Pre-College Program Descriptions

MSU College of Agriculture & Natural Resources (CANR)

1. Multicultural Apprenticeship Program (MAP)
   
   **Who:** High school students in grades 10 and 11  
   **When:** July 8–August 3, 2018  
   **Where:** MSU campus in E. Lansing  
   **What:** MAP is an engaging four-week summer experience sponsored by the College of Agriculture & Natural Resources (CANR) at Michigan State University (MSU). MAP provides high school students currently in the 10th and 11th grade the opportunity to experience college life and to explore the many exciting educational and career opportunities in the agricultural and food sciences, natural resources and related fields. Each MAP participant is matched with a CANR faculty member to work on a research project. During the four weeks, students will also participate in field trips, leadership seminars, and other educational, social and cultural activities. Students will also gain hands-on experience in laboratory and field research, and work with computers and other highly technical equipment. MAP participants live on campus in a university residence hall and eat meals in the dining hall. Participants will also receive a small stipend.  
   **Cost:** FREE  
   **Application Requirements:** 1.) Currently in grades 10-11 2.) MAP student application 3.) Essay Questions 4.) Official Transcript (including classes in progress) 5.) Two letters of Recommendation 6.) Students should have an open mind with a strong interest in science, math, and other related areas.  
   **Application Due:** April 13, 2018  
   **Contact:** Phillip Seaborn, Assistant Director of Undergraduate Diversity, 517-353-1835, seaborn@msu.edu

2. ANR Institute for Multicultural Students (AIMS)
   
   **Who:** High school students in grades 9-11  
   **When:** July 8–13, 2018  
   **Where:** MSU campus in E. Lansing  
   **What:** AIMS is a one-week summer program sponsored by the College of Agriculture and Natural Resources (CANR) at Michigan State University (MSU). AIMS provides current high school students in grades 9-11 with broad exposure to the food and agricultural sciences, natural resources and related fields. A career in agriculture or natural resources involves more than farming, including a wide variety of educational and career opportunities. During the participants' stay on campus, they participate in demonstrations, tours and other
hands-on activities designed to give a sampling of what agriculture and natural resources has to offer. Students will also have the opportunity to participate in a number of other educational, cultural and social activities.

**Cost:** FREE

**Application Requirements:**
1.) Currently in grades 9-11  
2.) AIMS student application  
3.) Essay Questions  
4.) Official Transcript (including classes in progress)  
5.) One letter of Recommendation  
6.) Students should have an open mind with some interest in science, math, and other related areas.

**Application Due:** April 13, 2018

**Contact:** Phillip Seaborn, Assistant Director of Undergraduate Diversity, 517-353-1835, seaborn@msu.edu

3. ANR Institute for Multicultural Students-Bilingual (AIMS-B)

**Who:** High school students in grades 9-11

**When:** July 22 - 27, 2018

**Where:** MSU campus in E. Lansing

**What:** AIMS-B is a one-week summer program sponsored by the College of Agriculture and Natural Resources (CANR) at Michigan State University (MSU). AIMS-B provides current high school students in grades 9-11 with broad exposure to the food and agricultural sciences, natural resources and related fields. AIMS-B is geared toward bilingual students, specifically students with a migrant background. A career in agriculture or natural resources involves more than farming, including a wide variety of educational and career opportunities. During the participants' stay on campus, they participate in demonstrations, tours and other hands-on activities designed to give a sampling of what agriculture and natural resources has to offer. Students will also have the opportunity to participate in a number of other educational, cultural and social activities.

**Cost:** FREE

**Application Requirements:**
1.) Currently in grades 9-11  
2.) AIMS-B student application  
3.) Essay Questions  
4.) Official Transcript (including classes in progress)  
5.) One letter of Recommendation  
6.) Students should have an open mind with some interest in science, math, and other related areas.

**Application Due:** April 13, 2018

**Contact:** Phillip Seaborn, Assistant Director of Undergraduate Diversity, 517-353-1835, seaborn@msu.edu

MSU College of Engineering

1. High School Engineering Institute 1 (HSEI 1) (Residential)

**Who:** High school sophomores, juniors, and seniors with a 3.0 GPA or better in engineering core courses

**When:** Sunday, June 24, 2018 – 1:00 PM to Thursday, June 28, 2017 – 7:00 PM

**Where:** MSU campus in E. Lansing

**What:** Students spend a week exploring engineering fields through lecture, hands-on activities, lab and design sessions run by faculty and student assistants from our various programs. Special sessions are also presented on diversity, cooperative education, and international education opportunities.

