

MIT INSPIRE 2017 Finalists

Category	Project Title	Student Name(s)	City	State
Anthropology	An Analysis of Student Risk Perception of Drugs	Maria Mirasol	Port Washington	New York
Anthropology	Employing Novel Connection and Weighting of Natural Language Parse Trees to Analyze Unfolding of Darfur Crisis	Naman Baraya Srinidhi Krishnamurthy	Ashburn	Virginia
Anthropology	Main Factors Contributing to Cognitive Growth in Preschool Children in Tanzania and India	Jung Won Park	Tarrytown	New York
Anthropology	Murder, Buses, and Seafood: Improving Chinese Integration on South Korea's Jeju Island	Yoon Park	Seogwipo-si	New York
Anthropology	Flint Water Crisis: Impacts on Human-Environmental Interactions and Reflections for Future Solutions	Julia Shen	Beverly Hills	Michigan
Anthropology	The Effects of Mother-Infant Interactions on Infants' Transition from Crawling to Walking	Ryan Foo	Bronx	New York
Art & Architecture	Project Mercury: An Accurate Edge Detection and Character Recognition Tool for Analyzing Ancient Classical Inscriptions	Prathik Naidu	Sterling	Virginia
Art & Architecture	Performing Queer Italy: Apply Audre Lorde's Writings to KYRAHM and Julius Kaiser's "Il Gioielliere"	Hyonju Ahn	Irvine	California
Art & Architecture	Versatility of the Pointed Headdress in Hittite Cultic and Political Iconography	Harry Kwon	Old Tappan	New Jersey
Cultural Studies	The Relationship of Parent Education Level with Parenting Styles on Child Self-Esteem in Nanjing, China	Esther Lam	Bronx	New York
Cultural Studies	A Challenging Pride: The Merits of Constructive Patriotism in 21st Century America	Katy Shenk	Elizabethtown	Pennsylvania
Cultural Studies	Silenced: Spoken Word and Hip Hop as Means of Resistance	Valerie Zhang	Northville	Michigan
Cultural Studies	Mississippi K-12 Education: Can the State's Brightest Resource Solve Its Darkest Problem?	Greer Underwood	Jackson	Mississippi
Cultural Studies	The History of Asians in America, the Resulting Stereotypes, and its Modern Expression towards Asian-American Women in Politics	Elaine Wei	La Jolla	California
Cultural Studies	Marxist Ideology and Christian Doctrine: Implications for Modern China	Yue Jia Zhang	San Diego	California
Cultural Studies	Assessing the Socioeconomic Factors Behind Suicide Rates in Japan	Maria Hearn Anthony Fasula	Fort Pierce	Florida
Cultural Studies	They Swarmed With Celestials: Chinese Railroad Workers and the Model Minority Myth	Suzan Kim	Hackensack	New Jersey
Cultural Studies	An Examination of the Effects of the Illicit Drug Trade in Medellín, and Colombia itself	Rahul Babu	Beverly Hills	Michigan
Cultural Studies	Passed Along The Way: Postmodernism and Postcolonialism in Wong War Kai's Hong Kong	Max Nobel	Durham	North Carolina

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Cultural Studies	El Buen Camino: Dropout Rates, Explanatory Frameworks, and Cultural Subversion	Jay Lee	Paramus	New Jersey
CMS	Making Connections: A Study on How the Digital Age of Fandom Cultivates Creativity and Cultural Cognizance	Zong Zhang	Bellevue	Washington
CMS	From Foucault to Facebook: Self-Censorship in the Age of Social Media	Ashley Kwon	Troy	New York
CMS	How China's Conflicting Ideological and Commercial Motives Affect Hollywood	Amy Huang	Beverly Hills	Michigan
CMS	The identification of "healthy" social media use: A study of affluent suburban teens' use of Facebook, YouTube, and video games	Sarah Ehrlich	Armonk	New York
Economics	An Outline of Country Building: Learning from Economic Miracles to Industrialize Undeveloped Countries	Rahul Kaukuntla	Wallingford	Pennsylvania
Economics	Business Education and Parental Socialization as Correlates of Adolescent Financial Literacy and Decision Making	Rhea Dhingra	Jericho	New York
Economics	Mitigating Congestion through Map Design: A Case Study of Washington DC Subway	John Xu	Deerfield	Massachusetts
Economics	Taxation and Business Activity in the United States	Pranit Nanda	Reno	Nevada
Economics	Creation of an algorithm that uses news outlet data to better predict stock market trends	Suchet Taori Shwetark Patel	Alexandria	Virginia
Economics	Impact of Carbon Tax Policies on the Global Agricultural Economy: A Computational Spatial Partial Equilibrium Modeling Approach	Mary Zhu	Nashua	New Hampshire
Economics	Using Artificially Intelligent Swarm Optimization for Carry Trade Optimization to Generate Returns	Pratik Danu Runik Mehrotra	Bloomfield Hills	Michigan
Economics	The iRisk Model and the RiskFit App: Tracking Divergences in Risk "App"etite of Teens and Investment Professionals	Sidharth Muralidhar	Alexandria	Virginia
Economics	Haute Couture Purchase Intentions: How China's Economy is Going Fashion Forward	Maria Jamjoom	Houston	Texas
Economics	Reductions in public sector healthcare spending and QALY gained from pre-k targeted to high-risk children	Zoe Bertol-Foell	Bronx	New York
History	Buffalo Soldiers and Rough Riders: Separate and Unequal Treatment in the Spanish American War	Alexander Li	Plainsboro	New Jersey
History	Polarizing Politics, Jewish History, and Scapegoating: The Effects of the Dreyfus Affair	Ema Schumer	New York	New York
History	Examining the Montreal Protocol's Environmental Record As A Framework for the Kigali Amendment	Michael Cheng	Ardmore	Pennsylvania
History	Alaska Occupied: The Story of the Aleutian Campaign	Lukas Kauth	Cambridge	Massachusetts
History	Thomas Jefferson and Meteorology	Andrew Li	Glen Mills	Pennsylvania

