

NORTH JERSEY REGIONAL SCIENCE FAIR

OFFICIAL AWARDS LIST OVERALL AWARDS-NJRSF-2011

Final Report, for awards ceremony

NOT TO BE RELEASED PRIOR TO 8:00 P.M., March 19, 2011

ISEF TRIP AWARDS

Four students and their advisors will receive expense paid trips to the International Science and Engineering Fair in Los Angeles, California, to be held May 8-13.

Winners

Katherine Yon Ebright/BC.11	grade 12	North Brunswick Township High School	Edward Trembly
Wenyu Cao/MC.02	grade 12	Phillips Academy	Rosalie Belanger-Rioux
Joshua David Bocarsly/BI.07	grade 12	Lawrenceville School	Gregory Hansen
Aaron Lawrence Zweig/MC.04	grade 10	Randolph High School	David Zweig

Alternates

Diana Liao/MC.06	grade 10	Watchung Hills Regional High School	Sophia Gershman
Tara L Raj/CH.06	grade 11	Hunterdon Central Regional High School	Danielle Dayton
Madison Ashley Steele/GB.15	grade 11	Pascack Hills High School	Martin Edelberg
Catherine Wong/EN.03	grade 10	Morristown H.S.	Mrs. Erin Colfax
Simirpreet Kaur Gill/HP.20	grade 10	pascack hills	Dr. Edelberg

ISEF TEAM AWARDS

Thanks to a special grant from AT&T Labs, pursuant to the Netflix Prize won by researchers at the Shannon Lab, the NJRSF began sending teams to ISEF in 2010. The students and their advisor will accompany the individual winners named above.

Winners

Won Ik Lee/CB.12	grade 12	Bergen County Academies	Robert Pergolizzi
Hong Joon Park/CB.12	grade 11		

Alternate

Peter James Flint/EN.06	grade 12	Watchung Hills Regional High School	Dr. Sophia Gershman
Geoffery Glenn Tanner/EN.06	grade 12		
Marco Euclide Armenante/EN.06	grade 12		

NJIT Academic Fellowship

Two juniors receive a \$1,000/yr four-year academic fellowship to NJIT, conditional on normal admission procedures.

<i>Winner</i>			
George Masanori Iwaoka/BI.04	grade 11	Bergen County Academies	Donna Leonardi
Priyanka Goyal/CB.07	grade 11	Watchung Hills Regional High School	Dr. Sophia Gershman
Isha Bella Vasudeva/CB.07	grade 12		

<i>Alternates</i>			
Ariana Aimani/BC.14	grade 11	Bergen County Academies	Dr. Robert Pergolizzi
Roshni Vijay Khatiwala/CB.03	grade 11	Pascack Hills High School	Martin Edelberg

ISEF Symposium Finalists

Up to fifteen students are chosen as finalists for the ISEF trips. These students make oral presentations in the Finalist Symposium. They each receive a subscription to Scientific American and a 3D-engraved glass plaque.

<i>Senior Division</i>			
Katherine Yon Ebright/BC.11	grade 12	North Brunswick Township High School	Edward Trembly
Joshua David Bocarsly/BI.07	grade 12	Lawrenceville School	Gregory Hansen
Supriya Rastogi/CB.13	grade 12	Bergen County Academies	Donna Leonardi
Tara L Raj/CH.06	grade 11	Hunterdon Central Regional High School	Danielle Dayton
Jun Park/CR.01	grade 11	Bergen County Academies	Donna Leonardi
Shivani Vinay Shah/CR.07	grade 12	Bergen County Academies	Donna Leonardi
Christine J Ha/EV.15	grade 11	Bergen County Academies	Donna Leonardi
Madison Ashley Steele/GB.15	grade 11	Pascack Hills High School	Marty Edelberg
Junyoung Choi/HP.14	grade 12	Bergen County Academies	Donna Leonardi
Wenyu Cao/MC.02	grade 12	Phillips Academy	Rosalie Belanger-Rioux

<i>Junior Division (Grades 9-10)</i>			
Simirpreet Kaur Gill/HP.20	grade 10	pascack hills	Dr. Edelberg
Aaron Lawrence Zweig/MC.04	grade 10	Randolph High School	David Zweig
Diana Liao/MC.06	grade 10	Watchung Hills Regional High School	Sophia Gershman
Catherine Wong/EN.03	grade 10	Morristown H.S.	Mrs. Erin Colfax
Lauren Chase Thau/MB.02	grade 10	Pascack Hills High School	Dr. Edelberg

Partners in Science Award

Two students receive a two-month summer research position working in a corporate or university lab in New Jersey, with a professional scientist or engineer.

