



Biotechnology & Medical Bioscience Tech Prep Summit

Date: Thursday, March 23, 2017 **Time:** noon to 3:00PM **Location:** Building 6, Room 142

Attendees: Jess Moore (MVTPC), Josiah Wahlrab (MVTPC), Kim Torrence (GCCC), Nicole Harestad (Greenville HS), Charla Cornwell (WCCC), Cheryl Hess (Ohio Hi-Point), Erin Molden (MVCTC), Jessica Knisley (MVCTC), Marc Cary (Centerville), Mandy VanDyke (KFHS), Joshua Roark (Ponitz), Mike Erbe (Sinclair), Suzzi Luken (Sinclair), Sarah Finch (Sinclair)

1. Miami Valley Tech Prep Consortium update

- a. **2016-17 enrollment** – Jess shared a portion of the PowerPoint presented at the spring 2017 Tech Prep Coordinator Meeting held on Thursday, March 9 from 9AM-noon in 12-116. The number of students enrolled in with the MVTPC during fall 2016 was 10,698 (as of early December 2016). Also during the fall 2016 term, there were 3,261 former Tech Prep students enrolled at Sinclair. The slides included a breakdown of MVTPC demographics (number of students by pathway/student and percentages depicting gender and ethnicity), as well as student matriculation data from 2010-2016, degrees/certificates earned by Tech Prep students by academic division, Sinclair Tech Prep scholarships awarded over the past 11 years, and finally, total scholarships and grants disbursed to Tech Prep students enrolled at Sinclair from 2005-2016.

2. Data Capture – Josiah Wahlrab, Operations Specialist (MVTPC)

- a. **End of year credit capture** – Josiah presented to the group about possible changes in the credit capture process for the spring of 2017. At the time of the meeting the process was still being developed and Josiah was seeking input/feedback from partner school administrators and teachers. The credit capture process has been posted to the MVTPC web site: <http://www.mvtechprep.org/index.cfm/resources/credit-capture-process>. Josiah is working with teachers and schools on an individual basis regarding eLearn credit capture. Grades for these courses cannot be posted unless the student gets a C or better on the proficiency test, the student verifies that they want the grade posted, and are graduating seniors.
- b. **Multiple Measures (alternative data sources for placement)** – Josiah shared that this initiative had an update in January 2017. MVTPC Director, Wendell Meyers shared the update via email to each partner school/district's Tech Prep coordinators. The new policy can be found on the MVTPC web site here: <http://www.mvtechprep.org/index.cfm/resources/college-readiness>. Josiah also shared some additional quick reference resources to help students determine what ENG and MAT courses they are eligible to take under the revised policy.
- c. **Non-Employee Account Request** – Any CTE teachers planning to offer eLearn proficiency options for their students must contact Tim Bryant timothy.bryant@sinclair.edu/937-512-2406 in the Tech Prep office for a non-employee network account form. If a teacher has already completed the form through the Tech Prep office, Tim is able to renew an account from one year to the next without the teacher completing the form again.

3. BIO 1107/1108 – Course Liaison, Mike Erbe

- a. **BIO 1107/08 end of the year wrap up** – Mike reported that course oversight with partner school teachers is working well, and that he has been actively engaged with the teachers throughout the year as they deliver the course content and test students. Since Mike has taken over as the MVTPC liaison there has been an overall increase in student success in the BIO 1107/08 course shell. It is difficult to say if student success will *surpass* last year's overall performance, but student achievement/passage rates should parallel the 2015-16 school year.
- b. **Customizing course to meet high school instructors' needs** – Mike announced that there is a big eLearn update coming though it should not disrupt the course. Several teachers indicated that there are some issues regarding picture quality for some of the dissection pictures, particularly the sheep heart dissection image. Mike asked the teachers to email him with their specific concerns so that he could look into addressing them this summer. Other than that, teachers seem pleased with the eLearn course and the fact that Mike is willing to work with them individually to customize the shells and the content/tests to meet the needs of the teachers who offer it to MVTPC students.

