Bryan Priestman Lectures to be held

(UNB-PRI) A versatile Bell Labs scientist and ace trampolinist will deliver the 1990-91 Bryan Priestman Lectures at the University of New Brunswick in Fredericton.

Ronald Graham, who is adjunct director of the research and information services division of AT&T Laboratories and a university professor of mathematical sciences at Rutgers University in New Jersey, will give three public lectures from Oct. 17 to 19. The lectures, which are sponsored by the faculty of science at UNB, have been scheduled to coincide with Science and Technology Week, Oct. 12-21. These 10 days will mark a nationwide celebration of scientific and technological achievement in Canada.

On Wednesday, Oct. 17, at 8 p.m. in the MacLaggan Hall Auditorium (Room 105), Dr. Graham will address the limitations of computers in coping with real-world problems in the lecture, computers and Mathematics: Coping with Finiteness. In his lecture on Thursday, also at 8 p.m. in MacLaggan Hall Auditorium, he will tackle The shortest Network Problem--the kind of problem that travelling salespeople and telephone companies face when trying to determine the shortest possible route among a number of locations. Receptions will follow both evening lectures, and the public is invited to both the lectures and receptions. In his final lecture, scheduled for

Room 102 of Tilley Hall at 3 p.m. on Friday, Dr. Graham will discuss Quasi-random Graphs.

A math whiz at 15, Dr. Graham is one of the world's leading combinatorial mathematicians. He has been with Bell Labs since 1962 after receiving his PhD from the University of California at Berkeley where he won the state's trampoline championship. For the past 20 years, Dr. Graham has taken up the challenge of developing mathematical techniques and theorems to route hundreds of millions of telephone calls through cables, microwaves an satellites. The result of his work can be applied not only to routing information within a computer, but also to schedul-

ing an astronaut's day or an entire nation's resources. He has contributed significantly in bringing high powered math to bear on computer science.

Dr. Graham delights in mysteries, mystification, puzzles and finding new skills to master. His office, which might be mistaken for a novelty shop, contains Rubik's Cubes, geometric puzzles, Chinese illusions, juggling balls, and other curiosities. He has co-authored a book on math and magic that aims at being un-

derstandable to those with a minimal background in mathematics.

A believer in keeping minds open and flexible by learning new skills, Dr. Graham has learned, since reaching adulthood, to bowl, throw a boomerang, play ping-pong, parachute jump, speak Chinese an play the piano and tennis. He has run in a marathon and is a dedicated juggler and former president of the International Jugglers Association.

Forum

to become actively involved in environmental protection.

Monetary cost can no longer be the only project factored into the planning consideration and hold equal weight to monetary concerns.

Engineers must cease to be an isolated profession. Integrating engineering projects with sound ecological

safeguards will require a proactive approach involving other professions (e.g. biologists).

Micheal Clow of the New Brunswick Conservation Council stated that the earth is facing a fundamental crisis that will change things from the way they have been for 400 years. He made it clear that actions to curb the problem must be drastic and implemented very soon.

Today's engineers are in a position to help and they must do so. Their intensity, knowledge, skill and organization should make them an effective government lobby group to bring about changes in environmental areas.

The forum organized by the EUS is a great beginning. The challenge has been issued. Now we must act on it.

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I would like t you and your sta covering part of Week 1990. Thi first time, in a years, that the Br covered Enginee time. Hopefull more about wha "down the hil editions.

This year's Engineering W the largest in y like to send out all those who p helped out organization of

Also, congra Brunswickan fo choice of a co Volume 125; those of you w purple is engineering co issue of our newspaper (Th purple for its As well, the Engineering W 28) was Purp would like