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History	Chinese Restaurant Industry	Julie Peng	Sudbury	Massachusetts
History	The 1944 Vice Presidential Nomination for the Democratic Party of the United States and its Effects on Key Foreign Policy Issues	Tuhin Chakraborty	Troy	Michigan
History	Koreans Living in Japan: Chongryon's Fight Against Assimilation	Lenna Kanehara	Bloomfield Hills	Michigan
History	Mao Zedong's Self Inflicted Famine, 1958-1962	Grace Lu	Richmond	Virginia
History	Rise of Degeneracy in Nazi Political Culture: An Inevitable Attack on Modernity	Sophia Cai	Lawrenceville	New Jersey
History	A Leap of Faith: Inseparable Connections between Presidential Religious Belief and American Foreign Policy during Early Cold War	Yong Hee (Kevin) Jung	Windsor	Connecticut
History	The Theory of Revolution: Impact of Nationalistic vs. Ethnocentric Revolutionary Rhetoric on the Ethnic Relations... (con't)	Jia Zhang	Belmont	Massachusetts
History	A Game Theoretic Analysis of Ancient Chinese Military Strategies on Battle of the Red Cliffs	Alexander Kung	Wellesley	Massachusetts
History	The Collapse of the International Trade Organization: An Analysis and Autopsy of the Havana Charter	Ryan Leung	Lexington	Massachusetts
Linguistics	Is Vowel Insertion for Turkish Onset Cluster Repair Intrusion or Epenthesis? An Acoustic Study	Mallika Pajjuri	Dublin	California
Linguistics	Human-Computer Interaction: Translating English Into Code	Sophia Balkovski	Irvine	California
Linguistics	Researching the Implicit Content of Sluicing	Mrunali Manjrekar	San Jose	California
Linguistics	Emojis as a Novel Medical Language Interface	Karishma Muthukumar	Cerritos	California
Linguistics	From Babbles to Words: How Gender, Socioeconomic Status and Social Interactions Foster Infants' Language	Jiwon Yoon	Demarest	New Jersey
Linguistics	An Analysis of the Reduplication of Emojis	Jacob Dunefsky	Irvington	New York
Literature	Lessons in Re-Reading: Processes of Revision, Bodies, and Systems in Mary Shelley's Frankenstein and Herman Melville's Moby-Dick	Grace Sewell	Salem	Oregon
Literature	Crushing the Hourglass: The Nature of Time in Nabokov's "Lolita" and "A Nursery Tale"	Shannon Sommers	Brooklyn	New York
Literature	Alternating Sounds- Phonographies of Resistance in Postbellum American Literature	Joshua Massey	Durham	North Carolina
Literature	Rap and Poetry: Analyzing Repetitions in Artistic History	Vincent Hao	Austin	Texas
Literature	Satire, Religion, and Science in Vonnegut's Cat's Cradle	Eva Kitlen	Niwot	Colorado
Literature	The Infinity of Interpretation: Barthes, Bellatin, and the Essence of Haiku	Jhiseung Hahn	Exeter	New Hampshire
Music Research	Music of the Future: Collage and the Issue of Musical Progress	Daniel (Taeggin) Shin	San Francisco	California
Music Research	Analysis of Beethoven's "Grosse Fuge"	Samuel Sussman	Bedford	New York
Music Research	Decoding Winning Oscar Songs Using Logistic Regression Model	Kaitlynn Li	Plano	Texas