**Cost:** $825

**Application Requirements:** High school sophomores, juniors, and seniors with a 3.0 GPA or better in engineering core courses such as math, sciences, and technology. Transcript of a full academic year required. Attending 10th-12th grade in Fall 2018.

**Application Due:** Monday, June 4, 2018 – 11:45 PM

**Contact:** Luis Donado – (517) 353-7282 – donadoto@egr.msu.edu

2. HSEI 2 (Residential)

**Who:** High school sophomores, juniors, and seniors with a 3.0 GPA or better in engineering core courses

**When:** Sunday, July 8, 2018 – 1:00 PM to Thursday, July 12, 2018 – 7:00 PM

**Where:** MSU campus in E. Lansing

**What:** Students spend a week exploring engineering fields through lecture, hands-on activities, lab and design sessions run by faculty and student assistants from our various programs. Special sessions are also presented on diversity, cooperative education, and international education opportunities.

**Cost:** $825
**Application Requirements:** High school sophomores, juniors, and seniors with a 3.0 GPA or better in engineering core courses such as math, sciences, and technology. Transcript of a full academic year required. Attending 10th-12th grade in Fall 2018.

**Application Due:** June 19, 2018 – 11:45 PM

**Contact:** Luis Donado – (517) 353-7282 – donadoto@egr.msu.edu

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**3. HSEI 3 (Residential)**

**Who:** High school sophomores, juniors, and seniors with a 3.0 GPA or better in engineering core courses

**When:** Sunday, July 15, 2018 - 1:00 PM to Thursday, July 19, 2018 – 7:00 PM

**Where:** MSU campus in E. Lansing

**What:** Students spend a week exploring engineering fields through lecture, hands-on activities, lab and design sessions run by faculty and student assistants from our various programs. Special sessions are also presented on diversity, cooperative education, and international education opportunities.

**Cost:** $825

**Application Requirements:** High school sophomores, juniors, and seniors with a 3.0 GPA or better in engineering core courses such as math, sciences, and technology. Transcript of a full academic year required. Attending 10th-12th grade in Fall 2018.

**Application Due:** June 25, 2018- 11:45 PM

**Contact:** Luis Donado – (517) 353-7282 – donadoto@egr.msu.edu

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**4. HSEI 4 (Residential)**

**Who:** High school sophomores, juniors, and seniors with a 3.0 GPA or better in engineering core courses

**When:** Sunday, July 22, 2018 - 1:00 PM to Thursday, July 26, 2018 – 7:00 PM

**Where:** MSU campus in E. Lansing

**What:** Students spend a week exploring engineering fields through lecture, hands-on activities, lab and design sessions run by faculty and student assistants from our various programs. Special sessions are also presented on diversity, cooperative education, and international education opportunities.

**Cost:** $825

**Application Requirements:** High school sophomores, juniors, and seniors with a 3.0 GPA or better in engineering core courses such as math, sciences, and technology. Transcript of a full academic year required. Attending 10th-12th grade in Fall 2018.

**Application Due:** July 2, 2018- 11:45 PM

**Contact:** Luis Donado – (517) 353-7282 – donadoto@egr.msu.edu

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**5. Lego Robotics 1 (Commuter)**

**Who:** Students attending 4th-8th grade in Fall 2018

**When:** Monday, June 18, 2018 – 8:00 AM to Friday, June 22, 2018 – 12:00 PM

**Where:** MSU campus in E. Lansing

**What:** This is an exciting, hands-on camp that teaches students to work in teams to build and program robots using the VEX IQ System – then face off against other teams in robot vs. robot competitions.

**Cost:** $295 per participant per session

**Application Requirements:** No specific requirements other than application and attending 4th-8th grade in Fall 2018.

**Application Due:** June 14, 2018 at 11:45pm

**Contact:** Bob Watson – (517) 353-7282 – rwatson@egr.msu.edu

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**6. Lego Robotics 2 (Commuter)**

**Who:** Students attending 4th-8th grade in Fall 2018

**When:** Monday, June 25, 2018 – 8:00 AM to Friday, June 29, 2018 – 12:00 PM

**Where:** MSU campus in E. Lansing
**What:** This is an exciting, hands-on camp that teaches students to work in teams to build and program robots using the VEX IQ System – then face off against other teams in robot vs. robot competitions.

