal Plants and Herbs of Eastern and Central North America* (2nd ed.). Boston: Houghton Mifflin.
- Duke, J. A., Lowe, H. et al. (2000). *Jamaica's Ethnomedicine: Its Potential in the Healthcare System*. Kingston, Jamaica: Canoe Press, University of the West Indies.
- Duke, J. A. et al. (2001). *The Green Pharmacy Anti-aging Prescriptions - Herbs, Foods, and Natural Formulas to Keep You Young*. Emmaus, PA: Rodale Press.
- Duke, J. A. et al. (2002). *CRC Handbook of Medicinal Plants*. (2nd ed.). Boca Raton, FL: CRC Press.
- Duke, J. A. et al. (2002). *CRC Handbook of Medicinal Spices*. Boca Raton, FL: CRC Press.
- Duke, J. A. et al. (2002). Botanical Medicine in AIDS. In L.J. Standish (Ed.) et al. *AIDS and Complementary & Alternative Medicine – Current Science and Practice* (pp. 83-95). Philadelphia: Churchill Livingstone.
- Duke, J. A. et al. (2005). Biotechnology studies on isoflavone production in edible legumes, *Recent Research Developments in Plant Science*, 3(2005), 81-103.
- Freeman, C. & Spelman, K. (2008). A Critical Evaluation of Drug Interactions with Echinacea spp. *Molecular Nutrition and Food Research*, 52(7), 789-798.
- Fry, K. and Wingo, C. J. (2000). *Menopause naturally: a holistic guide to a smooth transition*. Green Bay WI: IMPAKT Communications, Inc.
- Mills, S. Y. and Bone, K. (2000). *Principles and practice of phytotherapy: modern herbal medicine*. New York, NY: Churchill Livingstone.
- Mills, S. Y. and Bone, K. (2005). *The essential guide to herbal safety*. New York, NY: Elsevier.
- Spelman, K. (2003). (Chapter) Herb Drug Interactions: Pharmacokinetic/Pharmacodynamics. In *Emergency Care of the Geriatric Patient*. Boston: Jones & Bartlett.
- Spelman, K. (2005). Philosophy in phytopharmacology: Ockham's Razor versus synergy. *Journal of Herbal Pharmacotherapy* 5(2), 31-47.
- Spelman, K. (2006). Readers' and author's responses to "information on complementary and alternative medicine in US government databases is biased." *Medscape General Medicine* 8(3), 50.



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- Spelman, K. (2007). Preventative Measures for Metabolic Syndrome. *Unified Health* 3(9), 30-38.
- Spelman, K. (2007). Chronic Fatigue Syndrome: A Look at Physiological Processes and Therapies. *Journal of the American Herbalists Guild* 7(1), 39-48.
- Spelman, K. (2007). Cancer: A Multi-Molecular Pathway Disease. *UnifiedEnergetics* 3(8), 42-47.
- Spelman, K. (2007). Organ Reserve, Preserving Functional Capacity: Aging Gracefully. *UnifiedEnergetics* 3(7), 40-45.
- Spelman, K. (2007). Ecopharmacology: Molecular Details *UnifiedEnergetics* 3(6), 58-62.
- Spelman, K. (2008). Phytochemical Modes of Activity: Hormesis, A Hair of the Dog that Bit You. *Unified Health* 4(11), 26-29.
- Spelman, K. (2008). Echinacea purpurea radix and Taraxacum officinale radix ethanolic extracts ameliorate acute allergic reactions in two patients. *Journal of the American Herbalists Guild* 8(1), 29-37.
- Spelman, K. (2008). Cardiovascular Disease: A Single “Drug” Condition? *Unified Health* 4(10), 20-27.
- Spelman, K. et al. (2006). (Chapter) The Synergy Principle with Plants, Pathogens, Insects, Herbivores and Humans. In L. J. Cseke (ed.). *Natural Products from Plants* (2nd ed). Boca Raton, FL: CRC Press.
- Spelman, K., Burns, J., Nichols, D., Winters, N., Ottersberg, S. & Tenborg, M. (2006). Modulation of cytokine expression by traditional medicines: a review of herbal immunomodulators. *Alternative Medicine Review* 11(2), 128-150.
- Yesko, J & Spelman, K. (2007). Paradise Nearly Lost: Jamaica’s Forgotten Cinchona Gardens. *HerbalGram* 74, 44-53.

Keynote Addresses

- Duggan, R.M. (May 2008). Is There a Need for Regulatory Guidelines for the Practice of Herbal Medicine and OTC Products, and What is the Potential Outcome of Pending Health Freedom Legislation Under Consideration by Various State Legislatures? In *To Regulate or Not to Regulate? The Approach for Herbal Medicines*. Symposium conducted at the Appalachian Center for Ethnobotanical Studies, University of Maryland Biotechnology Institute, Rockville, Maryland.

