

Articulation Agreement

Kettering University and Michigan State University College of Human Medicine for the Early Assurance Program for Admission to MSU-CHM for qualified Kettering premedical students.

Michigan State University College of Human Medicine (MSU-CHM) and Kettering University (Kettering) agree to establish a cooperative program of premedical/medical education by which premedical students at Kettering shall be granted an early assurance of admission to MSU-CHM through the Early Assurance Program (EAP). This agreement shall be in full effect upon final signatures by the respective administrators and other appropriate institution representatives.

Program Rationale: The Early Assurance Program (hereinafter, "Program") provides an enhanced opportunity for admission to medical school to Kettering premedical students who are interested in practicing in a health profession shortage area or specialty. Preference for admission to the Program will be given to those who otherwise might not have access to or be familiar with the intricacies of premedical preparation and medical school application by virtue of being a first generation college student, graduating from a low income high school as defined by the United States Department of Education, being eligible for or a recipient of an undergraduate PELL grant, graduating from an underserved (health professional shortage) urban or rural area, or demonstrating interest in a high need medical specialty area. By identifying and developing such students (see Attachment A), Kettering will make a substantial contribution to the physician work force of the future and enhance Kettering's presence as a partner in the Flint area health care community.

Similarly, MSU-CHM will benefit from an enhanced relationship with a recognized and respected university in the Flint area and by being ensured of a continued pipeline of well-qualified students who can fulfill the mission of MSU-CHM and who will likely return to the Flint community to practice. Further, MSU-CHM will benefit from the consistency in the preparation and credentials of the students who are endorsed by Kettering as applicants to MSU-CHM, thereby reducing the effort and time required to determine an applicant's potential for success and in meeting the mission of the medical school.

Kettering agrees to engage in broad-based outreach to develop, identify and endorse premedical students for consideration in the Program and to monitor the progress of all endorsed premedical students to ensure their continued qualification for the Program. Specifically, Kettering agrees to:

1. Market to and recruit highly qualified students who are likely to practice in an underserved urban or rural location.
2. Identify students who are first generation college students, graduates from low income high schools, PELL grant eligible or recipient, graduate of an underserved (health professional shortage) urban or rural area high school, likely to practice in an underserved

- urban or rural location or demonstrate interest in a high need medical specialty in a health professional shortage area.
3. Ensure the continued course offerings for the appropriate academic preparation of premedical students for the Kettering students in 1 and 2 above. See Attachment B.
 4. Advertise and make the Program accessible to all current premedical students at Kettering.
 5. Advertise and make the Program accessible to all incoming Kettering students.
 6. Permit students to self-identify for consideration for the Program. Such students will hereafter be identified as “pre-endorsed students”.
 7. Monitor the progress of and provide developmental opportunities for premedical students consistent with current practice.
 8. Develop and implement the mechanism to endorse those premedical students who have participated in or have met the developmental portion of the Program and who evidence the strong potential to be extraordinary medical practitioners in keeping with the mission of MSU-CHM. Kettering shall endorse only those students who meet the requirements for admission to MSU-CHM.
 9. Provide the opportunity for endorsed premedical students to conduct research at Kettering or an associated institution.
 10. Grant a baccalaureate degree to each pre-endorsed and endorsed student upon successful completion of Kettering graduation requirements.

MSU-CHM agrees to consider premedical students receiving the endorsement of Kettering for the Program. Specifically, MSU-CHM agrees to:

1. Review in accordance with the timeline all endorsed premedical students who meet the minimum academic standards of a 3.0 overall GPA, 3.0 science GPA, and a minimum 25 MCAT composite score, with the biological science score being equal to or greater than 8.
2. Accept for review American Medical College Application Service (AMCAS) -equivalent application information submitted by endorsed Kettering premedical students in their junior year or who have earned 70 or more credit hours.
3. Waive secondary application fees for endorsed students applying to the Program.
4. Accept for review MSU-CHM secondary application information materials submitted by endorsed Kettering premedical students.
5. Invite for an admissions interview in accordance with the timeline any endorsed Kettering premedical students that MSU-CHM deems qualified and most competitive for admission according to provisions of the Program.
6. Present the interviewed endorsed students to the CHM Committee on Admissions. The MSU-CHM admissions committee shall make admissions decisions in its sole discretion.
7. Notify those endorsed students selected for admission of acceptance to MSU-CHM in accordance with the timeline.
8. Communicate each admitted student’s Early Admission status to AMCAS.
9. Reserve two (2) positions each year for endorsed Kettering premedical students to be admitted to MSU-CHM through the Early Assurance Program. In the event that an endorsed student drops out of the program, no replacements or alternates will be appointed. In the event there are fewer than three endorsed students, no more positions than the number of endorsed students will be awarded.