<i>Winners</i>			
David Gabriel Rissman/EN.07	grade 11	Summit High School	Benjamin Greene
Tara L Raj/CH.06	grade 11	Hunterdon Central Regional High School	Danielle Dayton

<i>Alternates</i>			
Maddy Rebecca Weinfeld/BS.03	grade 11	Pascack Hills High School	Martin Edelberg
Michelle Rudshiteyn/BC.15	grade 11	Bergen County Academies	Robert G. Pergolizzi
Emily An-Li Tu/BC.16	grade 11	Bergen County Academies	Donna Leonardi
Raedah Ali/BC.17	grade 11	Bergen County Academies	Donna Leonardi

NJIT Summer Academy Scholarship

Two students receive scholarships to the NJIT Summer Academy where they may take up to 6 college credits during the summer.

Winners

Christine J Ha/EV.15	grade 11	Bergen County Academies	Donna Leonardi
Madison Ashley Steele/GB.15	grade 11	Pascack Hills High School	Marty Edelberg

Alternates

George Masanori Iwaoka/BI.04	grade 11	Bergen County Academies	Donna Leonardi
Alexandra Churikova/MB.10	grade 11	Indian Hills High School	Ronald Petherbridge

NJ Water Environment Association Award

One project receives an award of \$500 for excellence in promoting water quality or quantity.

Alison Dana Bick/EN.02	grade 12	Millburn H.S.	Dr. Paul Gilmore
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D&B Award for Independent Student Research

Two students receive an award of \$250, plus an engraved plaque, for an outstanding research project carried out without substantial help from or participation by professional scientists or engineers.

Hadar Lazar/CR.17	grade 11	Bergen County Academies	Robert G. Pergolizzi, PhD
Max George Leblanc/BC.10	grade 12	Fort Lee High School	Mrs. Citrin

Rutgers Presidential Awards

Two outstanding life science projects in each division receive an award of \$200 cash.

Senior Division

Katherine Yon Ebright/BC.11	grade 12	North Brunswick Township High School	Edward Trembly
Won Ik Lee/CB.12	grade 12	Bergen County Academies	Robert Pergolizzi
Hong Joon Park/CB.12	grade 11		

Junior Division

Simirpreet Kaur Gill/HP.20	grade 10	pascack hills	Dr. Edelberg
Janice Yejin Sung/BI.05	grade 10	Bergen County Academies	Donna Leonardi

Four-Year NJRSF Entrant Awards

Any student who has entered the NJRSF during all four years of high school receives an award of a \$50 gift card for Borders Book Store, and a 3D-engraved glass plaque.

Alison Dana Bick/EN.02	grade 12	Millburn H.S.	Dr. Paul Gilmore
Shivani Vinay Shah/CR.07	grade 12	Bergen County Academies	Donna Leonardi

Freshman NJRSF Entrant Awards

Any freshman entrant in the NJRSF receives a \$20 gift card for Borders Book Store.

Supriya Sinha/CH.03	grade 9	John F. Kennedy Memorial H.S.	Cathryn Crego
Goral Jani/CH.03	grade 11		
Kirti Rajput/CH.03	grade 11		
Manali M Patel/EN.01	grade 9	John F. Kennedy Memorial H.S.	Cathryn Crego
Gauri Mukesh Patel/EN.01	grade 9		
Kayla Elizabeth Fowler/HP.21	grade 9	Colonia High School	James Danch
Kavya Raghunath/MC.03	grade 9	Rutherford High School	Alexander Robayo

