



2015 REPORT ON

PRE-COLLEGE PROGRAMS

PRE-COLLEGE COMMITTEE

Advancing Knowledge and Transforming Lives
of Pre-College Youth for Eventual College Success

MICHIGAN STATE
UNIVERSITY



About the Pre-College Committee

The Pre-College Committee at MSU is composed of program directors, coordinators, and senior administrators who work to coordinate the activities of pre-college programs. The Committee supports and elevates these programs through dissemination of best practices, sharing of resources, and professional development. The committee holds regular meetings. For more information about the Committee, visit our website (spartanyouth.msu.edu/precollege) or send an email to pccomm@msu.edu.

MSU pre-college programs are:

- Designed to educate pre-college age students
- Offered and delivered by MSU faculty and staff or under the guidance of MSU representatives
- Intense in their level of content and number of intentional contact hours
- Purposeful in exposing students to potential careers and academic programs, particularly at MSU



Summary of 2015 Activities

Michigan Pre-College and Youth Outreach Conference

The 8th annual Michigan Pre-College and Youth Outreach Conference was held at the University of Michigan on November 15 and 16, 2015. More than 240 participants from across Michigan and as far away as Georgia were in attendance. The pre-conference workshop on Sunday the 15th was led by representatives from the College Board and addressed the new state SAT requirements. Conference sessions on the 16th focused on a theme of "Pumping the Pipeline: Advancing Access to College and Careers." The keynote, plenary, and over 30 contributed talks featured issues such as increasing participation in STEM, partnerships, and promising practices.

The 2016 Michigan Pre-College and Youth Outreach Conference will be hosted by Michigan State University in East Lansing, November 14, 2016.

National Pre-College Programming Workshop

On September 28, 2015, a Pre-College Programming Workshop was organized for the first time as part of the Engagement Scholarship Consortium Annual Conference held at State College, Pennsylvania. This workshop included directors, administrators, and staff from diverse precollege programs at institutions of higher education across the country. Participants brought to the workshop their own insights and experiences, which were bolstered by workshop presentations from high profile speakers, including Marcus Whitehurst, Vice Provost for Educational Equity, Penn State; Carol Fleming, Interim Assistant Vice Provost of Outreach and Engagement, James Madison University; and Susan Sheth, Director, Gifted and Talented Education, Michigan State University.

The 2016 Pre-College Programming Workshop (PCPW) will again be held as part of ESC's pre-conference activities. This year's ESC conference will be hosted by the University of Nebraska - Omaha. The PCPW is scheduled for October 10; the conference runs October 11-12.

Minimum Operational Requirements Update

2015 marked the first full year of implementation of MOR guidelines into MSU pre-college programs. The template and handbook were developed by MSU pre-college program coordinators and directors throughout 2014. The Committee, along with the leadership team, continues to maintain the handbook, ensuring that policies and procedures are up to date. The Office of General Counsel is currently working with the Committee to establish appropriate procedures for collecting and using student data as it pertains to each program and an amendment to the handbook will be updated.

Mental Health Workshop

A mental health workshop, "Identifying, Addressing, and Promoting Student and Adolescent Mental Health Wellness," was held on March 25, 2015, at the Diagnostic Center for Population and Animal Health. This half-day professional development workshop, open to MSU's academic community, was organized in partnership with University Outreach and Engagement, Admissions, the Associate Provost for Undergraduate Education, General Counsel, Clinical Psychology, and MSU Counseling Center. This inaugural workshop drew 57 participants campus-wide and comprised presentations and panel discussions focusing on identifying, addressing, and promoting student and adolescent mental health wellness.

Participants received a certificate for attending the workshop. Presentations from the workshop are archived under the Pre-College Committee Resource Page of Spartan Youth Programs: spartanyouth.msu.edu/precollege/resources.aspx

Leadership Team

Zach Constan rejoined the Leadership Team this year, after a three-year term from 2010-2013. He runs outreach for MSU's National Superconducting Cyclotron Laboratory, coordinating the Physics of Atomic Nuclei high school camp and contributing to GATE's MST@MSU middle-school camp. Having managed logistics for the 2012 Michigan Pre-College and Youth Outreach Conference at the Kellogg Center, he looks forward to organizing the 2016 Conference as it returns to campus.

Scholarships

- **94** applications were submitted for the Pre-College Admissions Scholarship
- **63** scholarships were awarded across 9 MSU pre-college programs

Pre-College Program Participation to College Enrollment

Between 2009 and 2015, there were **5,315** individual prospects participating in a multitude of pre-college programs. Of these prospects, **2,656** went on to apply to Michigan State University. From there **997** were admitted and **944** of those admitted went on to enroll at MSU.