**Cost:** $295 per participant per session

**Application Requirements:** No specific requirements other than application and attending 4th-8th grade in Fall 2018.

**Application Due:** June 21, 2018 at 11:45pm

**Contact:** Bob Watson – (517) 353-7282 – rwatson@egr.msu.edu

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### 7. Lego Robotics 3 (Commuter)

**Who:** Students attending 4th-8th grade in Fall 2018

**When:** Monday, July 16, 2018 – 8:00 AM to Friday, July 20, 2018 – 12:00 PM

**Where:** MSU campus in E. Lansing

**What:** This is an exciting, hands-on camp that teaches students to work in teams to build and program robots using the VEX IQ System – then face off against other teams in robot vs. robot competitions.

**Cost:** $295 per participant per session

**Application Requirements:** No specific requirements other than application and attending 4th-8th grade in Fall 2018.

**Application Due:** July 5, 2018 at 11:45pm

**Contact:** Bob Watson – (517) 353-7282 – rwatson@egr.msu.edu

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### 8. Spartan Engineering for Teens (Commuter)

**Who:** Students attending 8th and 9th grade in Fall 2018

**When:** Monday, June 18, 2018 - 1:00 PM to Friday, June 22, 2018 – 5:00 PM.

**Where:** MSU campus in E. Lansing

**What:** Students in the program will use micro-sensors and robots while learning science, engineering, and mathematics. Working with science teachers and engineering faculty, students will design and build experiments. Students will learn about various engineering majors, be involved in short courses, demonstrations, field trips and hands-on experiments.

**Cost:** $325 per participants per session

**Application Requirements:** 3.0 GPA or better in courses such as math, sciences, and technology. Transcript of a full academic year required. Attending 8th-9th grade in Fall 2018.

**Application Due:** June 14, 2018 at 11:45pm

**Contact:** Luis Donado – (517) 353-7282 – donadoto@egr.msu.edu

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### 9. Introduction to Radar for Student Engineers (Residential)

**Who:** Students attending 11th and 12th grade in Fall 2018

**When:** Sunday, July 8, 2018 – 1:00 PM to Friday, July 13, 2018 – 5:15 PM

**Where:** MSU campus in E. Lansing

**What:** Students will work in groups to build their own radar systems by utilizing the concepts learned in short lectures, demonstrations and lab tours. Instructors from MIT and Michigan State University will focus on topics such as radar development, radio waves and ranging, radar range equations, and radar signal modeling.

**Cost:** $1500

**Application Requirements:** Students must have a GPA of 3.6 or better 2. Seniors must provide an ACT score of 28 or better, or a SAT score of 1230 or better. Please provide a transcript from a full year as well as the ACT/SAT score(s), if applicable. Attending 11th-12th grade in Fall 2018.

**Application Due:** June 18, 2018

**Contact:** Luis Donado – (517) 353-7282 – donadoto@egr.msu.edu
10. Making a Game of IT

Who: Students attending 11th and 12th grade in Fall 2018
When: Sunday, June 17, 2018 all day to Friday, June 22, 2018 all day
Where: MSU campus in E. Lansing
What: Ever wanted to learn to program? Well now you can in a week-long residential summer camp designed to teach programming skills, including building video games. It's a great way to learn problem solving, logic, and of course, coding. By the end of camp, you will be able to develop software in Python, one of the most popular programming languages, and design and implement a video game that you can play with friends, as well. Students in this summer camp will be well-prepared to enter Computer Science majors at MSU and other universities. The class is taught by Computer Science and Engineering faculty and graduate students trained in teaching interested students to program for the first time to ensure a topnotch experience.
Cost: $825

Application Requirements: High school juniors and seniors with GPA 3.0 or better in engineering core courses such as math, sciences and technology. A full year transcript. Attending 11th-12th grade in Fall 2018.
Application Due: June 7, 2018
Contact: Luis Donado – (517) 353-7282 – donadoto@egr.msu.edu