10. Grant the Doctor of Medicine degree to students who successfully complete the MSU-CHM requirements for graduation.
11. Participate with Kettering in marketing the Program.

Both institutions agree to the following criteria for students:

To be eligible for endorsement in the Program, Kettering students shall:

1. Demonstrate an active interest in and knowledge of medicine through **one or more** of the following:
 - a. participation in the Kettering Premedical Club
 - b. obtaining direct experience with the delivery of health care through volunteering, employment, and/or shadowing in medical/clinical settings
 - c. enrollment in relevant elective course work
2. Demonstrate commitment to the service of humanity through consistent community service activities.
3. Maintain regular contact with the Kettering premedical advisor during their time of study at Kettering.
4. Meet MSU-CHM minimum academic standards to be considered for admission by MSU-CHM, as specified in this agreement.
5. Evidence leadership through participation in extra-curricular, academic, research, organizational, volunteer, and employment activities.
6. Complete academic majors of their choice.
7. Demonstrate the professional behavior expectations of competence, honesty, compassion, respect for others, and responsibility in their academic, clinical and volunteer experiences.

The endorsed students shall:

1. Subscribe to the mission of MSU-CHM to meet the needs of patients, families, and communities by providing medical care with respect and dignity with particular concern for and responsiveness to medically underserved populations and communities.
2. Complete all medical school prerequisites at Kettering. Any transfer student who has completed prerequisite courses at another institution may be accepted as a candidate for the Program provided the courses completed at another institution are approved by both Kettering and MSU-CHM.
3. Provide MSU-CHM with transcripts reflecting all college courses and credits.
4. Complete secondary essays and submit AMCAS equivalent information to MSU-CHM.
5. Submit letters of evaluation and recommendation as required by the MSU-CHM admission process.
6. Participate in a MSU-CHM Admission Interview Day.
7. Be allowed to accept or reject the offer of Early Assurance admission to MSU-CHM and, furthermore, to be considered for regular admission without prejudice should the student choose to reject the offer of Early Assurance admission and apply to MSU-CHM as well as other medical schools as a regular applicant.
8. If admitted and choosing to attend MSU-CHM, submit an AMCAS application indicating the MSU-CHM Early Assurance Program acceptance in accordance with time guidelines set by MSU-CHM.
9. Meet Technical Standards as in place for their MSU-CHM entering class.

10. Submit to any criminal background check as in place for their MSU-CHM entering class.
11. Submit to any drug testing that may be in place for their MSU-CHM entering class.
12. Meet any other pre-matriculation expectations in place for their year of matriculation.
13. Be eligible for scholarships, dual or combined degree, or any special program offerings, benefits or accommodations as available for their MSU-CHM entering class.

Time Line and Program Implementation:

Beginning at the effective date of this agreement:

- Marketing and recruitment: On-going
- Kettering premedical students intending to matriculate in 2012 are eligible for endorsement according to the conditions of the Program.
- The development and implementation of internships, academic requirements, and other 'developmental' aspects of this agreement shall be communicated to and made available to all pre-endorsed students.
- Endorsement of students: Winter of the *application* year (junior year or have earned 70 or more credit hours)
- Notification to MSU-CHM of endorsed premedical students: Spring of the application year
- Endorsed students who are invited for interview will have the interview completed by May 15 of the application year
- MCAT: Endorsed students will need to take the MCAT no later than May 1 of their application year
- Notification of admissions decision: June of the application year
- Admitted endorsed students who accept admission to MSU-CHM will notify MSU-CHM and submit an AMCAS application designating the MSU-CHM EAP within two weeks of the offer of acceptance.

Program Publicity:

Both institutions agree that all program materials, media releases, and interview comments concerning the Program shall be mutually approved prior to publication, release, or comment.

Program Review: The Program shall be reviewed by representatives of both institutions annually during the first three years. If continued thereafter, the Program shall undergo a comprehensive review every third year. The Program may be suspended or terminated only upon written request by either institution with sixty (60) day advance notice to the Assistant Dean for Admissions (MSU-CHM) or the Provost (Kettering). In the event the Program is suspended or terminated, students already endorsed by Kettering for consideration by MSU-CHM for the Early Assurance Program will not be affected and all commitments by Kettering and MSU-CHM to these students will be honored as if the program had not terminated.

