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Rishab Jain of Stoller Middle School is named America's Top Young Scientist.

Young Scientist Takes First

Rishab Jain of Stoller Middle School has been named America's Top Young Scientist by winning the 2018 Discovery Education 3M Young Scientist Challenge.

Rishab, 13, created an algorithm to make pancreatic cancer treatment more effective by using artificial intelligence to accurately locate and track the pancreas in real-time during MRI radiotherapy.

An inherent challenge of radiation treatment for pancreatic cancer resides in targeting the pancreas itself, which is often obscured by the stomach or other nearby organs, making it difficult to locate, and may move due to breathing other anatomical changes in the abdominal area.

Rishab developed and tested his algorithm using images of the human digestive system, and

found it could correctly detect the pancreas with a 98.9 percent success rate. The innovation aims to improve accuracy, reduce invasiveness and increase efficiency during treatment, resulting in better quality of life and chance for survival among patients.

Jain competed against nine other finalists and received a \$25,000 prize.

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Jerry and Helen Ephrem were found murdered in their home in 2014.

Double Murder Case Turns Cold

A double homicide in northeast Portland's Hazelwood Neighborhood has gone unsolved for four years and police are asking the public's help to help solve it.

On Oct. 30, 2014, police and emergency medical personnel entered a residence on Northeast 114th Avenue to check on a couple living there and found Jerry Ephrem and his wife, Helen

Ephrem, deceased due to "homicidal violence," police said. Both victims were 65 years old.

The investigation has yet to uncover suspect information or a reason why anyone would want to hurt the victims.

The police, in cooperation with Crime Stoppers of Oregon, are asking for any leads to an arrest, which can be submitted any-

mously and could result in a cash reward of up to \$2,500.

Information learned from social media sites such as Facebook, Twitter, or YouTube should be shared to help police identify any suspects. Submit a secure and anonymous tip via the P3 Tips smart phone app, online at p3tips.com/823, or call 503-823-HELP (4357).

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