

ENVIRONMENTAL ENGINEERING SEMINAR

Spring Semester, 1991

Fridays at 3:30 pm
Elab, Room 305

| <u>Date</u> | <u>Speaker</u> | <u>Title</u> |
|-------------|---|--|
| Feb 1 | | Introductory Meeting |
| Feb 8 | David Reckhow Civil Engineering UMass | Disinfection Byproducts: Formation and Precursor Removal |
| Feb 15 | Mr. John McAuliffe Engineering-Science, Inc. Liverpool, NY | Remedial Activities at Hanscom AFB |
| Feb 22 | Dr. R. Clinton Fuller Biochemistry UMass | Biosynthesis and Biodegradation of Bacterial Polyesters |
| Mar 1 | Dr. Domenic Grasso Civil Engineering Univ. of Conn. | Numerical Simulation of Aqueous Ozone Decomposition |
| Mar 8 | Dr. Vasil Diyamandoglu Civil Engineering City College of NY | Stoichiometry and Kinetics of the Reaction of Nitrite and Ammonia With Chlorine |
| Mar 15 | Week preceding | SPRING BREAK - No Friday Seminar |
| Mar 22 | Week of | SPRING BREAK - No Friday Seminar |
| Mar 29 | Dr. Jean-Yves Bottero Environmental Engineering Inst. Nat. Polytech. de Lorraine, FRANCE | Mineral Polymeric Al and Fe(III) Coagulants: Structural Determination and Speciation |
| Apr 5 | Dr. Thomas Lessie Microbiology UMass | Genomic Plasticity and Catabolic Potential of <u>Pseudomonas cepacia</u> |

| <u>Date</u> | <u>Speaker</u> | <u>Title</u> |
|-------------|--|---|
| Apr 12 | Dr. Katherine Alben NY Dept. of Public Health Albany, NY | Consistent GAC Adsorption of Herbicides Under Dynamic Conditions |
| Apr 19 | Mr. R.V. Rajan Civil Engineering UMass | Halogenated Organic Compounds in Wastewater Effluents: Characterization and Enviromental Fate |
| Apr 26 | Dr. Francois Morel Civil Engineering MIT | Organic Complexation of Trace Metals in Natural Waters |
| May 3 | Students | |
| May 10 | Students | |

ENVIRONMENTAL ENGINEERING
SEMINAR

**THE INTERACTION OF OZONATION BYPRODUCTS WITH
CHLORINE AND CHLORAMINES**

by

Mr. Andrew P. McKnight
Graduate Student - UMass

and

**THE EFFECT OF IRON ON OZONE-INDUCED
PARTICLE DESTABILIZATION**

by

Geoffrey G. Baldwin
Graduate Student - UMass

Friday, April 19, 1991
3:30 PM
Marston 220

(Refreshments will be served after the seminar)