The following is our application for the award of Outstanding Chapter Activities.

- **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 Severing Institution. Our chapter membership grows year over year with the growth 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, the following are the highlights of our chapter activities, supported and funded by Kean University foundation. All activities are during the university hours of 3:30pm—5:30pm so that all chapter members can participate.

1) JavaFX application (March 2, 2017): chapter members had an opportunity to learn from practitioners on using Java programming to manipulate animation.
2) GIT (Feb 16, 2017): chapter members learned to use git, git commands, git hosting services and repositories.
3) Planning meeting (Jan 26, 2017): chapter members participated in brain-storming of activity ideas that they would like to support and participate.
4) WebMD technology talk and recruitment (Dec 8, 2016): Senior director of WebMD gave a talk on Cloud, Automation and Performance Engineering, as well as recruitment in those fields.
5) JerseySTEM – Girls Who Code (Dec 1, 2016): Chapter members got to hear from JerseySTEM, an organization that is committed to bridging the gender gap in STEM education and sharing STEM-related opportunities with underprivileged students and communities.
6) **Kean's Business Internship Fair** (Nov 17, 2016): Fortune 500, midsize, and small companies in the NY/NJ metropolitan area attended the fair to recruit our chapter members, a well-received event.
7) **Google is coming to Kean** (Nov 10, 2016): Google hosted this ACM chapter event with a panel of six Google employees from six different Google divisions to discuss "Life at Google". They brought with them swags and information on the many internship and full-time opportunities.

8) EverestRe (Nov 3, 2016): Ralph Groce, an African-American CIO of a multi-billion dollar corporation, gave an insight about technologies for financial industrial and job opportunities.
9) Advisement meeting (Oct 27, 2016): information on computer science major (also information technology major) was presented to members with a roadmap of courses offered by Kean CS department.
10) IEEE Xplore (Oct 20, 2016): Kristen MacCartney talked to our members on how *IEEE Xplore* can help our members improve their career search; impress in an interview; scholarships, fellowships, etc.
11) Networking devices (Oct 13, 2016): members learned from practitioners on how to communicate with a server to build an IRC-like chat application.

Overall we had organized many high quality activities. 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 years to come.