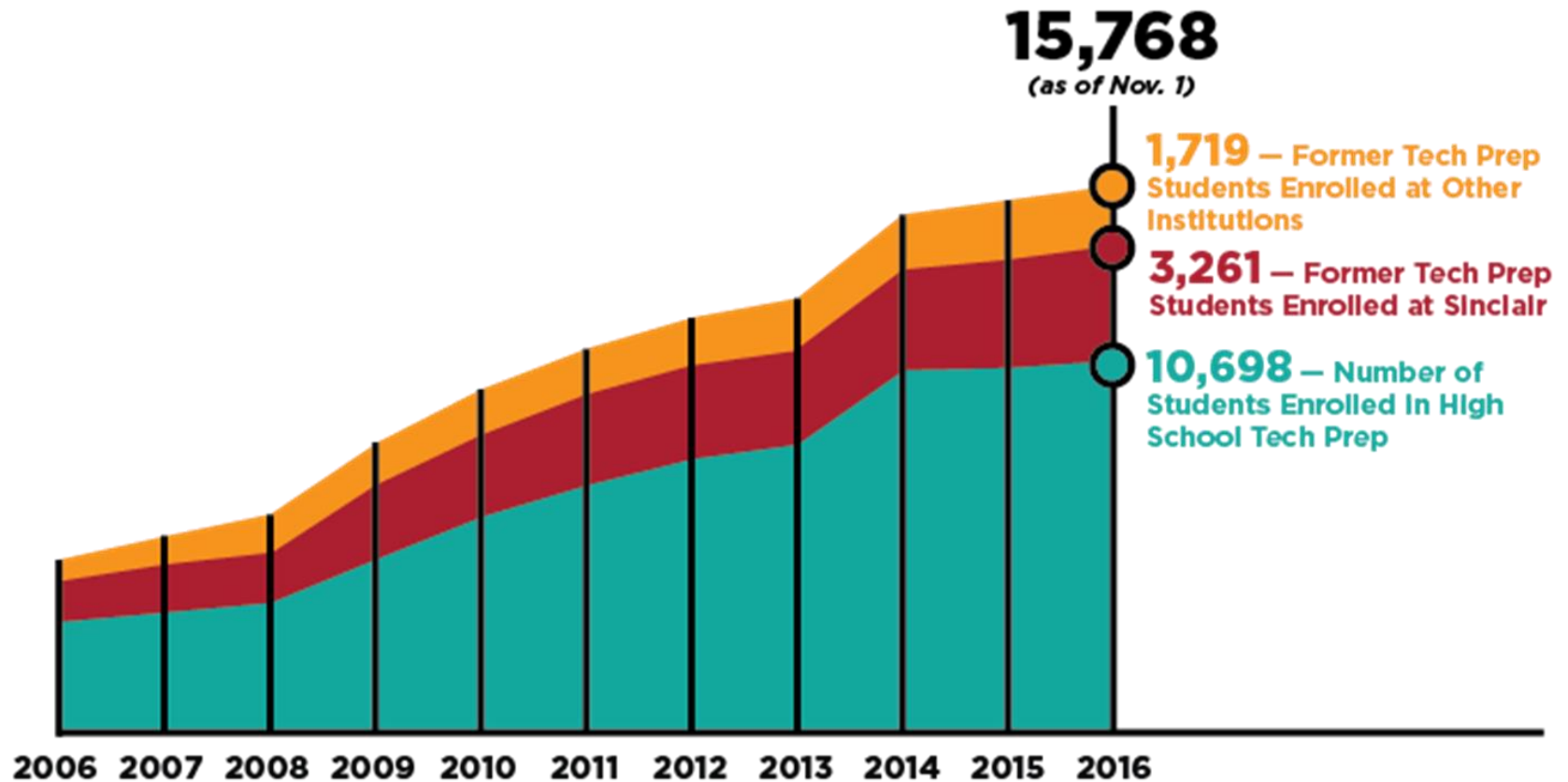
- c. **OTM status update for BIO 1107/08** – Mike shared that the OTM status for BIO 1107/08 was initially rejected by the Ohio Department of Higher Education. At this point he is unable to resubmit for OTM status, but as soon as he is able, he will give it another try. Mike will keep Jess up to date on the process and notify her when he resubmits.
4. **BTN 1110/1120 and BIO 1111 – Course Liaison, Suzzi Luken**
 - a. **End of the year wrap up for BTN 1110/1120 (proficiency option)** – Suzzi shared that she will continue to offer a proficiency exam for those teachers who wish to test their students for graded credit for those two courses; otherwise students can continue to earn articulated award credit for both courses. At this time there is no indication that any of the Medical Bioscience (Biotechnology) teachers wish to pursue proficiency credit for either course. Suzzi also shared a brief PPT with the teachers re: BTN-related information. The PPT follows the meeting minutes.
 - b. **BIO 1111 end of year wrap up** – Suzzi will working individually with the three instructors (MVCTC, Miamisburg, and GCCC-Xenia) who offer the course as a proficiency option.
 5. **Junior Career Exploration Days**
 - a. **Biotechnology Olympics – Biology Professor, Sarah Finch**