IN WITNESS WHEREOF, the parties hereto have executed or caused this Agreement to be executed by their duly authorized representatives as written below.



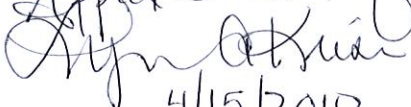
Kim A. Wilcox, PhD
Provost and Vice President for Academic Affairs
Michigan State University



Michael Harris, PhD
Provost and Vice President for Academic Affairs
Kettering University



Marsha D. Rappley, MD
Dean, College of Human Medicine
Michigan State University

Approved as to form.

4/15/2010

Attachment A – Development of Kettering Students

Kettering University agrees to identify and develop students who plan to apply to the Program. Specifically, Kettering agrees to:

Step I: Kettering Marketing and Recruitment:

1. Identify, market, and recruit high school students who meet the requirements of the Program for consideration.
2. Utilize various Kettering departments and other appropriate sources to identify, market, and recruit targeted Kettering students.
3. Conduct outreach activities with a variety of organizations affiliated with Kettering to identify, market, and recruit targeted Kettering students.

Step II: Kettering Advising and Support:

1. Provide the opportunity for Pre-endorsed premedical students to conduct research at Kettering, MSU-CHM, and/or other associated institutions.
2. Encourage participation in the Premedical Club.
3. Offer seminars and/or workshops aimed at informing and recruiting premedical students who may be interested in the Program especially those who reside in areas that meet the Program criteria.
4. Offer seminars and/or workshops aimed at serving geographic locations that meet the Program criteria.
5. Develop volunteer partnerships with local underserved/rural health clinics for Pre-endorsed premedical students.
6. Collaborate with the Kettering Career Center to establish local premedical student outreach opportunities.
7. Encourage Pre-endorsed students to consider international education.
8. Identify internship opportunities for Pre-endorsed premedical students at Kettering, MSU-CHM as well as national and international internship prospects.

Step III: Kettering and MSU-CHM additional developmental activities for endorsed Kettering students who accept the offer of early assurance admission to MSU CHM:

1. Kettering agrees to develop and require participation in a volunteer/service learning program targeted to the rural and/or underserved population.
2. Kettering agrees to require endorsed students to discuss their Program experience with the clubs/organizations.
3. MSU-CHM agrees to provide an opportunity for Program students to attend Guest Lectures at MSU-CHM or an affiliated hospital site.
4. MSU-CHM agrees to provide an opportunity for Program students to shadow grand rounds at MSU-CHM or an affiliate hospital site.
5. MSU-CHM agrees to provide early information related to MSU-CHM housing options and additional transition information.

Attachment B – Required Premedical Course Work

Both institutions agree to the following premedical course work for students to be eligible for endorsement by Kettering University under the Assurance of Admission Review Program:

Completion of the following prerequisite requirements:

- 1 year of biology, including Biol 141/142 (General Biology Lecture/Lab) & Biol 241/242 (Human Biology Lecture/Lab)
- 1 year of general chemistry, including Chem 135/136 (Principles of Chemistry Lecture/Lab) OR Chem 137/136 (General Chemistry I Lecture/Principles of Chemistry Lab) & Chem 237/238 (General Chemistry II Lecture/Lab)
- 1 year of organic chemistry including Chem 345/346 (Organic Chemistry I Lecture/Lab) & Chem 347/348 (Organic Chemistry II Lecture/Lab)
- 8 credits of writing/composition including Comm101 and Comm301 (Written & Oral Communications I and II)
- 16 credits of Humanities/social sciences courses selected from Kettering's General Education curriculum.
- Two upper level biological science courses which may include Chem 351/352 (Biochemistry I Lecture/Lab), Chem 451/452 (Biochemistry II Lecture/Lab), Biol 341 (Anatomy & Physiology), Biol 441/442 (Molecular & Cellular Biology Lecture/Lab), Biol 481 (Genetics), and/or ME 350 (Introduction to Bioengineering).
- Mathematics through Calculus I (Math 101). The mathematics requirements may be waived with Advanced Placement (AP) credit for Calculus I.

MSU-CHM agrees to notify Kettering of any changes to the required premedical education requirements.

Kettering agrees to notify MSU-CHM of any changes in its curriculum that impact premedical education requirements.