MSU College of Osteopathic Medicine

1. Future DOcs - GATE

Who: Students currently in grades 7th, 8th or 9th grade that are at least 12-years old
When: June 24 - 29, 2018
Where: MSU campus in E. Lansing
What: The purpose of this program is to foster an interest in the STEM fields, create awareness of college admission, and generate a strategy to become a successful health care professional. As a participant, students will discover the content of medical courses through demonstrations and hands-on activities, explore the options for undergraduate majors, and gain information about medical specialties. Students have the opportunity to work with physicians and community members through their participation in classes encompassing topics such as CPR, first aid, EMT, osteopathic manipulative medicine demonstrations, anatomy/physiology training, pathology, dissection, and biochemistry.
Cost: $1,500 residential, $750 commuter (includes breakfasts and lunches). Extended day is available for commuter students for an additional cost.
Application Requirements: Students must currently be in 7th, 8th, or 9th grade and be a minimum of 12 years old to apply for Future DOcs. Students must submit the following with their application:
  a.) ACT or SAT scores of at least:
     · ACT: Math 19 or Composite 20
     · SAT: Math or Reading 520 or Total 960
  b.) Recommendation Form from their current science teacher
  c.) Most recent grade report
d.) Respond to essay questions
Application Due: May 2, 2018
Contact:
  GATE – Lindsay Piso, Codispo1@msu.edu, 517-432-2129
  MSUCOM – Jessica Bilodeau, Jessica.Bilodeau@hc.msu.edu, 517-355-5207 or 517-884-1986

2. OsteoCHAMPS

Who: Students currently in grades 10th or 11th with a 3.0 GPA or higher
When: July 7 -15, 2018
Where: MSU campus in E. Lansing
What: OsteoCHAMPS (Careers in Health And Medicine Program Services) provides students a hands on opportunity to engage in a nine-day residential program to learn about careers in medicine while living on a BIG 10 university campus. They experience the following:

- Gained insight on what it is like to live and eat in a college resident hall, explore the campus and attend classes.
- Engage in academic curriculum (anatomy, biochemistry, medical research project, etc.)
- Extracurricular activities (team building, social events, mentoring opportunities)
- Experiential learning (clinical skills and osteopathic manipulative medicine)

Cost: $1,500 with institutional scholarships available

Application Requirements: current 10th or 11th grade student with 3.0 GPA or higher

Application Due: March 1, 2018

Contact: Jessica Bilodeau , Jessica.Bilodeau@hc.msu.edu , 517-355-5207 or 517-884-1986

3. Detroit Future DOcs

Who: sophomore, junior or senior in the fall of 2018 at Ben Carson, Cass Tech, MLK, Renaissance, or Southfield High Schools with a 3.0 or higher GPA

When: 6-8 Saturdays in October – November 9:00am – 12:00pm

Where: MSU College of Osteopathic (MSUCOM) medical college in Detroit

What: The Future DOcs program includes enrichment activities held on Saturdays at MSU College of Osteopathic (MSUCOM) medical college in Detroit over an eight-week period. The participants experience the following:

- Introduction to medical related academic curriculum (anatomy, medical research project, etc.)
- Extracurricular activities (team building and mentoring opportunities)
- Experiential learning (clinical skills and osteopathic manipulative medicine)

Cost: FREE

Application Requirements: sophomore, junior or senior in the fall of 2018 at Ben Carson, Cass Tech, MLK, Renaissance, or Southfield High Schools with a 3.0 or higher GPA

Application Due: 6-8 Saturdays in October – November 9:00am – 12:00pm

Contact: Jessica Bilodeau , Jessica.Bilodeau@hc.msu.edu , 517-355-5207 or 517-884-1986

MSU Extension 4-H Youth Development

1. 4-H Capitol Experience

Who: High school youth ages 14 and up (as of January 1, 2018) *limited to 130 youth*

When: April 15-18, 2018

Where: MSU campus in E. Lansing

What: http://www.canr.msu.edu/4_h_capitol_experience/

4-H Capitol Experience is an annual 4-day conference that focuses on civic engagement and public policy. Up to 130 teens from around the state converge on Lansing, Michigan to experience state government in action and learn how they can influence policy issues. Participants interact with legislators, state agency staff, lobbyists and other resource people to learn how policy is made. Attendees will:

- Understand the responsibilities of a citizen
- Explore different aspects of a policy issue that may affect individuals and communities
- Explore various careers in public policy
- Attend bill writing session
- Have an in-depth meeting with someone in (or involved with) state government

Cost: $350 ($370 for non 4-H members)- limited partial scholarships are available
2. 4-H Exploration Days

**Who:** For youth 11-19 years of age (as of January 1, 2018)  
**When:** June 20-22, 2018  
**Where:** MSU campus in E. Lansing  
**What:** [http://www.canr.msu.edu/4_h_exploration_days/](http://www.canr.msu.edu/4_h_exploration_days/)

There will be more than 200 session choices held on and off campus. You’ll choose one or two for your three-day stay. You’ll live in a Michigan State University dorm and eat in the cafeteria—just like MSU students do. Sessions are taught by people who know their stuff, including MSU faculty members, 4-H volunteers and staff members and other experts. It’s not all sessions! There’s plenty of time for fun, including swimming, skating, souvenir shopping, exploring, bowling, basketball—even a great dance Thursday night.

