

FOR RELEASE: IMMEDIATE

Mailed April 7, 1986

YOUNGSTOWN, Ohio - Two language courses are scheduled by the Office of Continuing Education at Youngstown State University.

"Conversational Italian" and "Conversational Spanish" will teach participants to converse, understand, and read that particular language as they encounter situations used by travelers. Cultural aspects of the country will also be covered.

"Conversational Italian" will meet from 6-8 p.m. on Mondays, April 14-June 2, at Poland Union School. It will be taught by Mary Ann Koontz, a foreign language teacher at Howland High School. She received her Bachelor of Art degree at YSU and her master's degree from Kent State University.

"Conversational Spanish" will be held on the YSU campus and will meet from 5:40-7:30 p.m. on Wednesdays, April 23-June 11. It will be taught by Sylvia Hyre, coordinator for the Foreign Language Lab at YSU.

Each language course is \$75.

For more information, or to register for either course, call the YSU Office of Continuing Education at (216) 742-3358.

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YOUNGSTOWN, Ohio - To many people, particularly those in rural areas, this is the time of year for a "Spring check-up" for their water wells.

Leonard A. Perry of Austintown, administrator of the Microbiology Laboratory at Youngstown State University and a member of the Mahoning County Board of Health, advises owners of private wells to have their water properly tested by their city or county health department two or three times a year. This is particularly important in the spring when the freeze-thaw cycles of winter can cause problems, he said.

Perry explains that although changes in taste, color, and odor of water can signal trouble, serious problems often occur without obvious physical changes in the water itself. He recommends that persons with wells have their water tested by a health department since they test for the "coliform" bacteria, a special type of bacteria which serves as an indicator that unsanitary conditions exist in the water supply, as well as water hardness, iron, sulphur, etc. Public water systems are constantly checked for coliform bacteria, he notes.

Perry stresses that it is important to maintain the proper upkeep of private water systems to "ensure the health and safety of all those drinking from the system."

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Contact: Bob McGill

Mailed April 7, 1986

YOUNGSTOWN, Ohio - Dr. John Yemma, Youngstown State University professor of biology and chairman of the YSU's Allied Health Department, is continuing to explore areas concerning cellular development, and his latest research has attracted world-wide attention.

A research paper he wrote dealing with the biochemistry of cellular membrane recognition factors, fusion, differentiation and division was recently published in Cytobios, a transworld biomedical research journal. It publishes original investigations into all aspects of cell organization.

That research report has led to more than 75 requests for reprints. Dr. Yemma said the requests included those from major research laboratories in the U.S., Russia, Japan, Czechoslovakia, France, Italy and Cuba.

Earlier he had presented a paper outlining this work at a national conference of cell biologists at the University of Oregon.

Dr. Yemma's research report discusses the processes important in the fertilization of the egg and subsequent development of an embryo, and presents the processes in relation to cellular replication and growth tissues.

Through this research, insight was gained concerning protein synthesis in cells, and knowledge as to how cells recognize like types prior to growth and differentiation.

This is an important step towards gaining an understanding of how cancerous tumors may form and develop.

The grant for this research was awarded to Dr. Yemma by the YSU Research Council through the Department of Biological Sciences.

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Dr. Yemma, a resident of Struthers, has been a member of the YSU faculty since 1971. Prior to that, he taught biology at Pennsylvania State University and chemistry in the Struthers school system. He is a graduate of East High School, received his bachelor's degree in biology from YSU, a master's degree from George Peabody College, Nashville, Tenn., and doctoral degree from Penn State.

In addition to his most recent paper, Dr. Yemma has had numerous others published on cytochemistry, the study of the composition of tissues and cells.

He is a member of the American Association for the Advancement of Science, the American Association of Microbiologists, and serves as referee for scientific articles contributed to the American Botanical Society.

The Department of Biological Sciences is part of YSU's College of Arts and Sciences.

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