Sarah Finch joined the discussion to propose staging a Biotechnology Olympics for MVTPC partner schools that is modeled after an event that is hosted by Cuyahoga Community College. She proposed that we incorporate the event into the Junior Career Day model, but after some discussion, it was decided that an event such as this should be staged separately from the Career Day(s) hosted by the MVTPC. End of October is the target date for the event, and Sarah will reach out to Medical Bioscience (Biotechnology) teachers to invite participation. Jess will be in touch with partner school programs in early fall (August/September) to set up dates/times to host students on campus, most likely in November/December/January. She will stick with a similar rotation schedule as last year with visits to BIO/BTN, CLT, and guest speakers from industry.
 6. **Sinclair Student Services outreach initiatives and incentives**
 - a. **Onsite advising** – From the previous year, this initiative mostly changed from onsite registration to onsite advising. Sinclair student services offices will work with partner schools that have students interested in attending Sinclair in the fall, though it will *mostly* involve intense advising with “next steps” so that students have more responsibility in their future (i.e., knowing what all it takes to register, pay, withdraw, etc.)
 - b. **Buy One, Get One (BOGO) summer courses at Sinclair** – Last summer 284 students (mostly 2015 grads) registered, and of those around 50 with drew leaving a total of 234 students participating. Almost 80% completed and 74% continued on to take classes in the fall. We will be looking at spring 2017 numbers after semester ends. This year the BOGO offer is for both 2017 Tech Prep grads and 2016 Tech Prep grads. Details about the BOGO offer may be found here: <http://www.mvtechprep.org/index.cfm/gallery/bogo-2017>
 - c. **Tech Prep Express Registration** – Two dates are scheduled for Express Registration for spring 2017. Details can be found here: <http://www.mvtechprep.org/index.cfm/gallery/express-registration-days-2017>
 7. **College Transition**
 - a. **Sinclair application** – Any students who completed the Sinclair Tech Prep application fall 2015 and plan to attend Sinclair summer of 2017 or fall of 2017 must reapply to Sinclair by following this link: <https://apply.sinclair.edu/standard.cfm>. An explanation for the reapplication process may be found at www.mvtechprep.org by clicking on the “2017 Re-application Notice” link on the right-hand side of the page.
 - b. **New Sinclair/Tech Prep tri-fold** – The MVTPC office worked closely with the Sinclair Marketing Department to create a double-sided tri-fold that provides pertinent information to Tech Prep students regarding: documenting their CTE program/program teacher, Sinclair Tartan ID numbers, courses for which they may earn college credit, links to other scholarship opportunities, a complete list of degree and certificate programs offered at Sinclair, etc. These were delivered to partner schools in January and February for teachers to share with their students. They were distributed a little later than the Tech Prep office had intended. Some edits/revisions will most likely be made for the 2017-18 tri-fold, and it should be ready for CTE teachers to disseminate to students in the fall of 2017.

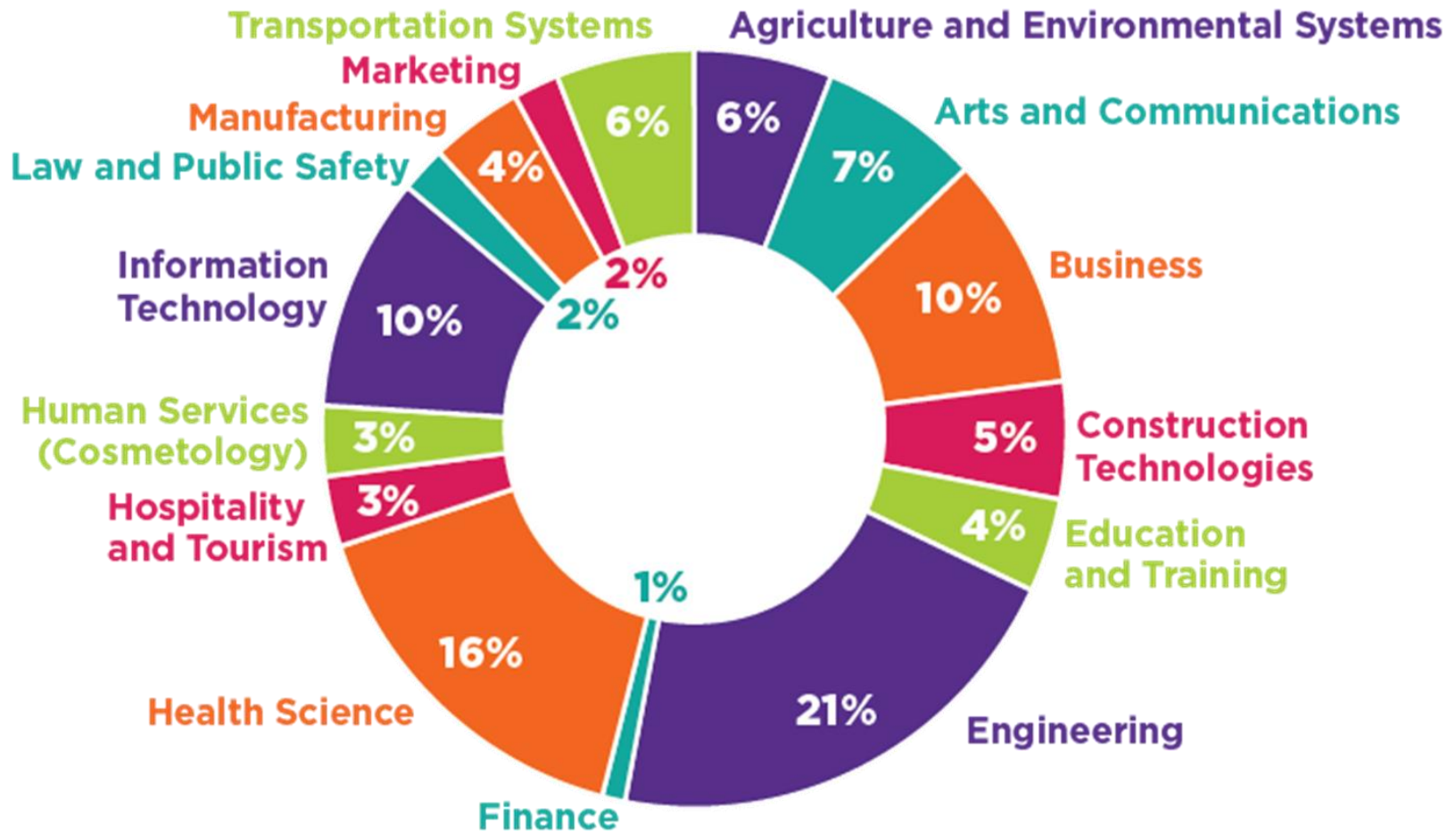
- c. **Getting Ready for College** – The 2017 Getting Ready for College (GRFC) event took place on Thursday, February 16th from 5:30PM-7:30PM, and attendance this year was at an all-time high with an estimated 600 students/family members in attendance. Next year's event is scheduled for Thursday, February 15, 2018.
 - d. **Scholarship packets** – Partner schools will receive their scholarship packets by dates requested to the MVTPC office. This typically happens in late April and continues through May.
 - e. **Ordering Sinclair transcripts** – Students may order official Sinclair transcripts by following this link: <http://www.sinclair.edu/services/basics/registration-and-student-records/student-records/transcripts>.
 - f. **University Transfer opportunities** – Students who matriculate to Sinclair have many opportunities to continue on to complete bachelor's degrees at four-year colleges and universities that have articulation/transfer agreements with Sinclair. Detailed information about these opportunities may be found here: <https://www.sinclair.edu/about/offices/provost/articulation-transfer>. For those students particularly interested in completing at Wright State or UD, there are additional web sites available detailing programs of study and special incentives for transfer students. The UD Sinclair Academy link may be found here: <https://www.udayton.edu/academy> and the Wright State Sinclair Double Degree link may be found here: <http://www.wright.edu/sinclair-double-degree>.
8. **Tech Prep Scholarship**
 - a. **Change in policy announced summer 2016** – Just a reminder that Sinclair Tech Prep scholarship recipients may use their scholarship dollars to pursue *any* degree or certificate program at Sinclair. Students may take classes at any Sinclair location or online and use their scholarship award money. Details about this summer 2016 policy change may be found here: <http://www.mvtechprep.org/index.cfm/resources/scholarship-update>
 9. **Fall Tech Prep application process** – At the time of the Summit and at the time of publishing Summit notes there are no definite changes to report, but stay tuned for any notifications from the Tech Prep office in early fall (August or September) regarding the Tech Prep student application process.
 10. **End of the year info capture processes**
 - a. **Teacher demographic information updated for 2017-2018** – If teachers anticipate any changes to their contact information (email, telephone #, job title) for the next school year, please let Jess Moore at jess.moore@sinclair.edu/937-512-5141 know so she can notify the Tech Prep data team of any updates/changes.

