

BTE DePuy Synthes Year One Tour Thursday, April 28, 2022



Student Estimate Arrival: 8:30 AM

Student Estimated Departure: 2:15 PM

Primary Contacts if Issue: Nichole Rouached (720-810-5295) & Anne Hill

Students will be placed in groups by career path. *Please note and tailor discussions to student interests.* Each student group will have one WACC/OrthoWorx Chaperone.

Overall Agenda for Students – Please see attached Excel sheet for group rotations

8:35-9:05	Stop 1
9:10-9:40	Stop 2
9:45-10:15	Stop 3
10:20-10:50	Stop 4
11:00-11:50	<i>LUNCH WITH ALL GROUPS – Mentors Join Teams</i> Meet mentors in Sales Training Conference Room, grab sandwiches.
12:00-12:45	<i>Walk Outside with Tour Guides</i> Back into six groups by 12:45 – Convene in Main Stairwell
12:55-1:25	Stop 5
1:30-2:00	Stop 6
2:15	Photo & Depart

Lunch: 11:00AM-11:50AM

Mentors will take students into separate conference rooms

- **Location(s):** ALL Volunteers Pick Up Sandwich in Sales Training
- **Meals Provided:** Jimmy John – Roast Beef, Ham & Cheese, Turkey, Italian
- *Note – One Nut Tree Allergy*
- **Mentor Discussion Points**

Discussion around what students have seen so far, what they'd like to see. What types of STEM²D jobs they'd like to shadow? Do any of their career interests align with positions at DePuy Synthes? Make connections from what they've seen to their own four year plans. Review if their summer activities support post-high career or college planning.

- **Day in the Life of DPS Employee – Walking Path for Employees (Weather Pending)**
All students do after lunch – their tour guide will lead them on a brief walk. Low key discussion, what some benefits are with J&J, what the “real world” is like after college OR high school, when you enter the work life.

Tour Stops Topics & Talking Points (30 Minutes):

Be sure to ask questions. Remember, they're 14-16, be relaxed and have fun! They love funny antidotes. Please note their CAREER INTERESTS and try to tailor discussions to them.

- **VELYS Robotic Knee Assisted Surgery**

Kelly/Andrew

- Ask students if they've had surgery, what do they recall of experience?
- What are benefits of robotic assisted surgery for the surgeon, patient
- How long did it take to develop this type of technology?
- Note, students have seen a bone saw demonstration with DiscoverME, so connect demo to that experience, noting differences between procedures
- Highlight main steps/process for how it is used
- Discuss how it compares to with competitors, like ROSA, which many students may have seen from DiscoverME Tour

- **BioSkills Lab (Saw Bone Demonstration)**

- Have students recall what they remember from Saw Bone Demo during DiscoverME at Ivy Tech's OAMTC.
- Discuss instruments and equipment, like what the bone is made of.
- Could highlight how it trains people, but now may use virtual or soon mixed reality.
- Discuss process of procedure
- Let students hold bone, equipment
- Let them manually drill on something

- **Innovation Wall & Tribology Lab**

- Ask students what is a patent? Then explain patent, and the process for obtaining one.
- Highlight the patents, stats around Kosciusko County having more patents per capita than anywhere else in state.
- What does DPS do when someone gets a patent (party, dinner, engraved token).
- Give some examples of what the patents are, particularly Revra's first that they should see.
- Ask students to guess what happens in Tribology Lab
- Explain it, show some tests being performed -
- What did people study that work in lab?
- Discussion around why you can't say "30-year knee."
- Pass around materials used in motion simulations.

- **Manufacturing Floor**
 - Ask students what they remember from DiscoverME tour
 - Ask them what company they visited
 - Refresher from DiscoverME – Note hearing issues on floors.
 - Showcase CNC machines, Quality – range of pathways (education & career) for working on manufacturing floor.
 - Reinforce machining needs, high-skilled positions
 - Note it's good for any healthcare pathway or engineers to know machining, process of how it is made.
 - Show some pieces that are made in Warsaw, IN, explain their use
- **Surgeon Welcoming Center – History of Orthopedics in Warsaw, IN**
 - Review story of Revra DePuy (fun facts, married Sheriff's daughter, etc).
 - Use deck to highlight how many and what major companies were create & could be traced to former DPS employees.
 - Provide overview on some of the devices in the room, including original equipment by Revra (first patent).
 - Let students hold, pass around.
 - Love Liz's reflection on bone glue and innovation with more porous materials, discuss ongoing innovation within orthopedics
 - Discuss some famous people DePuy has worked with, athletes, custom parts.
 - Can also reflect on who visits space, surgeons flying into Warsaw, IN on private jets and going to BioSkills Lab
- **Marketing/Sales Department**
 - Good opportunity for students interested in "business."
 - Love the idea that sales staff work with surgeons, are in the operating room.
 - Show Sales Data, Collect Market Feedback for Creation
 - Display assets from trade shows
 - Marketing – working with customers to show how it
 - Can even discuss lawsuits and how DPS/J&J deal with legal issues

Break-Up Students into Groups:

- Engineers
- Biomed Engineers & Tech
- Medical Professions (Doctors/CNAs) (2 Groups)
- Business/Marketing
- Community (teacher, counselor)

DePuy Synthes Lunch Break Discussion & Announcements

11:00 AM - 11:50 AM

Guiding Questions for Reflection & Discussion:

- Share out what everyone has seen so far.
- What was your favorite part? Did anything surprise you?
- Are there some careers within STEM2D that they've seen and would be interested in job shadowing?
- Do any of their career interests align with jobs at DePuy Synthes?
- What classes do they need to take while in high school for their current career interests? *Share out from four-year plan that you completed a few weeks ago.*
- Discuss the circled two areas on their four year plans you wanted to discuss with mentors (courses, graduation requirements, pathways). Any specific questions?
- Share out two areas that are priorities for you and explain why those areas from the four-year plan are a priority.
- What will you be doing in summer to support these priorities? Review the extension sections and ask mentors what they've done in summers while in high school.

Monday, May 9th STUDENTS Required

E-Learning Day & BTE Focus Groups

Attend a one hour session, between 9:50 AM – 2:00 PM (Breakfast or Lunch Provided)

You've all done such an incredible job providing feedback to OrthoWorx, your teachers, your mentors and our other partners. This is an opportunity for you to formally provide feedback to help guide planning and support from FHI 360 – the group that manages BTE for DePuy Synthes and Johnson & Johnson. This is required for us to complete to get funding – that funding is what allows us by materials, snacks, sweatshirts and so many other things.

This is mandatory! We'll have a raffle and prizes for students that attend. Be sure to let Nichole know what kind of food and prizes you'd like to see for the session by completing today's exit ticket by Friday afternoon!