CATEGORY AWARDS

Biochemistry

1st	Katherine Yon Ebright/BC.11	grade 12	North Brunswick Township High School
	Kevin Fong Chin/BC.13	grade 12	Watchung Hills Regional High School
	Akash Katakam/BC.13	grade 11	
2nd	Michelle Rudshteyn/BC.15	grade 11	Bergen County Academies
	Raedah Ali/BC.17	grade 11	Bergen County Academies
	Augustina Mensa-Kwao/BC.04	grade 12	Bergen County Academies
	Khushali Upadhyay/BC.09	grade 12	Bergen County Academies
	Emily An-Li Tu/BC.16	grade 11	Bergen County Academies
3rd	Ariana Aimani/BC.14	grade 11	Bergen County Academies
	Ruslan Rustamov/BC.05	grade 12	Fort Lee High School
	Sarah Rose Gordon/BC.06	grade 11	Pascack Hills High School
Hon.Men.	Ariela Safira/BC.02	grade 11	Bergen County Academies
	Ellika Marjan Salari/BC.03	grade 12	Livingston High School
	Max George Leblanc/BC.10	grade 12	Fort Lee High School

Biomedical Science

1st	Joshua David Bocarsly/BI.07	grade 12	Lawrenceville School
2nd	Thomas Scott Silver/BI.13	grade 11	Bergen County Academies
3rd	George Masanori Iwaoka/BI.04	grade 11	Bergen County Academies
	Janice Yejin Sung/BI.05	grade 10	Bergen County Academies
	Aishwarya Raja/BI.11	grade 11	Bergen County Academies
Hon.Men.			

Behavioral Science

1st	Ariel Jennifer Katz/BS.08	grade 12	Pascack Hills High School
2nd	Maddy Rebecca Weinfeld/BS.03	grade 11	Pascack Hills High School
	Caylin Marie Iannotta/BS.10	grade 12	Pascack Valley High School
3rd	Lauren Sofie Wolfe/BS.13	grade 12	Livingston High School
Hon.Men.	Lacey Sara Kaplan/BS.02	grade 12	Pascack Valley High School

Cellular and Molecular Biology

1st	Supriya Rastogi/CB.13	grade 12	Bergen County Academies
2nd	Won Ik Lee/CB.12	grade 12	Bergen County Academies
	Hong Joon Park/CB.12	grade 11	
3rd	Elizabeth Laura Dente/CB.08	grade 11	Bergen County Academies
Hon.Men.	Justin Kim/CB.01	grade 10	Bergen County Academies
	Max Elliott Wasserman/CB.05	grade 12	Millburn H.S.
	Terence An/CB.06	grade 12	Livingston High School
	Roshni Vijay Khatiwala/CB.03	grade 11	Pascack Hills High School

Chemistry

1st	Tara L Raj/CH.06	grade 11	Hunterdon Central Regional High School
2nd	Jae Seong No/CH.04	grade 12	Bergen County Academies
3rd	Dongyoun Jang/CH.05	grade 12	Bergen County Academies
Hon.Men.	Diana Lynn Russo/CH.02	grade 11	Colonia High School
	Supriya Sinha/CH.03	grade 9	John F. Kennedy Memorial H.S.
	Goral Jani/CH.03	grade 11	
	Kirti Rajput/CH.03	grade 11	

Cancer Research

1st	Jun Park/CR.01	grade 11	Bergen County Academies
	Shivani Vinay Shah/CR.07	grade 12	Bergen County Academies
2nd	Bhasha Mukhopadhyay/CR.02	grade 12	Bergen County Academies
	Eun-Be Kim/CR.23	grade 11	Bergen County Academies
3rd	Alan Hwang/CR.10	grade 11	Bergen County Academies
	Hadar Lazar/CR.17	grade 11	Bergen County Academies
Hon.Men.	Jesse Steven Krantz/CR.03	grade 11	Pascack Valley High School
	Emily Ann Jewell/CR.15	grade 11	Bergen County Academies

Engineering

1st	Alison Dana Bick/EN.02	grade 12	Millburn H.S.
2nd	Peter James Flint/EN.06	grade 12	Watchung Hills Regional High School
	Geoffery Glenn Tanner/EN.06	grade 12	
	Marco Euclide Armenante/EN.06	grade 12	
	David Gabriel Rissman/EN.07	grade 11	Summit High School
3rd	Catherine Wong/EN.03	grade 10	Morristown H.S.
	Henry Ling/EN.11	grade 12	Bergen County Academies
Hon.Men.			