Miami Valley Tech Prep Update

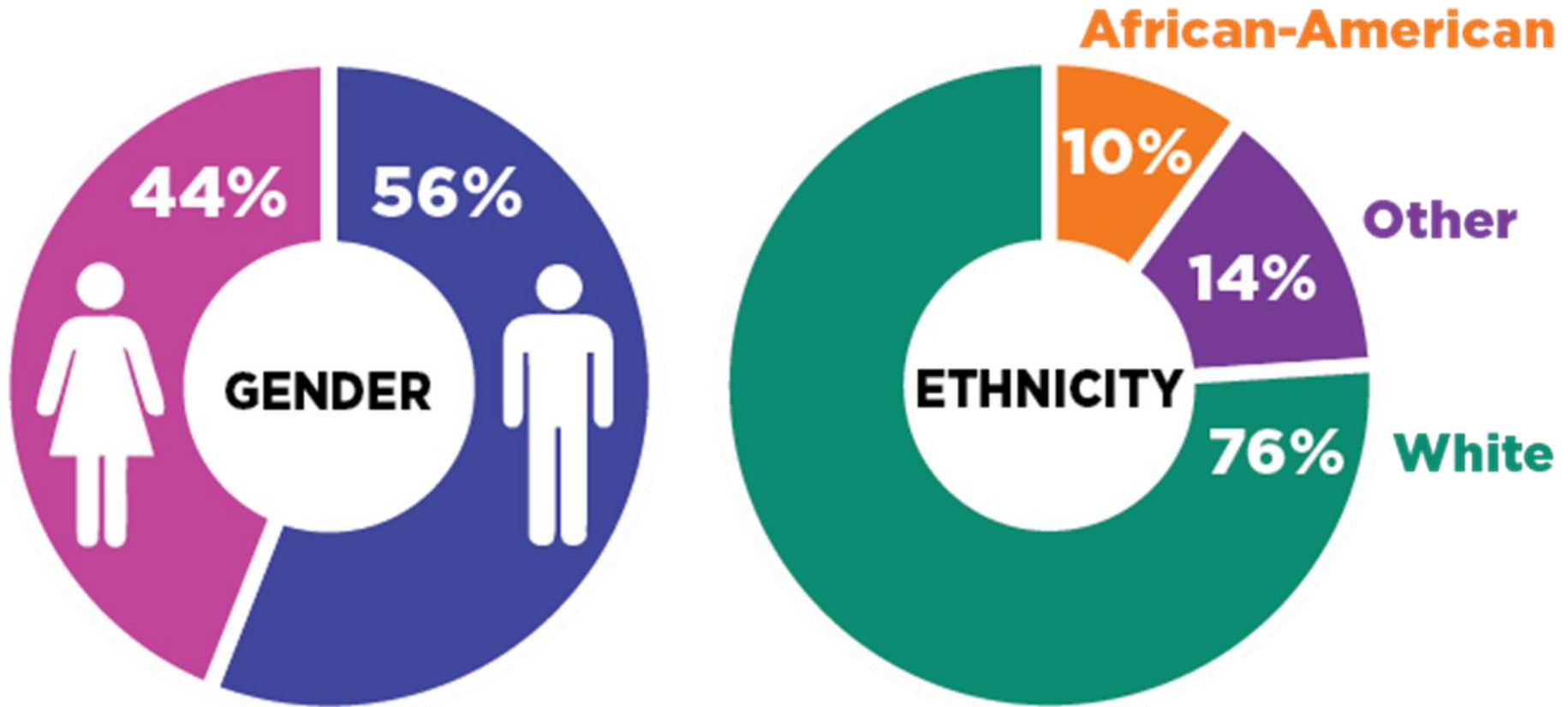
Miami Valley Tech Prep Annual Fall Student Enrollment



