

1977

Fifth Northeast Iowa Science and Engineering Fair

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- j. Allow the mixture to cool for a few minutes. During this time, using the clamp as a handle, quickly clean the flask using a brush and hot water. Put away the flask and clamp.
- k. Return to your samples and grease your hands slightly. Roll each sample separately in your hands until each looks like a long worm. Twist them together and then bend into the shape of a fish hook.
- l. Allow your product to cool for several minutes. During this time, wash and return your test tubes. Put away the remaining apparatus.
- m. Analyze the result, and see how it compares with the commercial product of the same species.

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Fifth Northeast Iowa Science and Engineering Fair

Upper Iowa University will be host to the Northeast Iowa Science and Engineering Fair on March 31, 1978. Entrants will be from many of the junior and senior high schools in the ten-county Northeast Iowa area.

Exhibits for the fair will be set up in the Dorman Gymnasium on the Upper Iowa Campus. For further information, contact Dr. James R. Janecke, Upper Iowa University, Fayette, Iowa 52142.

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New ISTJ Associate Editor

Mr. Herman Kirkpatrick of Des Moines has been appointed by the *ISTJ* Advisory Board as an Associate Editor in Physics Education.

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ISTS Short Course

Make a note to attend the Iowa Science Teachers Short Course at Ames, on March 3, 1978. Contact Robert Hanson, Executive Director, Iowa Academy of Science, Chemistry Department, University of Northern Iowa, Cedar Falls, Iowa 50613, for details concerning the program.

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Eastern Iowa Science and Engineering Fair

The 19th Eastern Iowa Science and Engineering Fair will be held March 18 and 19, 1978, at Washington Senior High School, Cedar Rapids, Iowa. For further details contact Joe Beach, Director, Box 1032, Cedar Rapids, Iowa 52406.