

Recreational golf

Putters July 12

Play of the day winner was Stella Roberts. Low gross winner was Cindi Hartley. Low net winner Linda Warner, Hartley and Nancy Peterson. Peterson also won low putts. Chip-ins were made by Peterson and Caroline Marchewitz on No. 17.

Swingers July 13

Play of the week, most 5's, winner was Stella Roberts. Low gross winners Deb Falk and Cindi Hartley with 39. Low net winner was Beth Borchardt with 3i0 and low putts winner was Carol Natter with 14.

Sunset Couples July 17

Play of the day, longest drive on No. 5, winner was Deb Falk and Bruce Winder. Low gross winners were Kirk Falk with 39 and Sue Winder with 40. Low net winners were Ward Wilson with 25 and Donna Guernsey with 26. Birdies were made by Kirk Falk on No. 9 and Donna Guernsey on No. 7.

Sandbaggers July 18

Play of the day, low putts on even holes, winner was Louise Phillips with 4. Low gross winner was Maria Lobbestael with 39. Low net winner Fran Cocke with 31. Low putts winner Myrna Davenport. Davenport birdied on No. 7 and chipped-in on No. 2. Chip-ins were also made by Phillips on No. 6, Nancy DeGrise and Judy Buszka on No. 7 and Sharon Gardner on No. 8.

Putters July 19

Play of the day winner was Linda Warner. Cindi Hartley won low gross. Linda Cox won low net and Denise Bereens won low putts. Cindy Szczechowski chipped-in on No. 8.

Dahlem to host golf outing for Little Acorns Preschool program

The Dahlem Center is hosting a golf outing Friday, July 28 to support the Little Acorns program for another year. Registration fee includes golf, golf cart, boxed lunch and drink ticket at the turn. This event will be held at the Arbor Hills Golf Course, 1246 Arbor Hills Road, Jackson. For more information about sponsorship or to register for golf, go to dahlemcenter.org or email Denise at dbigham@dahlem-center.org.



CCHS teacher Jennifer VanWagnen and TransPharm's chief scientific officer Santiago Lopez analyze different types of bacteria grown on plates at the facility.

Columbia teacher gains real-world experience through internship



Story and photos by John Hummer
Exponent staff writer

Transferring scientific knowledge from the real world to the classroom has been at the heart of a new partnership that formed this summer between TransPharm Preclinical Solutions in Napoleon and Columbia School District.

In a somewhat non-traditional situation, Jennifer VanWagnen is one of four interns who were selected to work this summer at the company. She is a teacher at Columbia Central High School who has a bachelor of science degree in human biolo-

gy from Michigan State University.

"I think it was kind of unique to have somebody like her interested in our internship program," said company President and CEO Dan Ross. "To have her come in and gain something for her career and school I think was pretty neat. She's been a good fit here."

"Usually we're looking for first or second year college students in the life sciences," said Santiago Lopez, the company's chief scientific officer. "It's a mutually beneficial relationship. We want to get something out of our interns and the interns definitely get the experience from us."

VanWagnen came to TransPharm with a purpose in mind. Mike Dickens, formerly Columbia's biology teacher, retirement at the end of the 2016-17 school year left a hole to fill.

"It's been a long time since I've done anything like this, and it's been a really long time since I've taught biology," she said. "I feel blessed to have the opportunity to do this."

VanWagnen will use her new training to teach biology and advanced placement biology at CCHS and will continue to teach anatomy courses. She had to let go of her forensics and sports medicine classes, which will be picked up by other teachers.

"It's a new opportunity and should be exciting," she said. "I always try to stay current. As a teacher, I think that's really important. I wanted to make sure I know what's going on in

the field and I'm not just walking into my classroom blind."

VanWagnen visited TransPharm for the first time back in March.

"I came and toured the facility and really fell in love with it," she said. "I was absolutely impressed. As a teacher, I wanted the opportunity to explore this further so I can go back to the classroom and encourage other students to come here, but also so I could say 'this is what is really happening in the field' and 'this is why we use these techniques in the classroom' – so you can see this is real life – this is how it works in the lab."

Lopez said all of TransPharm's interns work to validate or establish new types of infection models for their clients to be able to test their therapies or their products.

"The science that we do here – we have to get the animals (mice) sick, unfortunately, but that establishes a background we can test, hopefully new antibiotics that will one day save someone's life," he said. "We don't have every combination of animal models there are. We have to establish or validate new ones according to our clients' needs. I set up the internship program to help us meet that need. They gain real world experience and obviously we gain that new animal model that we can then offer to our clients."

VanWagnen has been working with two different antibiotics and testing their effectiveness and dosing levels.

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