**Cost:** $165 - ($185 for youth who are not 4-H members) includes all meals & lodging.  
**Application Due:** Opens mid-March 2018

3. 4-H Renewable Energy Camp

**Who:** For youth 13-19 years of age (as of January 1, 2018)  
**When:** July 23-27, 2018  
**Where:** MSU campus in E. Lansing  
**What:** [https://www.canr.msu.edu/4_h_renewable_energy_camp/](https://www.canr.msu.edu/4_h_renewable_energy_camp/)

Provide experiences that enable youth to explore new and innovative ideas and uses surrounding bioenergy. Youth will: conduct their own experiments, create their own biofuel and take home sample, interact with the MSU Solar Powered Car Racing team, collect data in field trials, tour an ethanol plant and wind farm, interact with leading scientists and engineers, compete in an engineering design challenge, tour the MSU Breslin Center and so much more!

**Cost:** $200 - ($220 for youth who are not 4-H members)  
**Application Due:** May 29, 2018 Online

4. 4-H Animal & Veterinary Science Camp

**Who:** Teens ages 13 -16 (as of January 1, 2018)  
**When:** June 25-29, 2018  
**Where:** MSU campus in E. Lansing  
**What:** [https://www.canr.msu.edu/4_h_animal_veterinary_science_camp/](https://www.canr.msu.edu/4_h_animal_veterinary_science_camp/)

Michigan 4-H Animal and Veterinary Science Camp is for youth who are interested in exploring animal and veterinary science related projects and activities. This five-day pre-college program held at Michigan State University (MSU) is a partnership with the Michigan 4-H Youth Development, MSU Department of Animal Science and MSU College of Veterinary Medicine. Youth will explore fields relating to animal and veterinary medicine as well as participate in numerous hands-on learning activities.

**Cost:** $350 - ($370 for youth not in 4-H)  
**Application Requirements:** Short answer and required signature forms

5. 4-H Great Lakes & Natural Resources Camp

**Who:** Teens aged 13 to 15 during the camp, or who are going into 8th-10th grades in the fall.  
**When:** August 5th-18th, 2018  
**Where:** Camp Chickagami in Presque Isle  
**What:** [https://www.canr.msu.edu/4_h_great_lakes_natural_resources_camp/](https://www.canr.msu.edu/4_h_great_lakes_natural_resources_camp/)

Go charter fishing, snorkeling or sailing! Hike through forests! Wade through wetlands! Explore dunes! These are just a few of the exciting activities you can do at 4-H Great Lakes and Natural Resources Camp. Enjoy all of the usual fun camp activities, but also learn about science in interesting, hands-on ways (yes, it’s OK to learn during the summer). Learn about our Great Lakes and the issues they face. You’ll know about environmental concerns and how to be a good environmental steward to protect our state’s great natural resources.
Cost: $375 - ($395 for youth not in 4-H)
Application Requirements: Short answer and required signature forms

MSU Gifted and Talented Education (GATE)

Contact Info:
Gifted and Talented Education office
517-432-2129
gifted@msu.edu

1. Future Docs

Who: Students currently in grades 7-9; ACT Math: 19 or ACT Composite: 20; OR Old SAT Math or Reading: 470 or SAT Total of 900; OR New SAT Math: 510 or Total: 1000; teacher recommendation; most recent report card
When: June 24-29, 2018
Where: MSU campus in E. Lansing
What: A one-week program for students with a strong interest in science who want to learn more about becoming a doctor, nurse, pharmacist, or other health care professional. Students will discover the content of medical courses through demonstrations and hands-on activities, explore the options for undergraduate majors, and gain information about medical specialties. Held at the MSU College of Osteopathic Medicine
Cost: There is a $100 non-refundable application fee. Tuition for residential students is $1,500. Tuition for commuter students is $750.
Application Due: Wednesday, May 2, 2018

