

place girl, \$25; second place, \$20; third place, \$17.50; fourth place, \$15; fifth place, \$12.50. Each exhibitor received a Certificate of Participation. Certificates of Excellence and Certificates of Honorable Mention were awarded to 35 entrants. Douglass Saunders, Oak Ridge High School, with his exhibit, "Geotropism," and Lydia Shipe, Knoxville Central High School, with her exhibit, "Relation of Animals to Habitat" were finalists from the Southern Appalachian Regional Science Fair to the National. Both of them won very commendable prizes. Miss Lula Shipe, Mrs. Sara Conroy, and Miss Weigel completed the official party. Members of the executive committee of this fair expect more local East Tennessee science fairs this year that will result in an enlargement of the regional fair.

All of the participants in the science fairs give their teachers, parents, and scientists in their communities much credit for encouraging and advising them concerning science fair work. The influence of science fair activity cannot be completely evaluated objectively and quantitatively at any specific time; it will be noticed many years in the future.

There are many Tennessee scientists, but more are needed. Tennessee has thousands of talented youngsters who should choose careers in science. Perhaps a science fair is all that is needed to cause them "to find themselves" and to make the right choice of vocation. More science fairs should be held. The initiative for the organization of more fairs will come, perhaps, from teachers and students.

Many problems are encountered in organizing and executing science fairs. Assistance with such problems can be obtained free by addressing a request to: Educational Section, American Museum of Atomic Energy, P. O. Box 117, Oak Ridge, Tennessee.

Remember that in these times much emphasis must be placed upon the improvement of science education. Science fairs constitute one of the best media for stimulating young people to work and select careers in the pure and applied sciences. The science fair is an educational tool with great possibilities; it is the duty of responsible people to see that this tool is put to the best and greatest possible use.

NATIONAL SCIENCE FAIR EXHIBITS BY TENNESSEE STUDENTS

The following two articles are brief descriptions of exhibits by Tennessee students who were finalists in regional science fairs in Tennessee and who participated in the National Science Fair at Cleveland, Ohio, in May, 1955. Descriptions of exhibits of five other finalists appeared in the July, 1955, number of the

Journal. The remaining three finalists were Judith Agnes Davenport of Chattanooga High School, Katherine Ely Martin of Miss Hutchinson's School, Memphis, and Winston S. Marshall of Isaac Litton High School, Nashville; it has not been possible to obtain descriptions of their exhibits.

THE REMOTE CONTROL PANEL

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Most everyone hates to have to leave his seat to adjust the record player or to turn it off but that is far as it usually goes. With this in mind and other inconveniently located switches made me want to change this situation in my own room.

I got the idea for my panel thinking that with this I would not have to get out of bed after reading to turn the light out or radio off. If I said goodnight to the rest of the family, I had to leave my room. This could be prevented with an inter-com, but commercial models had to be placed on a table and had a switch that must be pushed so that would not have been the answer. So I made my own along with the rest of the panel to suit myself.

Maybe I am a little lazy but most of us are, I guess. My little sister would move my record player to her room and I would have to move it back. With my panel she can play records through her own radio. We have a large house and keep some boys that go to college. They get phone calls and have to be paged to the phone. With my panel I can both answer the phone and page the boy that is wanted on the phone without even getting out of bed. Since my parents go to bed early this makes it very useful to us all.

I started to build the panel about five weeks ago and my friends thought it would be a good entry to the Science Fair. Each thing that I thought would be useful I tried it. If it proved all right I would install it permanently in the panel. I have found that it has many uses that I never thought about, as talking to Dad in the car when he gets home from work—like maybe telling him to go get some groceries for dinner. This saves him from getting out of the car and coming in the house. I know now that other radios in our house receive my records while I play them.

A lot of the panel I built not knowing just how useful it was until I got it in use. Now I can control just about everything that I need to from one place, my fan, lamp, etc.

The first step in building it was to build a chassis big enough. I thought that I had the thing a lot too big and would never