

Science Fair Winners

(Continued from Page 307)

Dan Edward Sharknas, 15, Gage Park High School in Chicago, Ill., exhibited sources of electricity and was sponsored by the Chicago High School Physics Teachers Association.

Robert H. Higgins, 17, Nelson W. Aldrich High School at Warwick, R. I., exhibited a temperature diagram of lead-tin alloys. He was sponsored by The Providence Journal-Bulletin.

Melicent K. Rupp, 17, Western High School, Washington, D. C., exhibited a model of a mathematical figure called an "icosahedron," and was sponsored by The Washington Daily News.

Robert R. Coons, 16, Gage Park High School in Chicago, tied for third place with his exhibit on electricity sources. He was sponsored by the Chicago High School Physics Teachers Association.

Don Davis, 18, Capitol Hill Senior High School in Oklahoma City, Okla., also tied for third place with an exhibit on zoology, with emphasis on entomology. The exhibit showed eight snake species common to Oklahoma City, a mounted cat skeleton and some insects. He was sponsored by the Oklahoma City Times.

Fourth place winners of \$15 in SCIENCE SERVICE materials, and sponsoring papers, are:

Alesandra M. Schmidt, 16, Rockville (Conn.) High School, and Joseph R. Terranova, 17, Farmington High School, Unionville, Conn., both sponsored by The Hartford Times. James Brent, 21, Phelps Vocational High School, Washington, D. C., Mary Jeanne Kreek, 15, and Joel Shapirio, 17, of Woodrow Wilson High School,

Washington, all sponsored by The Washington Daily News. William Eykamp, 15, Benjamin Bosse High School, Evansville, Ind., The Evansville Press. Murray Joe Casey, 15, Wayne Huffman, 18, and Areta Tonkinson, 16, all of the Chanute (Kans.) Senior High School, sponsored by The Chanute Tribune. Arvey I. Andrews, 17, Sumner High School, Kansas City, Kans.; Jerry Clack, 16, and Russell D. Etzenhouser, III, 17, both of William Chrisman High School, Independence, Mo., and John W. Nebgen, 16, Northeast High School, Kansas City, Mo., all sponsored by The Kansas City Star. William D. Carragan, 14, Troy (N. Y.) High School, The Knickerbocker News. Joseph E. Dolfini, 15, Middletown (N. Y.) High School, and Alice Louise Shaffer, 15, Union Endicott (N. Y.) High School, both sponsored by The Oneonta Star. Mavis L. Johnson, 17, Central High School, Devils Lake, N. D., and Charles A. Ordahl, 17, Grafton Central High School, Grafton, N. D., both by The Grand Forks Herald. Robert M. Herman, 17, Napoleon (Ohio) High School, and Annabelle Stuckey, 16, Archbold (Ohio) High School, The Archbold Buckeye. Jean Ireton, 18, Classen High School, Oklahoma City, sponsored by the Oklahoma City Times. Jessica Heimbach, 17, Quakertown High School, the Call-Chronicle Newspapers. William Alwine, Jr., 16, Audubon (N. J.) High School; Howard A. Link, 17, Friends Select School, Philadelphia, and Janice McLaughlin, 15, John W. Hallahan Catholic Girls' High School, all sponsored by The Philadelphia Inquirer. Mary J. O'Rourke,

17, West Warwick High School, The Providence (R. I.) Journal-Bulletin. Carolyn Evans, 16, Martinsville (Va.) High School, Martinsville Bulletin. Webster R. Hughes, 17, Mathews (Va.) High School, The (Newport News) Daily Press.

Science News Letter, May 17, 1952

MEDICINE

Blood Flow Unharmful by Getting Little Drunk Fast

► GETTING A little drunk quickly has little effect on the circulation of blood through the brain or on the brain's vital chemical processes. But the brain's chemical activities are usually markedly depressed and its blood vessels dilated in severe alcoholic intoxication.

Repeated episodes of such depression of the brain's chemical processes, however, may play a part in bringing on the mental changes that come after a time in chronic alcoholism.

Studies showing this were reported by Drs. Louis L. Battey, Albert Heyman and John L. Patterson, Jr., of Emory University School of Medicine, Atlanta, Ga., at the meeting of the American Federation for Clinical Research in Atlantic City.

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BIOLOGISTS — On the left is Gretchen Koosmann of San Marino, Calif., with the molds she grew from soil in her backyard. Right, Elton Stubblefield, of Denton, Texas, showing the life cycle of the Three-Spot Gourami. These, with the two shown on the facing page, won top honors at the National Science Fair in Washington.