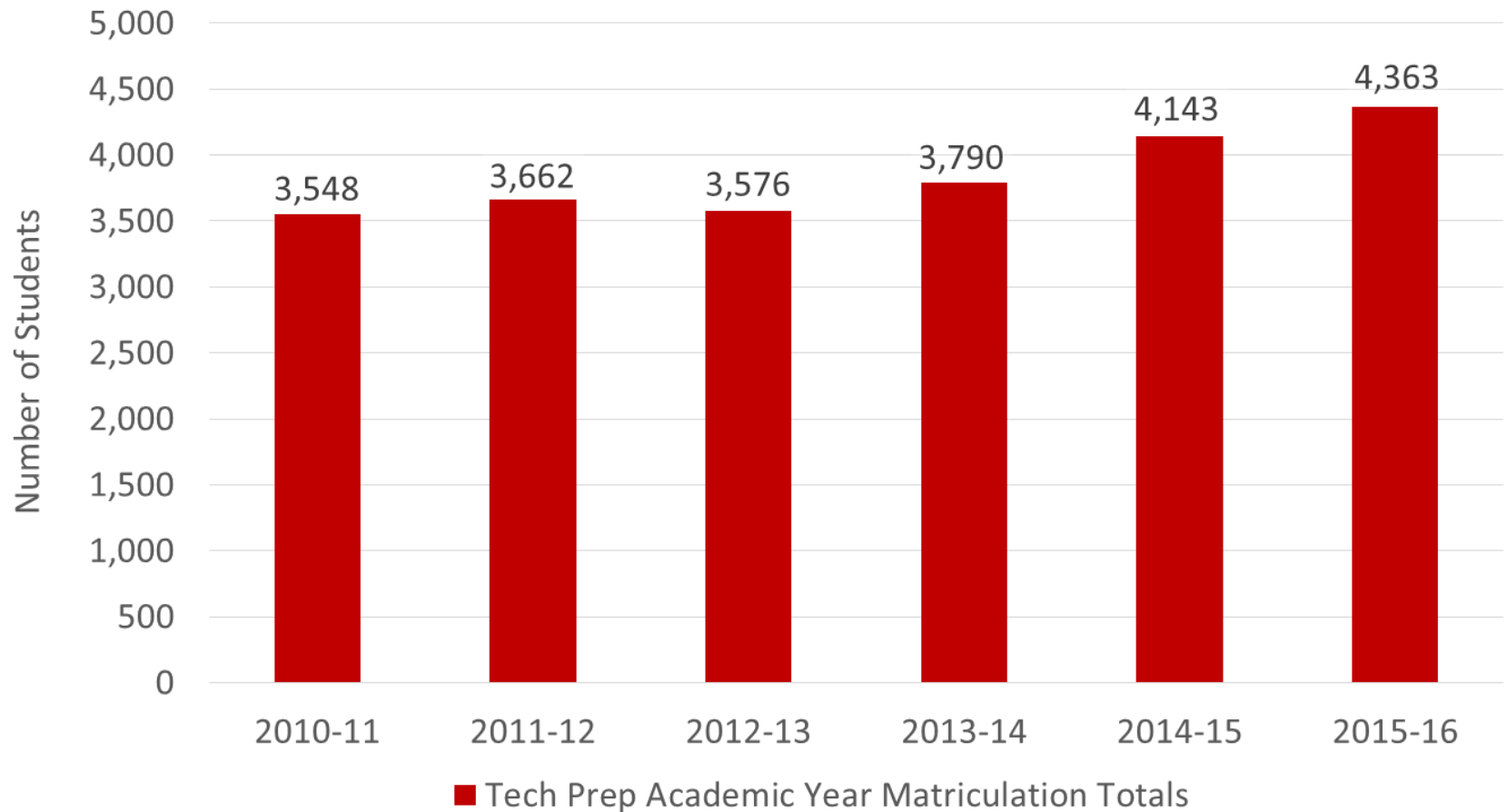
MVTPC Student Demographics



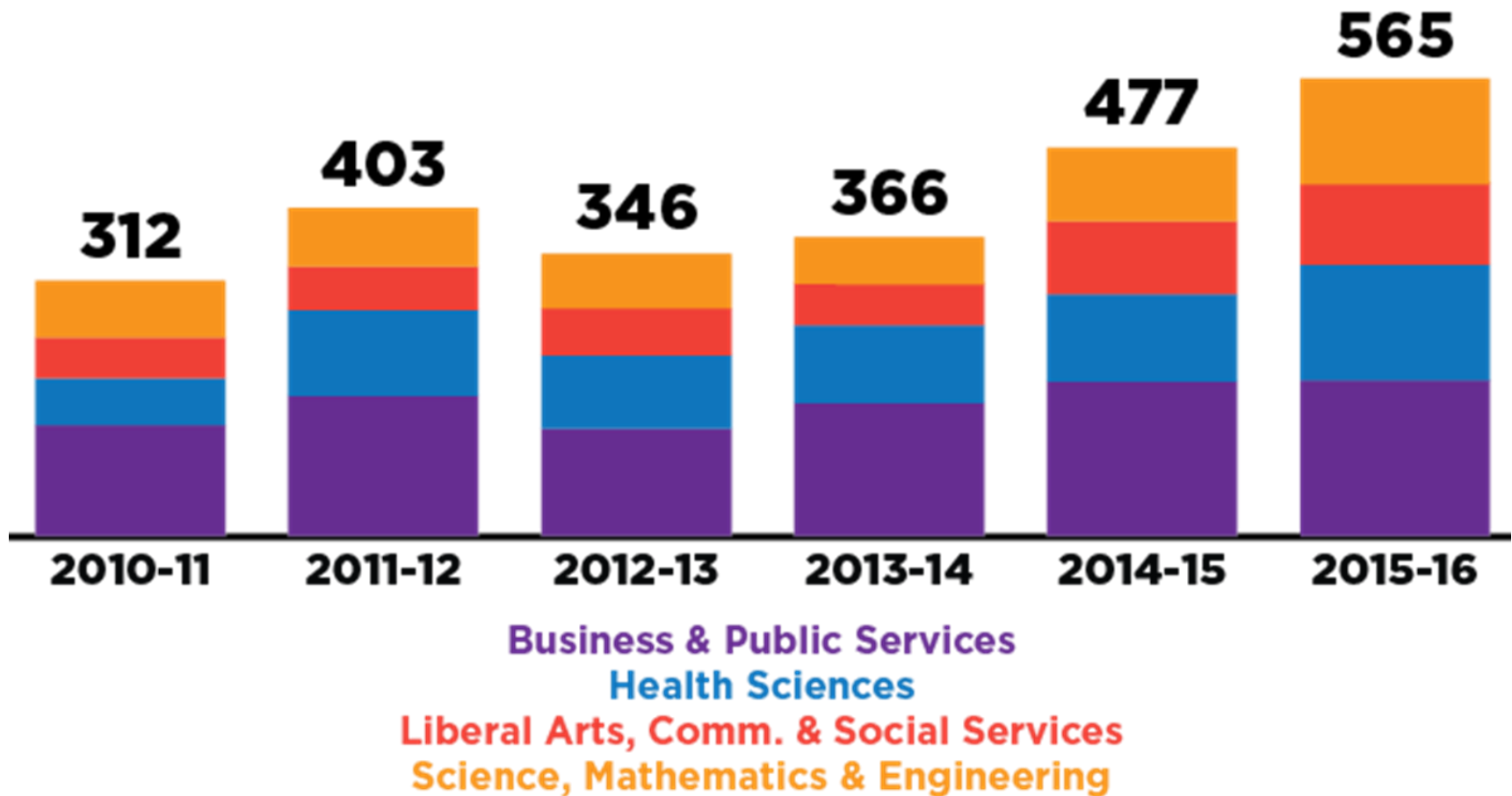
MVTPC Student Demographics



Miami Valley Tech Prep – Sinclair Student Matriculation Data

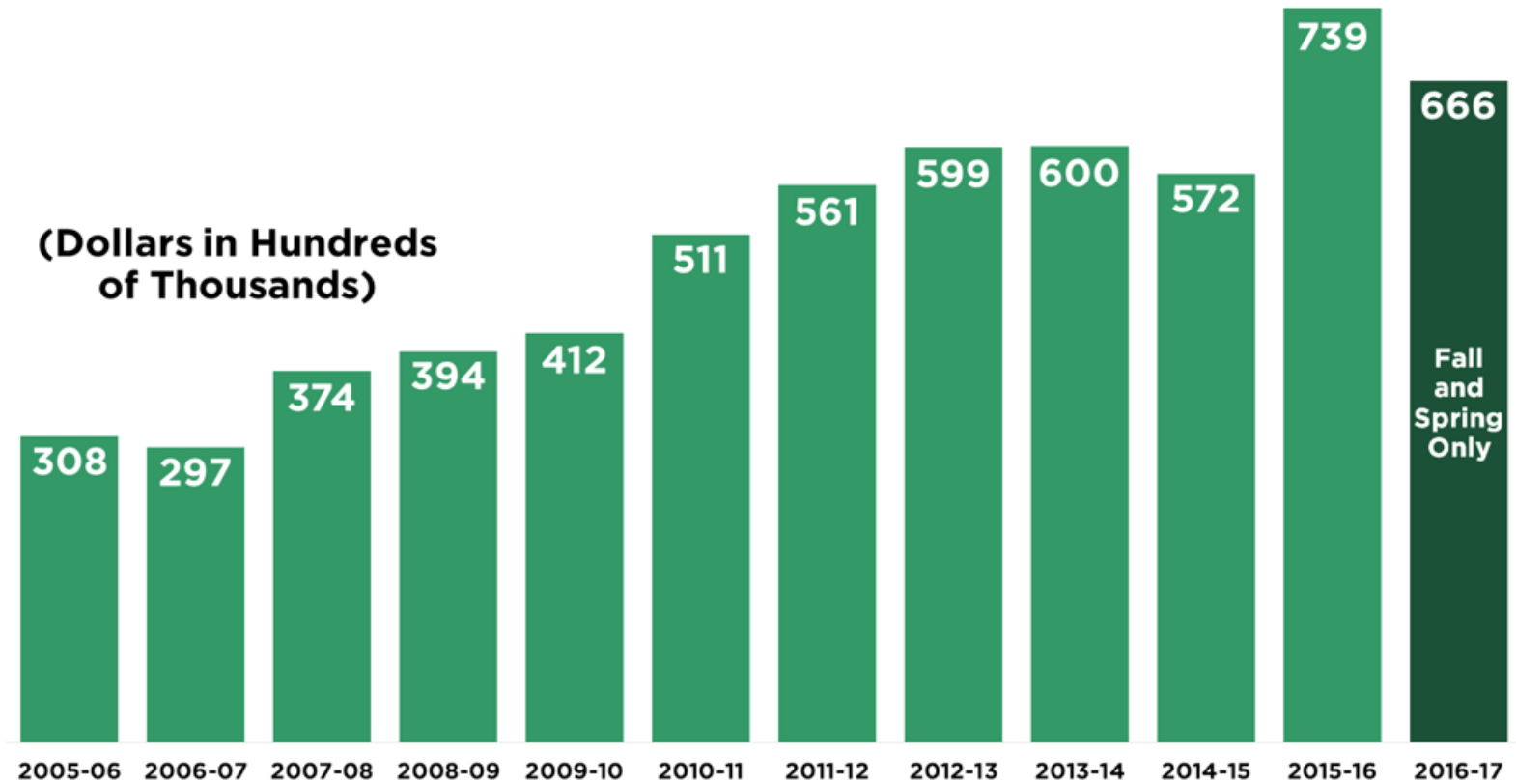


Sinclair Degrees and Certificates Earned by MV Tech Prep Students



Sinclair Foundation Miami Valley Tech Prep Scholarships

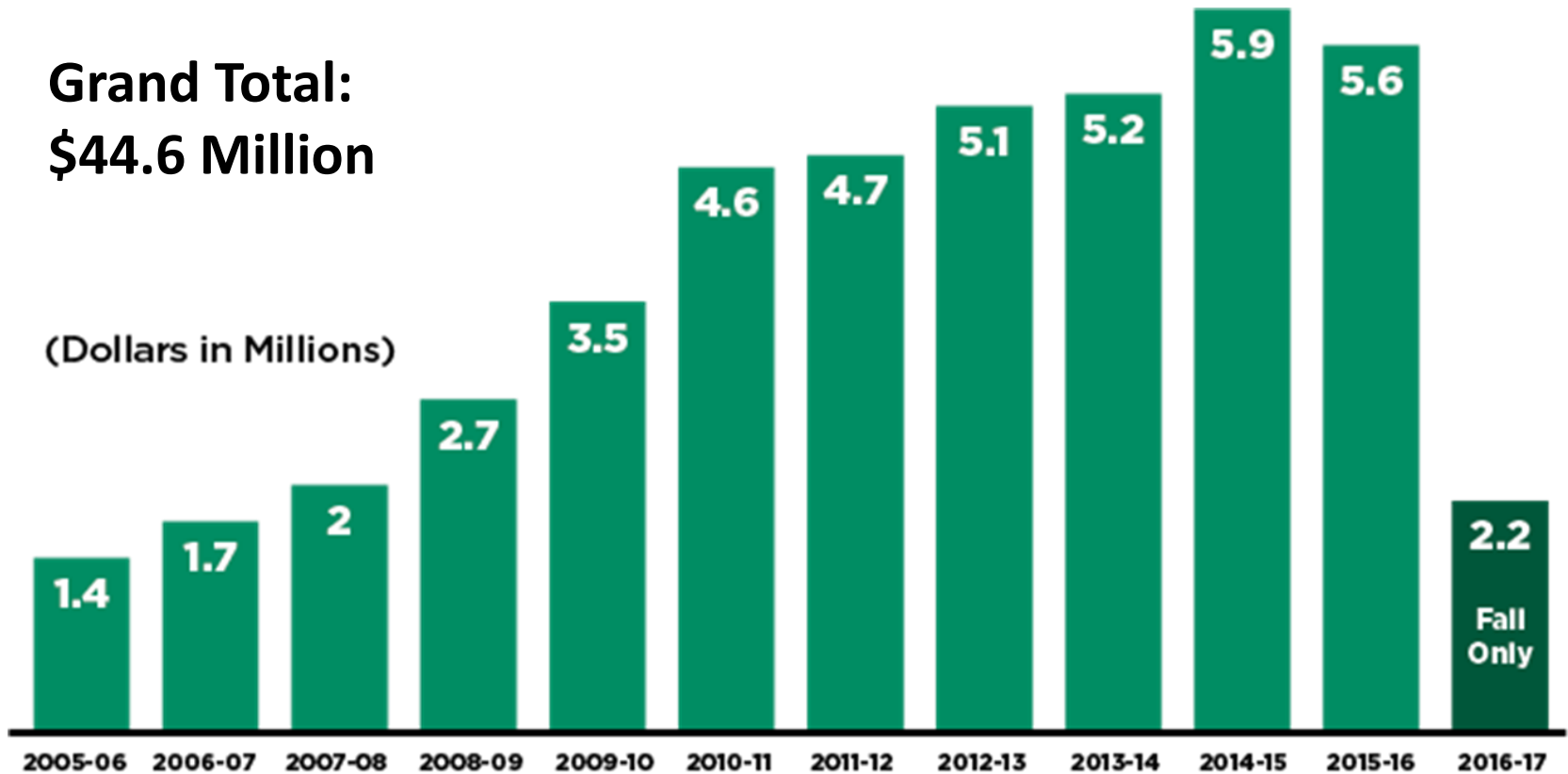
Grand Total: \$6 Million



Total Scholarships and Grants Disbursed to Miami Valley Tech Prep Students Enrolled at Sinclair

Grand Total:
\$44.6 Million