2. CSI and Forensic Science

Who: Students currently in grades 7-9; ACT Math: 19 or ACT Composite: 20; OR Old SAT Math or Reading: 470 or SAT Total of 900; OR New SAT Math: 510 or Total: 1000; teacher recommendation; most recent report card
When: June 24-29, 2018
Where: MSU campus in E. Lansing
What: A one-week program that gives students insight into what it takes to be a crime scene investigator through interacting with forensic science professionals in a variety of specialties. Students will apply their investigative skills and creativity to analyze mock crime scenes using real forensic science equipment.
Cost: There is a $100 non-refundable application fee. Tuition for residential students is $1,500. Tuition for commuter students is $750.
Application Due: Wednesday, May 2, 2018

3. GUPPY: Gifted University for Parents and Precocious Youth

Who: Students currently in grades 3-6; PSAT 8/9 Math 410 OR Reading 410 OR NNAT 90th Percentile (Grades 3-4 only) OR IOWA 95th Percentile. NWEA 95th Percentile. MSTEP Level 4.
When: June 30 – July 1, 2018 (Grades 3 – 4); June 29 – July 1, 2018 (Grades 5 – 6)
Where: MSU campus in E. Lansing
What: GUPPY is designed for young gifted and talented students to come to Michigan State University and interact with faculty and staff in a variety of accelerated exploratory education presentations and hands-on experiences. Parents will have separate sessions to learn about gifted education. Families living a distance from campus MUST accompany their students and may stay overnight at a prearranged local hotel.
Cost: There is no application fee. Tuition is $275 (Grades 3 – 4); $350 (Grades 5 – 6). Hotel cost is additional (for out of town families).
Application Due: Wednesday, May 2, 2018
4. MST@MSU: Math, Science, and Technology

**Who:** Students currently in grades 7-8; ACT Math: 18 ACT OR Composite: 19; Old SAT Math or Reading: 460 OR SAT Total: 880; OR New SAT Math: 500 or Total: 980; teacher recommendation; most recent report card  
**When:** July 8 – 13, 2018  
**Where:** MSU campus in E. Lansing  
**What:** A one-week commuter and residential program intended for academically talented students. Students choose from a variety of classes and workshops according to their interests. They learn in a university setting that combines lecture, discussion and hands-on learning.  
**Cost:** There is a $100 non-refundable application fee. Tuition for residential students is $1,500. Tuition for commuter students is $750.  
**Application Due:** Wednesday, May 2, 2018

5. MSTL@MSU: Math, Science, Technology and Leadership Camp

**Who:** Students currently in grades 9-10; ACT Math: 20 ACT OR Composite: 21; Old SAT Math or Reading: 480 OR SAT Total: 920; OR New SAT Math: 520 or Total: 1020; teacher recommendation; most recent report card  
**When:** July 8 – 20, 2018  
**Where:** MSU campus in E. Lansing  
**What:** A two-week commuter and residential program intended for academically talented students. Students will choose two STEM courses, as well as one Leadership Workshop, which is designed to introduce students to concepts and skills required to be a leader in STEM fields.  
**Cost:** There is a $100 non-refundable application fee. Tuition for residential students is $1,950. Tuition for commuter students is $995.  
**Application Due:** Wednesday, May 2, 2018

6. CHAMP - Novi & ISHALL - Novi

**Who:**  
**CHAMP Requirements**  
- Students currently in grades 7-9  
- ACT Math: 21 & ACT Composite: 23 OR Old SAT Math: 530 & SAT Total: 1010 OR New SAT Math 560 & SAT Total: 1090  
- Teacher Recommendation  
- Most recent report card  
- Online diagnostic test  

**ISHALL Requirements**  
- Students currently in grades 7-9  
- ACT English: 21 & ACT Critical Reading: 22 OR Old SAT Critical Reading: 520 OR New SAT Evidence-Based Reading & Writing Score: 560  
- Teacher Recommendation  
- Most recent report card  
- Online diagnostic test

**When:**  
**ISHALL 1 and CHAMP 1**= September 2018 to May 2018, during the academic year  
**ISHALL 2 and CHAMP 2**= September 2019 to May 2020, during the academic year  
**Where:** MSU Tollgate Center located at 28115 Meadowbrook Road, Novi. Conveniently located at the northwest corner of 12 Mile and Meadowbrook Road near the M-5 interchange, in Novi  
**ISHALL Day and Time:** Mondays 4-6p.m. and weekly workshops  
**CHAMP Day and Time:** Mondays 6-8:30p.m. and weekly workshops  