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Music Research	The Effects of Motivational Music and Intensity on Performance, Psychological and Psychophysical Responses	Sofia Guarnieri	Sleepy Hollow	New York
Music Research	Music to My Ears: The Positive Impacts of an El Sistema Inspired Community-based Music Program on Children	Matthew Minsoo Sakai Audrey Chung	Weston	Massachusetts
Philosophy	Empirical Ethics?	Ramon Lopez	Dallas	Texas
Philosophy	On the Nonhuman: A Reinterpretation of Deep Ecology	Ida Kao	Blacksburg	Virginia
Philosophy	A Moral Theory of Punishment: What Criminal Behavior teaches us about Punishment, Responsibility, and Just Deserts	Alex Quan	San Diego	California
Philosophy	Nudge Theory: The Legitimacy of Implementing Heuristics in Choice Architecture	Sharon Lin	New York	New York
Political Science	The Electoral College: A Mathematical Model of Decisive Voting Power Using Enumerative Combinatorics	Lucia Zheng	Aloha	Oregon
Political Science	A Rothbardian Justice System and Political Feasibility	Nathaniel McCloud	Elizabethtown	Pennsylvania
Political Science	How do police enforce the construct of race in America?	Djelimory Diabate	DURHAM	North Carolina
Political Science	Assessing the Political Alignment of Americans Using the Biological and Cultural r/K Selection Theories	Jennifer Profitt	Camden	Ohio
Political Science	How Conservative Evangelism in Politics Led to Trump's Victory in the 2016 Presidential Election	Emily Hench	Durham	North Carolina
Political Science	The Influence of Satire in Politics	Theresa Voyles	Durham	North Carolina
Political Science	Mni Wiconi	Vivian Snyder	Durham	North Carolina
Political Science	Predictive Modeling of the Factors that Influence Presidential Elections	Gaurav Sharma Rachel Ma	Lincroft	New Jersey
STS	"Not So Dumb Jock": The Effects of High School Athletic Participation on Student Productivity and Achievement	Sarah Finkelstein	Port Washington	New York
STS	Genetic Identity Theft: Legislative Solutions for the Protection of Genetic Information	Preanka Pillai	Marlboro	New Jersey
STS	The Ethical Cost of Biological Warfare in Unit 731	Joy Lu	Durham	North Carolina
STS	The Ethics of Linking Genetics and Crime	Nikhil Dwibhashyam	Lake Orion	Michigan
STS	An Eco-Engineering Revolution: Why Biomimicry in the 21st Century is Vital	Chance Emerson	Concord	New Hampshire
STS	How Cities Contribute to Innovative Success	Alexis Yan	Rochester Hills	Michigan
STS	The "Airpocalypse" in Cities Around the World	Jake Li Sinan Abdulhak	Bloomfield Hills	Michigan
STS	Designer Babies: A Revolutionary Advancement or an Ethical Disaster!	Anushka Dalvi	Troy	Michigan
STS	A Prudent and Democratic Approach to Regulating CRISPR/Cas 9 Technology	Daniel Cui	Deerfield	Massachusetts
STS	Environmental Injustice: A National and International Perspective	Janis Arrojado	Durham	North Carolina
STS	School lunches in the United States compared to England and Canada	Sarah Bdeir	Bloomfield Hills	Michigan

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STS	The Ethics of Animal Testing	Christin Ealer Jahnavi Rao	Berwyn	Pennsylvania
STS	Predicting the End of California's Water Crisis Through Data Analysis	David Wu Justin Yang	San Mateo	California
STS	Liking to Share: The Practical and Ethical Dilemma of Increasing US Organ Transplant Donor Pools in the Context of Social Media	Julianne Kim	Fullerton	California
STS	The Effect of the Classroom Climate on Academic Engagement in Inner City Schools	Jazzmin McMyers	Bronx	New York
STS	The Effect of Early Child Care Provider Characteristics on Provider's Perceptions of Parenting Style	Tahany Moosa	Bronx	New York
WGS	From "Sissies" to Queerbaiting: The Continual Struggle for LGBTQ Representation in Film and Television	Sandra Chen	Pleasanton	California
WGS	The war within the Sex: Examining Barriers to Solidarity within the U.S. Feminist Movement	Elaina Sassine	La Jolla	California
WGS	Gender Differences in Elite Archers	Mina Burns	San Diego	California
WGS	Body Image from the Victorian Age to the Roaring Twenties	Lee Duan	Longmeadow	Massachusetts
WGS	The Effect of Gender Stereotype and Stereotype Inconsistency on False Memory of Occupation Descriptions	Isabella Greco	Bronx	New York
WGS	The Role of Hayao Miyazaki's Female Characters in Encouraging Realistic Empowerment of Japanese Women and Girls	James Noh	Irvine	California
WGS	Left On Top: Women World Leaders & Political Ideologies	Eunice Park	North Hollywood	California
WGS	The Factors that Affect Risk-Taking in Boys and Girls	Caroline Kachnowski	Sleepy Hollow	New York
WGS	The Extent of Gender Imbalance in High School Debate	Amanda Tanaka	San Diego	California
WGS	Keepin' It Real: Hip-Hop as a Platform for the Third-Wave Feminist Movement	Isabelle Lee	Irvine	California
WGS	Let children play: A pilot study of the impact of demographics on mothers' attitudes towards children's play behaviors	Chloe Canaan	Armonk	New York
WGS	Predictors of Age at First Marriage in South and Southeast Asia	Maya Osman-Krinsky	Bronx	New York