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1. AGM Institute Introduction



Richard Myung, Founder, Chairman & CEO

“Success is acquired by eagerly engaging in endless challenges and not just by planning.”

Richard E. Myung, chairman and CEO, has established AGM College Planning, LLC, AGM Institute, LLC, and AGM Group since 2005, he holds numerous proven remarkable achievements by providing most effective solutions for the advanced college planning and need based college financial aid areas.

He believes that his endless on-going efforts with his every associated professional would result in each student’s customized academic career development and their future career paths.

His entrepreneurship comes from his endless passion of innovative ideas and from his corporate philosophy treating the importance of on-going R&D areas. He is a well-known columnist among the major newspapers published in US and his entire weekly articles of more than 1,100+ has been posted over 22 major cities nationwide.

He is actively working in corporate and individual College Financial Aid Planning areas over 13 states in US for the last 23 years. “Success is acquired by eagerly engaging in endless challenges and not just by planning.” says Richard Myung.

2. AGM Welcome Letter



ARIP Project Director, Keith A. Crandall, PhD

“Welcome to the Advanced Research Internship Program (ARIP)!”

“ARIP will lead you to the next level of innovation and technology through advanced research programs.”

I am excited to introduce you to strong and rigorous science programs for selected domestic and international students who want to accelerate their academic career paths. Our unique internship programs connect you with leading researchers and research institutions, using the latest technology and innovative science for hands-on laboratory experiments.

It gives me great pleasure to welcome you to our ARIP intensive research programs designed to promote intellectual growth through international travel and research collaboration with top scientists from leading universities. As ARIP students, you will become part of a distinguished network of other young scholars aspiring to become the next generation of professors, researchers and leaders.

ARIP is the gateway to resources, mentoring, and professional networks that remain available to you upon your completion of the program. This comprehensive and unique advanced program will stimulate your research interest, build peer and professional mentoring networks, and help you explore the university research environment.

On behalf of our professors and PhD fellow staff in *Advanced Research Internship Program*, I invite you to a rewarding experience and look forward to meeting you soon.

Sincerely,

A handwritten signature in black ink, appearing to read 'K Crandall', written over a light gray circular background.

Keith Crandall, PhD
Director
Computational Biology Institute
George Washington University
- Keith Crandall, PhD -

3. Program Overview

This research program has been established with the team of 11 renowned and distinguished professors conjointly researching the topic of ***“Investigating Environmental Genomics through Informatics”*** from 4 universities in the United States. Simultaneously, this program offers the opportunity of the life time for students to join with professors in this internship admitted through selective admissions process, also well known as Advanced Research Internship Program (ARIP).

For the first time ever in the United States, the research is internship program is conducted at the universities in major cities of Boston, Washington, DC, Chicago and Los Angeles. The distinguished professors conducting the research at each university will personally select academically challenging students through the admissions selection process. Furthermore, through this research internship program, selected students are given a chance to develop their career and research experience through the participation with hands on experience learning and researching directly with the professors, making this as one of the best global research internships.

Advanced Research Internship Program (ARIP)

(ARIP Topic: “Investigating Environmental Genomics through Informatics”)

Distinguished research professors from the United States will lead the research personally and the students’ research with the team of doctors in the fields of genetic sampling and influences and changes made by the environment on (genetic) genome are researched using informatics data analysis. Participating students also learn to analyze the research in this live experience as well.

Also, at the end of the year, the research result is published with the professors mentioned and the selected participating students to The Barcode of Life Data System (BOLD) SYSTEMS (<http://v4.boldsystems.org/index.php>), the most well-known international level DNA barcode database with the honorable professors. As the Ivy Leagues, distinguished colleges, and graduate school admissions’ interest and demand of research are growing every year, an importance of academic research internship is also growing. The 4 universities offering this unique research internship leads to an advantage in admissions selection for high school students for admission to colleges, medical schools, college of engineering, and those interested in the research field as well as academically strong math and science high school students and students applying to medical schools. In addition, students will have an opportunity to have recommendations from their research professors during the internship. ARIP invites future global leaders to join in this exciting internship program.