**What:** CHAMP Math and ISHALL English programs are designed for gifted students in grades 7-9. In two years, CHAMP and ISHALL students will complete the content required for Michigan high school graduation and meet the Common Core National Standards for Math and English at an accelerated pace.  
- Classes will be held at the Tollgate Education Center in Novi.  
- Student progress is measured through weekly homework assignments, quizzes and texts.  
- Mid-term and final evaluations are sent to each student’s family and school.
• Students from all areas surrounding Novi are welcome.
• Information meeting to be held in March 5th, 2018. RSVP online at: www.gifted.msu.edu/novi2018info

Cost: Tuition is $1,500 per year. First year pay a non-refundable reservation fee of $100 upon acceptance. Returning Year 2 students do not submit a new application, but must pay a non-refundable $50 reservation fee. $100 facility fee for off-campus programs. Other costs - books for ISHALL; graphing calculator preferably TI-83+ for CHAMP.
Application Due: Wednesday, May 2, 2018

7. LEAF: Langue pour Étudiants Avancés de Français

Who: Students currently in grades 7-9; ACT English: 21 & ACT Critical Reading: 22; OR Old SAT Critical Reading: 520; OR New SAT Evidence-Based Reading and Writing Score: 560; teacher recommendation; most recent report card
When: LEAF 1: September 2018 – May 2019
LEAF 2: September 2019 – May 2020
Where: MSU campus in E. Lansing
What: Students with a passion for French language and culture can complete four years of high school French curriculum in just two academic years. LEAF has a small classroom environment, intended to allow time for plenty of speech practice and individualized attention. In LEAF 2, students will prepare with their instructors to take the AP French Exam.
Cost: There is a $100 non-refundable reservation fee for Year 1 Students. Returning Year 2 students do not submit a new application, but must pay a non-refundable $50 reservation fee. Tuition for students is $1,500. Other costs - $100 technology fee for this hybrid program.
Application Due: Wednesday, May 2, 2018

8. ALL: Amo Linguae Latinae (I Love Latin)

Who: Students currently in grades 7-9; ACT English: 21 & ACT Critical Reading: 22; OR Old SAT Critical Reading: 520; OR New SAT Evidence-Based Reading and Writing Score: 560; teacher recommendation; most recent report card
Where: MSU campus in E. Lansing
What: Every semester of the program would correspond with one year of high school Language Arts/Latin emphasizing development while refining reading and writing skills. Discussion of language will be anchored in Roman and medieval culture, as well as regular conversations about linguistics and the role Latin has played in the development of the English language. Students will take the National Latin Exam at the end of each year, and the AP Latin Exam.
Cost: There is a $100 non-refundable reservation fee for Year 1 Students. Returning Year 2 students do not submit a new application, but must pay a non-refundable $50 reservation fee. Tuition for students is $1,500. Other costs - $100 technology fee for this hybrid program; Assigned books for ALL.
Application Due: Application period will be January – May 2019

MSU TRiO Student Support Services

Who: First generation college students
When: On going basis
Where: MSU campus in E. Lansing
**What:** TRiO Student Support Services (SSS) is designed for students who have the potential to achieve and maintain high levels of academic excellence. SSS participants are recognized leaders and are involved in professional development, personal growth experiences, and community engagement activities. Through the SSS program, students are introduced to university resources, faculty and administrators, dedicated peer mentors and committed program professionals. SSS offers tutoring, academic skills development, and specialized services to assist students in developing necessary skills and strategies to succeed in college.

**Cost:** All services are FREE and available to any student who completes the application, qualifies under federal guidelines, and is invited into the program.

**Application Requirements:** Please note; you only have to meet one of these qualifications

1. You are a first-generation college student
2. Your annual household income falls below a certain threshold
3. You have a documented disability

**Application Due:** TRiO applications will be accepted on a rolling basis.

**Contact:** TRiO SSS is Online! Find our application and more at: trio.oss.msu.edu

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**Resources for College & Career Readiness**

**Beat the Streets Detroit (BTS Detroit)**

**Who:** Patton Park Recreation Center – students 7 to 14 years old; Williams Recreation – students 7 to 14 years old; Warren Lincoln High School – Middle School and High School; Mumford High School – 7th and 8th grades and High School

**When:** Patton Park Recreation Center – January 23, 2018 to April 24, 2018, Tuesdays from 4:00 to 6:00 pm. Please see btsdetroit.org for additional times and locations. Fall Schedules will be announced late summer.