The 944 students entered the following majors:

11 Accounting	12 Finance	4 Political Science – Prelaw
3 Actuarial Science	6 Fisheries and Wildlife	4 Pre dental
7 Advertising	1 Food Industry Management	35 Premedical
43 Agribusiness Management	8 Food Science	30 Prenursing
8 Agriculture and Natural Resources – No Preference	1 French	62 Preveterinary
86 Animal Science	1 General Business Administration – Prelaw	1 Professional Writing
6 Anthropology	3 General Management	18 Psychology
3 Applied Engineering Sciences	2 Geological Sciences	5 Residential College in the Arts and Humanities
16 Arts and Humanities	3 Global and Area Studies – Social Science	1 Russian
5 Athletic Training	6 History	3 Social Work
5 Biochemistry and Molecular Biology	5 Horticulture	1 Spanish
4 Biochemistry and Molecular Biology/Biotechnology	3 Hospitality Business	2 Spanish
1 Biological Science – Interdepartmental	15 Human Biology	1 Special Education – Deaf Education
2 Biology	1 Interdisciplinary Studies in Social Science – Social Science Education	4 Special Education – Learning Disabilities
3 Biomedical Laboratory Science	39 James Madison	2 Studio Art
4 Biosystems Engineering	2 Japanese	3 Supply Chain Management
2 Business – Preference	7 Journalism	5 Theatre
16 Chemical Engineering	14 Kinesiology	9 Veterinary Technology
3 Chemistry	2 Landscape Architecture	12 Zoology
1 Child Development	4 Linguistics	
9 Civil Engineering	112 Lyman Briggs	
9 Communication	5 Marketing	
1 Communicative Sciences and Disorders	7 Mathematics	
4 Computer Engineering	38 Mechanical Engineering	
11 Computer Science	2 Media and Communication Technology	
2 Construction Management	5 Media and Information	
5 Criminal Justice	2 Media Arts and Technology	
17 Crop and Soil Sciences	3 Music Performance	
5 Dietetics	1 Natural Resources Recreation and Tourism	
1 Economics	3 Natural Science – No Preference	
15 Education	4 Neuroscience	
5 Electrical Engineering	52 No Preference	
18 Engineering – No Preference	1 Nutritional Sciences	
8 English	5 Packaging	
2 Environmental Biology/Zoology	2 Philosophy	
1 Environmental Economics and Policy	6 Physics	
2 Environmental Engineering	2 Physiology	
8 Environmental Studies and Agriscience	5 Political Science	

944 Total



For more information about the Pre-College Committee visit: spartanyouth.msu.edu/precollege or email: pccomm@msu.edu



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Program Submissions

41 pre-college programs submitted reports:

- 4-H Animal & Veterinary Science Camp
- 4-H Beef, Sheep and Swine Teen and Adult Leaders Workshop
- 4-H Capitol Experience
- 4-H Exploration Days
- 4-H Great Lakes & Natural Resources Camp
- 4-H Renewable Energy Camp
- 4-H Veterinary Science Teen and Adult Leaders Workshop
- 4-H Youth Conservation Council January-April 2015
- ANR Institute for Multicultural Students (AIMS)
- CeLTA Language School
- CHAMP - Cooperative Highly Accelerated Math Program
- CSI Youth Forensic Science Program
- Detroit Future Docs
- Educational Talent Search
- Future Docs
- Greenrock Writers Retreat
- Health Sciences Scholar Institute (HSSI)
- High School Engineering Institute
- ISHALL - Intensive Study of Humanities, Art, Language
- Lansing Future Docs
- Lansing PhotoVoice Project
- LEAF - Cours de Langue pour Étudiants Avancés de Français Programme
- Macomb Future DOcs
- MI GEAR UP
- MST@MSU Math, Science and Technology
- MSU Community Music School
- MSU Media Summer Camps
- MSU Upward Bound
- Multicultural Apprenticeship Program
- MY BROTHER'S KEEPER
- OsteoCHAMPS
- PAN (Physics of Atomic Nuclei)
- Pre College Leadership Program
- Science Animals Medicine and You - Veterinary Camps
- Spartan Writing Camp
- Spartaneering LEGO Robotics -Commuter
- SUMMER HIGH SCHOOL SCHOLARS PROGRAM
- Vetward Bound Science Discovery Club



The Pre-College Committee is supported by the Associate Provost for University Outreach and Engagement, the Associate Provost for Undergraduate Education, and the Director of the Office of Admissions

MSU Pre-College Committee Leadership

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to view a list of programs visit:

spartanyouth.msu.edu