Environmental Science

1st	Katherine Elizabeth Simko/EV.13	grade 12	Livingston High School
	Christine J Ha/EV.15	grade 11	Bergen County Academies
2nd	Jenna Heather Newman/EV.01	grade 12	Colonia High School
	Claudia Alexandra Salazar/EV.05	grade 12	North Plainfield High School
	Danielle Patrice Stewart/EV.05	grade 12	
3rd			
Hon.Men.	Navin Raj/EV.07	grade 11	Pascack Hills High School
	Lucas Hall/EV.11	grade 12	Pascack Valley High School
	Mohammad H. Paracha/EV.20	grade 11	Colonia High School

General Biology

1st	Madison Ashley Steele/GB.15	grade 11	Pascack Hills High School
	Andrew Lawrence Miller/GB.02	grade 12	Pascack Hills High School
2nd	Nikita Abirami Mahendra Kumar/GB.11	grade 12	pascack hills
3rd	Jennifer Chan/GB.13	grade 10	Bergen County Academies
Hon.Men.	Victoria Christine Bertsch/GB.09	grade 10	Colonia High School

Health and Physiology

1st	Simirpreet Kaur Gill/HP.20	grade 10	pascack hills
	Junyoung Choi/HP.14	grade 12	Bergen County Academies
2nd	Archanna Radakrishnan/HP.18	grade 12	Bergen County Academies
3rd	Erica Rachel Levine/HP.03	grade 11	Pascack Hills High School
	Amanda F. Fava/HP.03	grade 11	
	Varsha Subramaniam/HP.04	grade 10	Bergen County Academies
Hon.Men.	Apexa Modi/HP.15	grade 12	Bergen County Academies

Microbiology

1st	Regina Rijia Cai/MB.04	grade 12	Bergen County Academies
	Anthony Rocco Arena/MB.17	grade 12	Bergen County Academies
2nd	Jerry Anthony Caropolo/MB.05	grade 12	Pascack Hills High School
3rd	Lauren Chase Thau/MB.02	grade 10	Pascack Hills High School
	Michael Buldo-Licciardi/MB.08	grade 10	Pascack Valley High School
Hon.Men.	Carly Danielle Borinsky/MB.06	grade 12	Watchung Hills Regional High School
	Alexandra Churikova/MB.10	grade 11	Indian Hills High School
	Alina Rose Fiato/MB.11	grade 10	Bergen County Academies

Mathematics and Computers

1st	Aaron Lawrence Zweig/MC.04	grade 10	Randolph High School
	Wenyu Cao/MC.02	grade 12	Phillips Academy
2nd	Michael Bao/MC.05	grade 12	Livingston High School
	Diana Liao/MC.06	grade 10	Watchung Hills Regional High School
3rd			
Hon.Men.			

Physics and Materials

1st	Stephen Hill/PM.01	grade 12	Colonia High School
	Pavel Petrovich Shibayev/PM.13	grade 12	Bergen County Academies
2nd	Annie Yang /PM.03	grade 12	Watchung Hills Regional High School
	Michael Jonathan Wu/PM.03	grade 12	
	Liza Marie George/PM.03	grade 12	
	Devanshi Mehta/PM.06	grade 12	Watchung Hills Regional High School
	Shreyas Panchagnula/PM.06	grade 11	
3rd			
Hon.Men.	Renee Warrick/PM.16	grade 11	Colonia High School