4. What is ARIP?

Advanced Research Institute Program (ARIP) is a conjoined honorable scientific research led by the professors of distinguished doctors of science. With the recognition of demand and importance in research, ARIP has opened doors to live hands on experience in break through innovative scientific research with selectively admitted students from around the world. These renowned professors at each university are also very active research doctors in this conjoined internship project research and the research topic of Genome Sequence related with “Investigating Environmental Genomics through Informatics” has expanded every year with more participating universities. ARIP (Advanced Research Institute Program) is inviting potential students from grades 9-12 and college students. Professors from the major universities in the United States, distinguished professors and doctors of science are conjoined to lead the scientific research from each major city. At the end of the year, the participating research students have the honor of having their name published as the participating researcher in the science research journal.

The Program Director, Dr. Keith Crandall is currently a professor at The George Washington University Department of Science and a distinguished professor and Director of Genome Institute. Dr. Crandall is a renowned scholar placed in the 1.5 per cent among the scholars from the upper one (1) per cent and also one of the top-ranking authorities in genome research.

ARIP’s innovative scientific research and informatics provide live research experience within the major universities and offer opportunity of the taste of the college life as well as an opportunity to meet with the admissions officers from the participating research university. Global internship program of ARIP understands the need and demands of technology, especially in Science, Technology, Engineering, and Math (STEM) Education program. ARIP is also collaborated with the non-profit organization of Jason Learning, well-known for the STEM program providing the best internship curriculum. ARIP’s Global Internship is making a contribution to the world of education by providing an opportunity of career and future direction in science with strong interest and anticipation from the parents as well.

5. Importance of Admission Factors in American Colleges

For successful admissions in American colleges, the information submitted on the application is the key factor for the admission to the desired college of choice. **Every college application selection process in the United States is determined by point system and the point system method is called Taxonomy.** Therefore, college bound high school students should understand the difference and similarity of requirements from each college and prepare academics and activities ahead of time accordingly in order to effectively submit a college application to get accepted to the college of choice. Especially top US colleges and Ivy Leagues naturally have great number of students applying every year making these colleges most competitive and therefore understanding the taxonomy and strategic analysis will greatly influence acceptance to the college of choice.

The chart below shows an example of strategic analysis of colleges applied. One can see that most colleges place a great importance in the activities and the recommendations by the admissions.

<< Comparison Table by the Importance of Admission Factors >>

<Table 1>

Admission Factors	University of CA (Berkeley)	DUKE University	STANFORD University	BROWN University
Very Important	Academic GPA Application Essay Rigor of secondary school record State Residency	Academic GPA Application Essay Character/Personal Qualities Class Rank Extracurricular Activities Recommendations Rigor of secondary school record Standardized Test Scores Talent/Ability	Academic GPA Application Essay Character/Personal Qualities Class Rank Extracurricular Activities Recommendations Rigor of secondary school record Standardized Test Scores Talent/Ability	Academic GPA Application Essay Character/Personal Qualities Level of Applicant's Interest Recommendations Rigor of secondary school record Talent/Ability
Important	Character/Personal Qualities Extracurricular Activities Standardized Test Scores Talent/Ability Volunteer Work Work Experience	N/A	N/A	Class Rank Extracurricular Activities Standardized Test Scores
Considered	First generation college student	Alumni Relation First generation college student Geographical Residence Interview Level of Applicant's Interest Racial/Ethnic Status State Residency Volunteer Work	Alumni Relation First generation college student Geographical Residence Racial/Ethnic Status Volunteer Work Work Experience	Alumni Relation First generation college student Geographical Residence Interview Racial/Ethnic Status State Residency Volunteer Work Work Experience

<Table 2>

Admission Factors	University of MD (College Park)	Georgetown Univ.	Cornell University	UPENN
Very Important	Academic GPA Rigor of secondary school record Standardized Test Scores	Academic GPA Application Essay Character/Personal Qualities Class Rank First generation college student Recommendations Rigor of secondary school record Standardized Test Scores Talent/Ability	Academic GPA Application Essay Character/Personal Qualities Extracurricular Activities Recommendations Rigor of secondary school record Standardized Test Scores Talent/Ability	Academic GPA Application Essay Character/Personal Qualities Recommendations Rigor of secondary school record Standardized Test Scores
Important	Application Essay Class Rank First generation college student Recommendations State Residency Talent/Ability	Extracurricular Activities Interview Volunteer Work	Class Rank	Class Rank Extracurricular Activities Talent/Ability
Considered	Alumni Relation Character/Personal Qualities Extracurricular Activities Geographical Residence Racial/Ethnic Status Volunteer Work Work Experience	Alumni Relation Geographical Residence Racial/Ethnic Status State Residency Work Experience	Alumni Relation First generation college student Geographical Residence Interview Racial/Ethnic Status State Residency Volunteer Work Work Experience	Alumni Relation First generation college student Geographical Residence Interview Level of Applicant's Interest Racial/Ethnic Status State Residency Volunteer Work Work Experience