**Where:** Patton Park Recreation Center

**What:** The BTS Detroit program is an afterschool program designed to give students a positive environment and outlet via the sport of wrestling. Normally, practices are between 2-3 times per week. Additional features are financial incentives/literacy, wrestling clinics, experienced and accomplished coaches, tutoring, healthy living and STEM discussions.

**Cost:** Free to participants. Recreation Centers may require memberships (Scholarships available)

**Application Due:** Rolling admissions. Please see website for application.

For more information, please see btsdetroit.org

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**Detroit Parent Network (DPN)**

Detroit Parent Network is a network of parents working to build and engage parents and others to ensure every child has a champion. Our core programming, DPN Academy, engages parents to develop leadership, advocacy, and other critical parenting skills. We also offer Parent Groups, which bring together parents with shared experiences and perspectives to discuss critical issues and hear inspiring speakers. In addition, we offer a number of workshops and events that engage and support parents and their children.

**Contact:** Detroit Parent Network, 726 Lothrop Rd, Detroit MI 48202, emailus@detroitparentnetwork.org,(313) 309-8100, http://www.detroitparentnetwork.org
MSU Community Music School - Detroit (CMS-D)

Michigan State University’s College of Music expanded its music education and music therapy offerings to children and youth in Detroit as part of a wider University effort to share faculty expertise and resources with the city’s residents. CMS-Detroit programs are offered in response to the community’s desire for enhanced music education and performance opportunities. The programs are built on the knowledge that exposure to music dramatically enhances learning, life skills, cognitive development, social awareness, and problem solving—all skills that are transferable and necessary in these changing economic times.

Contact: Jill Woodward, Director, 313-578-9717 - office phone, woodwa74@msu.edu - email, www.cms.msu.edu/detroit

The Pro:Up App

The Pro:Up App is a FREE mobile-friendly website that’s designed to help high school students prepare for college and careers by delivering a custom feed of highly valuable educational and enrichment opportunities. Students, parents, and counselors all use Pro:Up to access local jobs, internships, pre-college programs, volunteer experiences, and more! Above all, opportunities are about who you know, now you just need to know Pro:Up.

Contact: Justin F. Cook, Co-Founder & Marketing VP of The Pro:Up App, (o) 313-687-4865, (c) 313-285-0752

State of Michigan Department of Natural Resources
Michigan State Park Urban Outreach Program

Under direction of the Michigan Department of Natural Resources, the State Park Stepping Stones Program provides resource-based outdoor educational skills clinics and activities to visitors at several state parks in Michigan. Outreach Guides plan and conduct these activities with training and materials provided by the Explorer Program. Seasonal positions are available in southeast Michigan.

Job Duties: Outreach Guides research, prepare, and present program topics based on the facilities and natural features of their assigned parks. Guides are responsible for teaching outdoor skills such as fishing, archery, camping, nature exploration and water studies. Training is provided at the beginning of the season so that all Outreach Guides can become familiar with the equipment, program requirements, and safety skills.

Education/Experience: Applicants must have a high school diploma. College coursework or previous experience working in natural sciences, education, or parks & recreation is recommended. Applicants should also be able to comfortably work in an outdoor setting, have the ability to present public programs, have a positive work attitude and be able to work independently.

Schedule: 40 hours/week. Positions begin with training in late May or early June & continue through the summer, ending approximately mid-August, depending on location.

Pay: $9.25/hour
To Apply: Submit a resume and DNR Employment Application (available online or at any state park office) to Explorer Program Coordinator, Michigan DNR, 20145 Beck Rd, Northville, MI 48167. Interviews will be held at various locations in March and April until all positions are filled.

Contact Information: Currently, Urban Outreach programs are being conducted at the following state parks: Maybury, Belle Isle, Proud Lake, Island Lake, Holly, Bay City, Sleepy Hollow and Hoffmaster. For more information, call 248-349-3858 or email the Explorer Program coordinator at DNR-ExplorersProgram@michigan.gov

Western Michigan University

Scholarships and financial aid are necessary to help fund your child's educational and enrichment opportunities. Will provide five tips to help parents and students obtain financial assistance and scholarships.

Contact: Doreen M. Odom, Metro Detroit Community Outreach Coordinator, Western Michigan University PreCollege Programs, 269.599.2496 - office/cell phone
www.wmich.edu/precollege