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Education: Ph.D. in Chemistry, 2001 B.S. in Chemistry, 1995
 University of California Sonoma State University
 Santa Cruz, California Rohnert Park, California

Professional Employment:

2001 - Present Division of Science and Mathematics
 University of the Virgin Islands
2001 Instructor of Chemistry
 West Valley Community College
1997-2001 Graduate Research Assistant
 University of California, Santa Cruz
1996-1997 Teaching Assistant
 University of California, Santa Cruz

Courses Taught:

- Organic Chemistry, General Chemistry, Quantitative Analysis, Chemistry for Nursing, Seminar and Natural Science (a required General Education physical science course emphasizing basic physics and chemistry).

Research Experience:

- Isolation and characterization of biologically interesting natural products from marine sponges.
- Extensive use of a variety of MS, 1 and 2-dimensional NMR techniques to elucidate the structures of unknown compounds.

Publications, Patents and Presentations:

1. Presentation: Carroll, J.; Isovitich, R.; Rinehart, F.; Whitten, M. "A Semester Based General Chemistry Laboratory Experience at the University of the Virgin Islands" American Chemical Society Annual Meeting, New Orleans, LA, 2003.
2. Carroll, J.; Jonsson, E. N.; Ebel, R.; Hartman, M. S.; Holman, T. R.; Crews, P. "Probing Sponge-Derived Terpenoids for Human 15-Lipoxygenase Inhibitors," *J. Org. Chem.*, 2001, 66, 6847-6851.
3. Patent: Sponge-derived Terpenoids and Methods of Use.- No.US 6,750,247 B2.
4. Presentation: Carroll, J.; Crews, P.; Jonsson, E. N.; Holman, T. R. "Lipoxygenase Active Terpene from a *Suberea* sp. Marine Sponge" American Society of Pharmacognosy Annual Meeting, Seattle, WA, 2000.
5. Wood, W. F.; Hanke, F. J.; Kubo, I.; Carroll, J.; Crews, P. "Buzonamine, a New Alkaloid from the Defensive Secretion of the Millipede, *Buzonium crassipes*." *Biochemical Systematics and Ecology*, 2000, 28, 305-312.
6. Clark, D. P.; Carroll, J.; Naylor, S.; Crews, P. "An Antifungal Cyclodepsipeptide, Cyclolithistide A, from the Marine Sponge *Thonella swinhoei*," *Journal of Organic Chemistry*, 1998, 63, 8757-8764.
7. Poster: Carroll, J.; Sanders, M.; Crews, P. "Potent Sources of Marine Derived Actin Inhibitors: Latrunculin A and Jasplakinolide" 9th Annual Marine Natural Products Symposium, Townsville Australia, 1998.

University Activities

- Faculty Mentor MARC program and NSF program Univ. of the Virgin Islands 2002-2003.
- Volunteer Teaching Assistant. MBRS Summer Internship Program, Chemistry Workshops, 1997-2001.
- Mentor CAMP Program, 2000, and NSF Summer Undergraduate Research Fellowship Program 1999.
- Scientific Research SCUBA Diver, UCSC Marine Natural Products Collection Expeditions: Papua New Guinea 1998; Fiji, Madagascar and Papua New Guinea 2000.
- Diving Control Board Member. Development of safe diving procedures for UCSC scuba divers. Institute of Marine Sciences, 1998-2001.
- ACCESS Program Seminar Series: Presentations "Drugs from the Sea: USCS, Hartnell and West Valley Community Colleges 1999-2000.

Professional Memberships and Awards:

- American Society of Pharmacognosy 1998-present.
- American Chemical Society 1995-present.
- GAANN Fellowship 2000-2001.
- NOAA-Sea Grant-Galileo Laboratories Industrial Fellowship 1999-2001.
- NSF Summer Undergraduate Research Fellowship 1995.