Presented at conferences

- Duggan, R.M. (August 2007) *General Session*. Paper presented at the Annual Conference of Naturopathic Physicians, Palm Springs, California.
- Duggan, R.M. (September 2007). *Opening Remarks and Welcome*. Speech presented at the Science of Whole Person Healing Conference, Laurel, Maryland.
- Duggan, R.M. (October 2007). *Success: Healing Presence is the Key Factor*. Paper presented at the AAAOM Conference and Expo, Portland, Oregon.
- Duggan, R.M. (2007). Paper presented at International Complementary & Natural Healthcare Expo, New York City, New York.
- Duggan, R.M. (January 2008). *Redefining Health: Workshop for Spirit, Mind, and Body*. Workshop presented at the International Complementary & Natural Healthcare Expo, New York City, New York.
- Duggan, R.M. (February 2008). *Complementary and Alternative Medicine*. Paper presented to members of the United States Congress and their Staff. Washington, District of Columbia.
- Duggan, R.M., Lipman, F, Wolf, J., Clennell, L., Lu, N. (January 2008). *Energy: Movement, Breathing and Healing Panel*. Speaker at panel discussion at the International Complementary & Natural Healthcare Expo, New York City, New York.
- Duke, J. A. (April 2008). *Aromatic Medicinals of Eastern North America*. In *From Biodiversity to Therapeutic Practice*. 10th International Symposium of Aromatherapy and Medicinal Plants, Grasse, France.

Snow, J. (2006). An integration of modern physiology, pharmacology and eclectic specific indications in treatment of the upper airways. In *Many ways of knowing, Proceedings of the 17th annual symposium*. Cheshire CT: American Herbalists Guild.

Snow, J. (October 2007). *Supporting the Client with Hepatitis*. Paper presented at the American Herbalist Guild Annual Conference, Columbia Maryland.

Snow, J. (October 2007). *Supporting the Newly Sober Client*. Paper presented at the American Herbalist Guild Annual Conference, Columbia Maryland.

Snow, J. (February 2008). *Spice it up: Traditional and Modern Applications of Spices*. Paper presented at the American Society of Parenteral and Enteral Nutrition's annual Clinical Nutrition Week Conference, Chicago, Illinois.

Snow, R. (October 2007). *Chronic Lyme Disease and Co-infections*. Paper presented at the 18th Annual American Herbalist Guild Symposium, Columbia, Maryland.

Spelman, K. (February 2007). *Education and Research in the field of CAM*. Paper presented at the International Complementary & Natural Healthcare Expo, New York, New York.

Spelman, K. (May 2007). *Ecological Pharmacology: The case for multicomponent remedies*. Paper presented at the Canadian Society of Pharmaceutical Sciences/ Pharmaceutical & Biomedical Analysis Conference, Montreal, Canada

Spelman, K. (October 2007). *Echinacea purpurea radix and Taraxacum officinale radix ethanolic extracts ameliorate acute allergic reactions in two patients*. Paper presented at the American Herbalists Guild Conference, Columbia, Maryland.

Spelman, K. (May 2008). Member of Industry and Herbal Practitioner Perspective Panel. In *To Regulate or Not to Regulate? The Approach for Herbal Medicines*. Symposium conducted at the Appalachian Center for Ethnobotanical Studies, University of Maryland Biotechnology Institute, Rockville, Maryland.

Special lectures/classes

Duggan, R.M. (April 2007). *Redefining Health*. Workshop presented at Schumacher College, Devon, England.

Duggan, R.M. (August 2007) *Graduation Address*. Speech presented at the Oregon College of Oriental Medicine, Portland, Oregon.

Duggan, R.M. (August 2007). Conferences Johns Hopkins School of Nursing and the Tai Sophia Institute. Johns Hopkins School of Nursing, Baltimore, Maryland and Tai Sophia Institute, Laurel, Maryland.

Duggan, R.M. (March 2008). Conferences Johns Hopkins School of Nursing and the Tai Sophia Institute. Johns Hopkins School of Nursing, Baltimore, Maryland and Tai Sophia Institute, Laurel, Maryland.

Duggan, R.M. (April 2008). *Redefining Health*. Workshop presented at Schumacher College, Devon, England.

Duggan, R.M. (April 2008). *Personal Healing and Wellness Presentation*. Cancer Patient Education Day, Johns Hopkins Medical School, Baltimore, Maryland.

Spelman, K., (2008). *Lecture for Environmental Chemistry course*. Lecture presented at University of North Carolina, Greensboro, North Carolina.

Visiting scholar

Spelman, K., Visiting Scholar, *National Institutes of Health of the United States Research Grant on Echinacea*. Work undertaken at Bastyr University, Kenmore, Washington, Spring 2007.

Published by alumni:

Cushman, M. J. and Hoffman, M. J. (2004). Complementary and Alternative Health Care and the Home Care Population. *Home Health Care Management and Practice*. 16(5), 360-373.

Eisenberg, S. (2006). Viewpoints on a common weed: *Lythrum salicaria*. *Journal of the American Herbalists Guild*, 6 (2), 39-43.

Rhoads, R. (2006). Case history: premenstrual syndrome. *Journal of the American Herbalists Guild* 6 (2), 21-23.