

SCHOOLS

Teen's assistance in research brings TechColumbus award

By **KHALILA PERRIN**

Suburban News Publications

He's just 16, but Alburuj Rahman works shoulder-to-shoulder with professors at Ohio State University.

Together they're on a quest for a healthier way to administer radiation to cancer patients.

That's pretty impressive for a teenager, said his Metro Early College High School teacher, Peter Dewitt. But for Rahman it's less about his smarts and more about helping as many people as possible through his work, he said.

Rahman and his mentor Dr. Jian Z. Wang, director of the Radiation Response Modeling Program at the James Cancer Hospital and Research Institute, worked side by side on a study of cranio-spinal irradiation.

CSI is used to manage several types of malignant tumors that can affect the central nervous system. The aim of the study was to find a way to destroy cancerous cells in fluids with a more uniform and precise delivery of radiation.

That improved delivery also keeps other nearby structures from being damaged by the radiation, which is a challenge with current methods, Wang said. The new method is particularly geared toward use in young patients.

Though Rahman had a steep learning curve, the teen jumped at the chance to do the research, the high school junior said.

"I want to help patients as much as I can," he

said.

"I'm really interested in being able to help patients because right now their cells might get damaged because of the overdosage (of radiation). Our method is something that can cause revolutionary change."

Rahman is the son of Lutfur Rahman and Sultana Nahar of the Clintonville area. He and Wang have been working on the project, which Wang initially developed with another physician, since summer 2008.

The study has been successful so far and Rahman said he hopes to develop the abstract he wrote and recently presented at the 2009 Association of Physicists in Medicine meeting, into a paper for publication.

The life of the research won't end with research and paper writing, though.

"Eventually we want to use this technique in patients," but the method still needs approval from Ohio State University's institutional review board, Wang said.

So far the new radiation delivery method only has been tested via computer software.

Tackling a difficult research project is typical of the teen, said Dewitt.

"As a student he's a great question asker. He has incredible persistence and he likes to understand topics deeply."

Those are essential characteristics in a re-

See AWARD, Page 9



Metro Early College High School's Alburuj Rahman (holding award) poses with (from left) Rich Rosen, vice president of education at Battelle, his mother Sultana Nahar, and Diana Wolterman, Battelle's program manager in residence at Metro High School. Nominated by Wolterman, Rahman earlier this month was honored with TechColumbus' 2009 Outstanding High School Student.

SNP lists Top 100 Real Estate Deals this week

Which area of Central Ohio has the hottest real estate market right now? How much did that house sell for down the street? How much are homes in your community going for, and how does that compare to prices across town?

You'll find answers to those questions, and more, in SNP's exclusive list of the area's Top 100 Real Estate Deals. This weekly list picks out 100 of the area's home and condominium transactions for a given week. All sales occurred within the SNP circulation area.

Listed here is the address of the property sold, the buyer's name, and the sale price. All information is provided for informational purposes only.

Kline; \$399,900.
8287 Dolman Dr; Mary Beth Freeman; \$376,000.
9517 Big Bear Ave; David J. Bulcher, Sandra L. Bulcher; \$305,000.
7484 Deer Valley Xing; Stephen P. Androw, Diann J. Androw; \$300,000.
6334 Scioto Chase Boulevard; Scott D. Padurean, Mmber L. Pilewski; \$291,036.

Pickerington
13052 Ault Rd; Joseph E. Bittinger Jr, Karen M. Bittinger; \$312,000.
881 Falkirk Ct; Andrew J. O'Neil, Kathrine P. O'Neil; \$249,000.
170 Fox Glen Dr W; Charles W. Dunphy, Jr, Tracy J. Dunphy; \$246,000.

James; \$445,000.

TriVillage/Arlington
1251 Ashland Ave; Michael J. Ball; \$225,000.
1825 Northwest Ct Unit C; Kelly V. Swanson; \$113,800.
Whitehall/E. Columbus

OBITUARIES

Ruth Brehm

Ruth Alice Stoltz Brehm, age 84, Wednesday, Feb. 17, 2010, Riverside Methodist Hospital.
 Born Aug. 27, 1925. Graduate of South High School. Retired from Franklin County Sheriff's Office. Longtime member of St. Andrew Catholic Church.
 Preceded in death by husband, John T. Brehm; parents, John and Clara Grashel Stoltz; 3 brothers and 2 sisters.
 Survived by daughter and son-in-law, Katherine and Larry Davis of Reynoldsburg, OH; brothers-in-law, Richard (Gloria) Brehm of Columbus, OH and Dr. James (Susan) Brehm of Myrtle Beach, SC; niece, Judy; other nieces and nephews.
 Arrangements were handled by Southwick-Good & Fortkamp Funeral Chapel.

David Schreiner

David H. Schreiner, age 92, Thursday, Feb. 19, 2010. Founder and owner of Schreiner Plumbing And

Hardware Co. in 1946. Veteran, U.S. Army Air Corps, WW II. Member of North High School Alumni and OSU Alumni, where he was the first "Script Ohio" snare drummer for the OSU Marching Band; member, Aladdin Shrine, Drum & Bugle Corp, Royal Order of Jesters Court 8; El Hajji; Kachina Club; Ambassadors Club; Last Man's Club; Scioto Boat Club. Member, Northwest United Methodist Church.
 Survived by devoted wife of 61 years, Ruth; children, John "Jack" (Gloria) Schreiner, Daniel "Dan" (Glenda) Schreiner of AZ, and Nancy Schreiner; grandchildren, Debi (Jim) Lewis, Cathi (Jeff) Hill, Ben (Lara) Schreiner of GA, Tyson (Laura) Schreiner of WI, Andrew (Britta) Schreiner of NJ; great-grandchildren, Noah and Ethan Schreiner of GA and Ian Schreiner of WI; nieces and nephews.
 Arrangements were handled by Southwick-Good & Fortkamp Funeral Chapel.

See DEATHS, Page 19

AWARD

Continued from Page 8

searcher, he added.

"We can't take any credit for Alburuj. He was like this when we got him," said Diana Wolterman, the Battelle program manager in residence at Metro.

She successfully nominated Rahman for the Outstanding High School Student honor awarded by TechColumbus at its annual Innovation Awards in February. TechColumbus is a nonprofit organization that focuses on technology-based economic development throughout Central Ohio.

Wang praised the teen's work as well. "He's very dedicated and did not give up when facing so many different difficulties," he said.

Shaw-Davis
 Funeral Homes & Cremation Service
 Celebrating 100 years of service

**Affordability Without
 Compromise**

Cremation from **\$795** Burial packages from **\$1,895**

Two Convenient Locations
 Visit our website at www.Shaw-Davis.com
614-262-2600

Columbus State Dublin Center

6190 Shamrock Court, Suite 100, Dublin, OH 43016

Now Registering for
Spring Quarter
Classes begin
March 29

The Associate of Arts and Business Management degree programs can be completed at our Dublin Center.

Course Offerings

Accounting
History of Western Art

Early Childhood Development
Economics

Marketing
Medical Terminology

