

Haidy N. Kamel, Ph.D.

Assistant Professor, Chemistry

Haidy N Kamel is an Assistant Professor of Chemistry at Cuyahoga Community College-Eastern campus.

Professor Kamel earned her Bachelor degree in Pharmaceutical Sciences from Suez Canal University, Egypt in 1998. She joined the graduate program at the University of Mississippi where she earned her doctorate degree in Pharmacognosy (Chemicals in Natural sources) in 2004. She received the Kilmer prize awarded jointly by the American Society of Pharmacognosy (ASP) and the American Pharmaceutical Association (APhA) for her doctorate research. Dr. Kamel received a fellowship from the NIUST (National institute of Underwater Science and Technology) in 2006 to continue her research in the field of drug discovery from natural sources. She published 12 research articles in peer reviewed journals including the Journal of Natural Products, Chemical and Pharmaceutical Bulletin and Tetrahedron.

Dr. Kamel joined Tri-C in 2011 where she teaches Chemistry courses including introductory courses to Inorganic, Organic and Biochemistry. She also teaches an online class on herbal and dietary supplements.

Speech Topics:

- **What can I do with a chemistry degree?** - Are you interested in earning a Bachelor of Science in Chemistry but wondering what do with it? This talk presents some of the Hottest Health careers for Chemistry majors.
- **Chemistry and Health-** Did you realize that Chemistry plays a key role in solving some of the most serious health problems the world is facing today? This presentation is about how chemists fight diseases and hunger around the world.
- **New drugs from Natural sources- What it takes?** Natural products research and drugs in the market from natural sources.
- **Safe and Effective Herbal supplements-** A presentation on relatively safe herbal products with evidence of their physiological and therapeutic effect.
- **Complementary and Alternative Medicine-** The past decade has witnessed amazing scientific and medical advances that permit many diseases and conditions to be diagnosed earlier and to be treated more effectively, with end result of longer high-quality life for many individuals. For this reason, it is intriguing to know that about 40% of the US population are using complementary and alternative therapies. This presentation focuses on various forms of complementary and alternative practices and therapies and the reason for using them.
- **Herbal Supplements.** Chemistry of herbal supplements with a focus on their efficacy, toxicity and interactions with Western Drugs.