REMEMBERING DR. BOUDEWIJN H. BRINKHUIS *(1946–1989):*
A STUDENT'S PERSPECTIVE By Frances T. Costa

DR. BOUDEWIJN H. BRINKHUIS

I have very fond memories of my graduate advisor, Dr. Boudewijn ("Bud") Brinkhuis. A phycologist and scuba diver, he was known as the "algae man" of Stony Brook University's Marine Sciences Research Center.

He had two loves in his academic life, seaweeds and students, and he combined the two throughout his career. Dr. Brinkhuis enjoyed researching macroalgae and advising graduate students on their thesis projects. There's a lot to be said about a professor who will spend unlimited hours discussing and exchanging ideas. In his 13 years at SUNY Stony Brook, this particular professor always found time in his busy schedule for his students. He sponsored students who completed 16 master's degrees and 3 Ph.D. programs. Dr. Brinkhuis possessed a very relaxed, down-to-earth manner that made students feel at ease. Students under his supervision strived to succeed; he brought out their strong points and best qualities.

Dr. Brinkhuis' other interests included traveling, international affairs and aquaculture. He was invited to universities in China and Korea many times to study seaweed aquaculture. He also helped establish a research facility in Ensenada, Mexico, and started a foreign student exchange program.

His scientific research has covered a broad range. He initially studied the primary productivity of salt marsh plants and heavy metal cycling of eelgrass. Through the Marine Biomass Program, which was sponsored by New York Sea Grant Institute, New York State Energy Research and Development Authority, and the Gas Research Institute (Chicago), he studied the potential for seaweed as a source of energy. He was also a New York Sea Grant Professor for three years. More recently, he studied the physiology of seaweeds, particularly *Laminaria saccharina*. He was also interested in the genetics and morphology of macroalgae.

Dr. Brinkhuis has made a tremendous impact on my life as well as the lives of many others. He introduced me to the dynamic microscopic world of *Laminaria saccharina*. He also restored my faith in student–professor relationships at a very delicate time in my education. He will be missed by his students, colleagues, family and friends.

The following is a partial list of Dr. Brinkhuis' recent publications resulting from work that was funded by the New York Sea Grant Institute.

The Algae Man—our man down under.

Photos courtesy MSRC

A rough day at the office.

Brinkhuis, B. H., P. F. Egan, Z. Garcia-Ezquivel, and C. Yarish. 1989. Physiological basis for *Laminaria* selection protocols in Long Island Sound mariculture. *In:* C. Yarish, C. Penniman, and P. Van Patten (eds.), Economically Important Marine Plants of the Atlantic: Their Biology and Cultivation. Connecticut Sea Grant Program Symposium Proceedings (in press).

Zertuche-Gonzalez, J. A. and B. H. Brinkhuis. 1989. Aquaculture of commercially important red seaweeds from Baja California. Proceedings of the 13th International Seaweed Symposium (in press; invited paper).

Lee, J. A. and B. H. Brinkhuis. 1988. Seasonal light and temperature interaction effects on development of *Laminaria saccharina* (Phaeophyta) gametophytes and juvenile sporophytes. *J. Phycol.*, 24(2):181–191.

Zertuche-Gonzalez, J. A., C. G. Schlenk, and B. H. Brinkhuis. 1988. Open-water culture of *Gracilaria tikvahiae* (McLachlan) (Rhodophyta Gigartinales). *Ciencias Marinas*, 14(1):15–29.

Brinkhuis, B. H., H. G. Levine, C. G. Schlenk, and S. Tobin. 1987. *Laminaria* cultivation in the Far East and North America, pp. 107–146. *In:* K. T. Bird and P. H. Benson (eds.), Seaweed Cultivation for Renewable Resources. Elsevier Science Publishers, B.V., Amsterdam.

Chung, I. K. and B. H. Brinkhuis. 1987. Uptake and efflux kinetics of cadmium in the kelp, *Laminaria saccharina*. Proc. 6th International Conf. Heavy Metals in the Environment (in press).

Hwang, S.-P. L., S. L. Williams, and B. H. Brinkhuis. 1987. Changes in internal dissolved nitrogen pools as related to nitrate uptake and assimilation in *Gracilaria tikvahiae* McLachlan (Rhodophyta). *Botanica Marina*, 30:11–19.

Dr. Bud Brinkhuis died unexpectedly this past July.

Fran Costa was a graduate student at Stony Brook's Marine Sciences Research Center from 1987–1989. She is currently working for Cosper Environmental Services, where she is doing research on the red seaweed Champia parvula. *Bud's memory will remain with us.*