(Dollars in Millions)



SINCLAIR BIOTECHNOLOGY

Spring Summit

3/23/17

1. BLS – Bioscience Lab Skills
Short Term Certificate
2 semesters

2. BTN A. A. S. - Biotechnology
Associates of Applied Science

- Those wanting to transfer to a 4
year school should let me and their
advisor know so they can be sure to
take the correct classes.

- 4 semesters

PATHWAYS – 2 CAMPUSES



- A.A.S. in Biotechnology to a B.S. in biology with a concentration in biotechnology
- Need to take specific general education and prerequisite classes.



COLLEGE TRANSFER

- First internship started this semester
- Graduates currently employed

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JOBS & INTERNSHIPS – PROCTOR & GAMBLE

- **The Center for Tissue, Innovation and Research,** Kettering
- **Aerotek,** various
- **The Rogosin Institute,** Xenia
- **Proctor and Gamble,** Cincinnati
- **Roxane Laboratories,** Columbus
- **Advanced Testing Labs** – various



WHO HAS HIRED OUR GRADUATES?



- **WPAFB Research labs**, Fairborn
- **American Dermatopathology Lab**, Centerville
- **Cargill**, Sidney & Dayton locations
- **NanoDetection Technology**, Franklin



WHO HAS HIRED OUR GRADUATES?

- **AstraZeneca**, West Chester
- **Alkermes**, Wilmington
- **AluChem**, Cincinnati
- **UES**, various labs and WPAFB
- **Assurex**, Mason

assurex
health

AstraZeneca 

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WHO HAS HIRED OUR GRADUATES?

□ <https://crotraining.co.uk/>



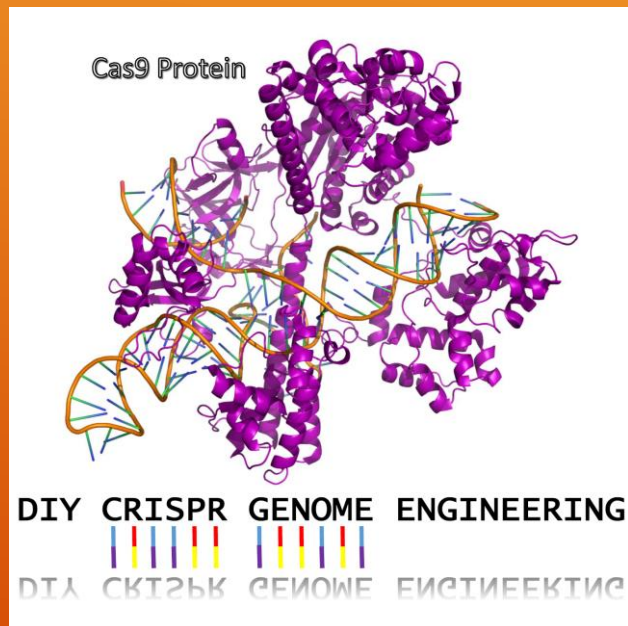
NEED MORE FOR BTN 1120?

- Up and coming Internships and entry level jobs



JOBS & INTERNSHIPS – HARDY DIAGNOSTICS

- <http://www.the-odin.com/diy-bacterial-gene-engineering-crispr-kit/>



CRISPER