

Kean University Student Chapter's application for Outstanding Community Service:

- Name and address of chapter

Kean University ACM student chapter
 1000 Morris Ave, Union NJ 07083 USA

- Names and email addresses of chapter officers and faculty sponsor

Chair: Carlos Flores, floresjc@kean.edu

Vice Chair: Thomas Yamakaitis, yamakait@kean.edu

Treasurer: Arian Gonzalez, argonzal@kean.edu

Secretary: Reuben Hernandez, hernareu@kean.edu

Faculty sponsor: J. Jenny Li, juli@kean.edu and Patricia Morreale, pmorreal@kean.edu

- A brief description of your chapter and school including number of chapter members

Our chapter was established in 1970 at Kean University, a highly diverse predominantly undergraduate school recently recognized as a Hispanic Serving Institution. Our chapter membership grows year over year with the same growth rate of the enrollment to computer science major, an ABET accredited program. We now have over 250 chapter members.

- Number of students at your school who take computer science and related courses, and typical majors of your chapter members.

Our chapter resides at Kean University computer science department, which enjoys continuous enrollment increases, due to clear articulation of student outcomes, and increased recruiting of both native and community college transfer students (Tables 1 and 2). While enrollment have grown nationally, Kean's Department of Computer Science has enjoyed a 150% increase in enrollment over an 8-year period (2009-2016), which is impressive as Kean University is in the geographical region outside of New York City, rich with nationally and nationally-known computer science programs. Our ACM chapter membership grows at the same pace of the enrollment with additional members from other programs such as Kean STEM College.

Table 2. Computer Science Department Majors (CS and IT): Undergraduate Enrollment by Ethnicity

Ethnicity	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	8-Year Total	
Black	44	50	64	60	70	83	107	115	593	22
Hispanic	65	80	97	90	95	113	119	132	791	30
Asian	18	29	30	33	46	59	61	80	356	13
White	57	76	85	71	91	95	99	107	681	26
Not Repd	8	6	20	46	25	36	51	47	239	9
Total	192	241	296	300	327	386	437	481	2660	100%

Source: Kean University, Institutional Research Department, 2016.

Table 3. Computer Science Department Majors: Undergraduate Enrollment by Gender

Gender	Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	8-Year Total	
Male	159	203	249	253	272	329	380	413	2258	85
Female	33	38	47	47	55	57	57	68	402	15
Total	192	241	296	300	327	386	437	481	2660	100%

Source: Kean University, Institutional Research Department, 2016.

- URL for your chapter home page (if you have one)

www.keanacm.com

- An essay of no more than 500 words for each of the categories for which your chapter would like to be considered. You may submit an essay for more than one category. Guidelines for these essays appear below. **Please be sure to abide by the 500 word maximum for the essay portion. If your essay is longer, only the first 500 words will be submitted to the judges.**

Since September 2006, when Dr. Morreale took over the chapter faculty sponsor/adviser role, our student chapter has been organizing one activity every two weeks during academic years, starting mid-September through the end of April. Besides the high number of our chapter activities, their quality is also highly impressive, including renowned invited speakers, career forums from top corporations and highly-relevant modern topics pertinent to students' interests.

Most importantly, Kean University supports our ACM student chapter with funding of over \$5000 per year to cover expenses including facility, rooms, fees and food. For the academic year of fall 2016 to spring 2017, we have organized about 16 chapter activities, supported and funded by Kean University foundation. Two of the activities have the most community outreach impacts: HackKean and Kean Girls Who Code.

HackKean, a Hackathon event, had close to 200 registered participants from local high-schools and colleges. Our chapter members organized the event and participated in the panel of selecting three winning teams and two runner-ups. The event also attracts sponsorships from local corporations.

Kean Girls Who Code is part of JerseySTEM organization that our chapter members participated to raise the awareness of our local community to bridging the gender gap in STEM education and sharing STEM-related opportunities with underprivileged students and communities.

Overall we had organized many high quality activities with several of them providing outstanding service to our local community. The award will give us recognition of our hard work, which will motivate Kean University to continue funding our future outstanding activities. Such funding will make it possible for us to continue our activities for many years to come.