SPECIAL AWARDS

1. Michael Bao/MC.05	Special Computing Award, Grand Prize grade 12	Livingston High School
1. Wenyu Cao/MC.02	Special Computing Award, First Place grade 12	Phillips Academy
1. Altamash Momin/MC.01 Alicia Heinjtes/MC.01	Special Computing Award, Second Place grade 11 grade 11	Colonia High School
1. Kavya Raghunath/MC.03	Special Computing Award, Third Place grade 9	Rutherford High School
1. Jae Seong No/CH.04	American Chemical Society Award, First Place grade 12	Bergen County Academies
1. Tara L Raj/CH.06	American Chemical Society Award, Second Place grade 11	Hunterdon Central Regional High School
1. Pavel Petrovich Shibayev/PM.13	American Chemical Society Award, Third Place grade 12	Bergen County Academies
1. Claudia Alexandra Salazar/EV.05 Danielle Patrice Stewart/EV.05	Field Ecology Award grade 12 grade 12	North Plainfield High School
1. Max Elliott Wasserman/CB.05	American Physiological Society Award grade 12	Millburn H.S.
1. Diana Liao/MC.06	Rutgers Student Award grade 10	Watchung Hills Regional High School
1. Michelle Guo/BI.01	grade 10	Bergen County Academies
2. Renee Warrick/PM.16	grade 11	Colonia High School
2. Aishwarya Raja/BI.11	grade 11	Bergen County Academies
2. Augustina Mensa-Kwao/BC.04	grade 12	Bergen County Academies
2. Winnie Wai-Yee Lau/CR.13	grade 10	Bergen County Academies
3. Khushali Upadhyay/BC.09	grade 12	Bergen County Academies
3. Ariana Aimani/BC.14	grade 11	Bergen County Academies
3. Benjamin Wang/BS.11	grade 12	Livingston High School
3. Lauren Sofie Wolfe/BS.13	grade 12	Livingston High School
3. Varsha Subramaniam/HP.04	grade 10	Bergen County Academies
3. Madeleine Lindsay Fein/HP.19	grade 11	Pascack Valley High School
3. Dongyoun Jang/CH.05	grade 12	Bergen County Academies
3. Aileen Jiang/EN.12	grade 12	Montgomery H.S.
3. Roshni Vijay Khatiwala/CB.03	grade 11	Pascack Hills High School
3. Nicole Rifkin/MB.12	grade 11	Pascack Valley High School
3. Elizabeth Laura Dente/CB.08	grade 11	Bergen County Academies
3. Naomi Dalia Scher/GB.10	grade 12	Pascack Valley High School
3. Navin Raj/EV.07	grade 11	Pascack Hills High School
3. Benjamin Vadim Lyaunzon/EV.08	grade 12	Pascack Valley High School

Statistics Award

1. Nicole Alexa Kaiden/BS.04 grade 11 Pascack Hills High School

Statistics Award, Second Place

1. Nikita Abirami Mahendra Kumar/GB.11 grade 12 pascack hills

Statistics Award, Third Place

1. Ariel Jennifer Katz/BS.08 grade 12 Pascack Hills High School

Statistics Award, Honorable Mention

1. Aileen Jiang/EN.12 grade 12 Montgomery H.S.
2. Terence An/CB.06 grade 12 Livingston High School

Theobald Smith Society Award in Microbiology

1. Regina Rijia Cai/MB.04 grade 12 Bergen County Academies
2. Anthony Rocco Arena/MB.17 grade 12 Bergen County Academies
3. Michael Buldo-Licciardi/MB.08 grade 10 Pascack Valley High School

Theobald Smith Society Award, Honorable Mention

1. Lauren Chase Thau/MB.02 grade 10 Pascack Hills High School
2. Alexandra Churikova/MB.10 grade 11 Indian Hills High School

David S. Young Memorial Award

1. Renee Warrick/PM.16 grade 11 Colonia High School

Army Outstanding Project Award

1. Stephen Hill/PM.01 grade 12 Colonia High School

Army First Place Project Award

1. Jerry Anthony Caropolo/MB.05 grade 12 Pascack Hills High School
2. Archanna Radakrishnan/HP.18 grade 12 Bergen County Academies
3. George Masanori Iwaoka/BI.04 grade 11 Bergen County Academies
4. Catherine Wong/EN.03 grade 10 Morristown H.S.

Army Achievement Award

1. Alison Dana Bick/EN.02 grade 12 Millburn H.S.
2. Wesley Yiin/EN.08 grade 11 Watchung Hills Regional High School
Jasmin Kah-Yan Lo/EN.08 grade 11
Manaswini Rajaran/EN.08 grade 11
3. Jae Seong No/CH.04 grade 12 Bergen County Academies
4. Max Elliott Wasserman/CB.05 grade 12 Millburn H.S.
5. Victoria ShiZhen Png/BI.10 grade 12 Bergen County Academies
6. Eric Scott Rosenfeld/GB.03 grade 11 Pascack Valley High School
7. Peter James Flint/EN.06 grade 12 Watchung Hills Regional High School
Geoffery Glenn Tanner/EN.06 grade 12
Marco Euclide Armenante/EN.06 grade 12
8. Joseph Luigi Setola/MB.03 grade 12 Pascack Valley High School
9. Ariel Jennifer Katz/BS.08 grade 12 Pascack Hills High School
10. Daniel Pierce Radin/CR.08 grade 10 Bergen County Academies
11. Shivani Vinay Shah/CR.07 grade 12 Bergen County Academies
12. Altamash Momin/MC.01 grade 11 Colonia High School
Alicia Heinjtes/MC.01 grade 11
13. Leah Okrainsky/PM.15 grade 11 Bergen County Academies
14. Paul Michael Armenta/CB.15 grade 12 Bergen County Academies
Ysa Esquilin/CB.15 grade 11