<Table 3>

Admission Factors	BROWN University	UNIV. of Chicago	UNIV. of IL Urbana Champaign	NORTHWESTERN
Very Important	Academic GPA Application Essay Character/Personal Qualities Level of Applicant's Interest Recommendations Rigor of secondary school record Talent/Ability	Application Essay Character/Personal Qualities Recommendations Rigor of secondary school record Talent/Ability	Academic GPA Rigor of secondary school record	Academic GPA Application Essay Class Rank Rigor of secondary school record Standardized Test Scores
Important	Class Rank Extracurricular Activities Standardized Test Scores	Academic GPA Class Rank Extracurricular Activities Volunteer Work	Application Essay Extracurricular Activities Standardized Test Scores Talent/Ability	Extracurricular Activities Recommendations Talent/Ability
Considered	Alumni Relation First generation college student Geographical Residence Interview Racial/Ethnic Status State Residency Volunteer Work Work Experience	Alumni Relation First generation college student Interview Level of Applicant's Interest Racial/Ethnic Status Standardized Test Scores Work Experience	Character/Personal Qualities Class Rank First generation college student Geographical Residence Racial/Ethnic Status State Residency Volunteer Work Work Experience	Alumni Relation Character/Personal Qualities First generation college student Interview Level of Applicant's Interest Racial/Ethnic Status Volunteer Work Work Experience

* <Table 3> shows the huge differences in admission factors between University of Chicago and Northwestern University in admission process.

6. ARIP Program Advantages for Participants

- ARIP Certificate for the program completion
- Professor's Recommendations for the ARIP participants
- ARIP Research Results (i.e. DNA Sequence Data) is Internationally published to BOLD Systems.
- ARIP Leadership Award and ARIP Research Award
- Interact directly with university professors
- Jumpstart undergraduate research experience at the college(s)
- Experience US university research environment
- Conduct cutting edge research
- Gain insights into US university application and admissions procedures

ARIP is an internship research program led by distinguished professors and participating students of this program will have an opportunity to develop their career path in scientific research or scientific field and with strong recommendation from the professors. In addition, distinguished professors in the research internship will have the scientific research published by the end of the year and the participating research students' DNA barcode analysis data are published in BOLD System(<http://v4.boldsystems.org>) which is worldwide famous DNA database shared by all scientists with the honor of having their name with distinguished professors and reputable scientists.

7. ARIP Scholarships

When submitting ARIP scholarship at the time of application to ARIP Research Internship Program, ARIP will select qualifying research student(s) by awarding scholarship(s) through selection process. And, these scholarship(s) will be awarded to the qualified participant(s) through the reimbursement method.

8. International Awards

The participating professors of the ARIP from each research area will give the selected best researchers and leaders' awards in two (2) areas. (i.e. ARIP Global Leadership Awards and ARIP Global Research Awards)

9. ARIP Locations and Faculty

1) ARIP Locations

- ARIP Location 1: Boston, MA
- ARIP Location 2: Washington, D.C.
- ARIP Location 3: Chicago, IL
- ARIP Location 4: Los Angeles, CA

* **ARIP Payment Methods:**

1) Credit Card/Check/Cash

- Please use **2020 Payment Schedule(s) and Authorization Form.**
- Partial payments are available/finance charge(s) applied

2) International Wire Transfer Payment

- * The applicant needs to send us the T/T payment receipt by fax or email.
- => E-mail) Contact@agminstitute.org or Fax) 1-571-765-7845

Beneficiary Name:	AGM Institute, LLC
Beneficiary Bank:	Bank of America
Bank Address:	VA9-510-01-01 7220 Columbia Pike Annandale, VA 22003 U.S.A.
Bank phone/fax:	Phone) 1-703-997-0866, Fax) 1-703-584-3756
Routing No.:	051000017
Account No.:	435043324677