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THE OCTAGON

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LVACS Meeting

The next meeting of the LVACS will be held at Cedar Crest College on Thursday, May 2, 2002. The speaker will be Dr. Paul Sherblom, speaking on *Environmental Persistence of Malathion and Its Co-products*. This meeting is the annual Spouses' Night. The dinner and meeting will take place in the Miller Building.

Reception: 6:00 pm

Dinner: 6:30 pm, both in the Harmon Hall of Peace

Meeting: 7:45 pm in Miller Room 33

Cost: \$20, \$10 for spouses and students

Menu: Choice of Chicken Piccata or Penne Pasta with Roasted Vegetables

Reservations: Call Diane Molchany at 610-606-4611 by 4 PM on April 26th. Please give your name, affiliation, and choice of entree.

Abstract

Environmental Persistence of Malathion and Its Co-products

Malathion, an organo-phosphorous insecticide is widely used in domestic, municipal and agricultural applications. Storm events following application to lawns, or in agricultural settings, as well as its use in mosquito control may lead to malathion entering surface waters. Additionally, its use in situations such as exotic pest infestations (the Mediterranean Fruit Fly and the West Nile Virus) have lead to aerial spray programs with the potential exposure of significant portions of the population. Trace impurities which may be present in technical grade malathion can significantly increase its toxicity to non-target species, including humans. Results from two studies concerning the environmental persistence of malathion and its co-products will be presented and their environmental and human health implications discussed.

Biography on pg 2

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Biography (cont. from pg 1)

The speaker is Dr. Paul Sherblom, Assistant Professor of Chemistry at Cedar Crest College. Dr. Sherblom is an analytical/environmental chemist whose research interests include the persistence and transport of pesticides and using molecular markers to evaluate anthropogenic source contributions to bodies of water.

A New Benefit for ACS Members

The American Chemical Society announces its newest benefit for you the member. We are excited that we can offer you discounts on your next stay at any of the following hotels; Ameri-Host, Days Inn, Knights Inn, Ramada Inn, Travelodge, Villager and Wingate Hotels. Take a minute and call 1-877-670-7088 to make your reservation, or call the hotel directly, mention the Society's discount #62871 and receive up to 20 percent off your next visit at any of the previously mentioned hotels.

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All applications for membership in the American Chemical Society should be sent to the Secretary at the address above. This publication, founded in 1918, is devoted to the interests of the Lehigh Valley Section of the American Chemical Society. It is published eight times each year (January through May and September through November) and mailed free to members of the Local Section; subscription fee to non-members is \$1 yearly.

Points to Ponder...

He who is ashamed of asking is ashamed of learning. --Danish Proverb

Never be afraid to sit awhile and think. --Lorraine Hansberry, Playwright

Enjoy your summer! The Octagon will be back in August.