15. Navin Raj/EV.07 grade 11 Pascack Hills High School

Intel Excellence in Computer Science Award

1. Diana Liao/MC.06 *Jr. Division* grade 10 Watchung Hills Regional High School
1. Alison Dana Bick/EN.02 *Sr. Division* grade 12 Millburn H.S.

In Vitro Biology Award

1. Michelle Rudshsteyn/BC.15 grade 11 Bergen County Academies
2. Ariana Aimani/BC.14 grade 11 Bergen County Academies

Material Science Award

1. Junyoung Choi/HP.14 *Jr. Division* grade 12 Bergen County Academies
1. Stephen Hill/PM.01 *Sr. Division* grade 12 Colonia High School

Mu Alpha Theta Award

1. Michael Bao/MC.05 *Sr. Division* grade 12 Livingston High School

NOAA Award

1. Diana Liao/MC.06 *Jr. Division* grade 10 Watchung Hills Regional High School
1. Henry Ling/EN.11 *Sr. Division* grade 12 Bergen County Academies

National Society of Professional Engineers

1. Stephen Eric Bly/EV.03 *Jr. Division* grade 12 Pascack Valley High School
1. Aileen Jiang/EN.12 *Sr. Division* grade 12 Montgomery H.S.

Office of Naval Research Award

1. Jae Seong No/CH.04 grade 12 Bergen County Academies
2. Alison Dana Bick/EN.02 grade 12 Millburn H.S.
3. Aileen Jiang/EN.12 grade 12 Montgomery H.S.
4. Stephen Hill/PM.01 grade 12 Colonia High School

American Psychological Association Award

1. Simirpreet Kaur Gill/HP.20 *Jr. Division* grade 10 pascack hills
1. Maddy Rebecca Weinfeld/BS.03 *Sr. Division* grade 11 Pascack Hills High School

Ricoh Sustainable Development Award

1. Adam William Dahl/EV.18 *Jr. Division* grade 10 Colonia High School
1. Alison Dana Bick/EN.02 *Sr. Division* grade 12 Millburn H.S.

Scientific American Award

1. Aaron Lawrence Zweig/MC.04	grade 10	Randolph High School
2. Catherine Wong/EN.03	grade 10	Morristown H.S.
3. Lauren Chase Thau/MB.02	grade 10	Pascack Hills High School
4. Diana Liao/MC.06	grade 10	Watchung Hills Regional High School
5. Simirpreet Kaur Gill/HP.20	grade 10	pascack hills
6. Tara L Raj/CH.06	grade 11	Hunterdon Central Regional High School
7. Junyoung Choi/HP.14	grade 12	Bergen County Academies
7. Wenyu Cao/MC.02	grade 12	Phillips Academy
8. Joshua David Bocarsly/BI.07	grade 12	Lawrenceville School
9. Supriya Rastogi/CB.13	grade 12	Bergen County Academies
10. Shivani Vinay Shah/CR.07	grade 12	Bergen County Academies
11. Jun Park/CR.01	grade 11	Bergen County Academies
12. Madison Ashley Steele/GB.15	grade 11	Pascack Hills High School
13. Christine J Ha/EV.15	grade 11	Bergen County Academies
14. Katherine Yon Ebright/BC.11	grade 12	North Brunswick Township High School

Metric Award

Stockholm Junior Water Prize

	<i>Jr. Division</i>	
1. Adam William Dahl/EV.18	grade 10	Colonia High School
	<i>Sr. Division</i>	
1. Alison Dana Bick/EN.02	grade 12	Millburn H.S.
2. Ji Soo (Janet) Park/EV.09	grade 11	Bergen County Academies
3. Christine J Ha/EV.15	grade 11	Bergen County Academies

Yale Science and Engineering Award

1. Leah Okrainsky/PM.15	grade 11	Bergen County Academies
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