



HARVARD UNIVERSITY
FACULTY OF ARTS AND SCIENCES

2018 Thomas T. Hoopes Prize Winners

for excellent undergraduate work and excellence in the art of teaching

- Altan, Defne for her submission entitled “Novel biomarkers for visceral and liver fat: Establishing a framework for testing the role of ectopic fat in cognitive impairment”—supervised and nominated by Professor Bruce Kristal
- Asimow, Lev Benjamin for his submission entitled “The Phenomenology of Revolution: Maurice Merleau-Ponty and the Promise of an Existential Liberalism”—supervised and nominated by Mr. Charles Clavey
- Atwood, Emeline Noelle for her submission entitled “The Strays”—supervised and nominated by Mr. Bret Johnston
- Barber, Nicholas Fine for his submission entitled “‘The Court’s Gotta Eat’: Indigent Defense and the Rise of Mass Incarceration in Louisiana from Gideon to Katrina, 1963–2005”—supervised and nominated by Mr. Jonathon Booth
- Becker, Marie Christin for her submission entitled “The United Space: Transnational Expert Networks and Cooperation in Space between the U.S. and the U.S.S.R. during the Cold War”—supervised and nominated by Mr. Matthew Reichert
- Blanton, Katherine Lewis for her submission entitled “The Doomsday Doctors: Medical Activism in the Nuclear Age, 1960–2000”—supervised and nominated by Professor Scott Podolsky
- Brooks, Rebecca Claire for her submission entitled “The Federalist Papers and Their Intellectual Influences: The Making of American Constitutional Discourse and Method”—supervised and nominated by Professor James Kloppenberg
- Byrne, Hannah for her submission entitled “An Experiment in Earthquake Control at Rangely, Colorado, Revisited: A Coupled Flow-Geomechanical Analysis of Induced Seismicity”—supervised and nominated by Professor John H. Shaw
- Cernius, Natalie Anne for her submission entitled “Realizing Ability in Disability: A Principle of Educational Justice for Students with Special Needs”—supervised and nominated by Professor Regina Schouten

- Chen, Claire Yongkun for her submission entitled “A Gift for Whom? The Relationship between Gifted and Talented Programs and Student Performance”—supervised and nominated by Professor Jeffry Frieden
- Corbus, Josiah Barclay for his submission entitled “‘We Ask No Favors’: The Founding of Deeds in Black Abolitionist Thought”—supervised and nominated by Dr. Lynne Feeley
- Counts, George Miles for his submission entitled “A House is Not a Home: Heirs’ Property, Black Women’s Art, and the Intestacy of the Black Family in the South Carolina Lowcountry”—supervised and nominated by Dr. Paul J. Edwards
- Delwiche, Noah James for his submission entitled “Divided We Stand: Margaret Cavendish and the Material Divisibility of Souls”—supervised and nominated by Professor Alison Simmons
- Delwiche, Theodore Richard for his submission entitled “*in silvis Academia surgit*: Latin Learning in Seventeenth-Century New England”—supervised and nominated by Professor Ann Blair and Mr. Massimo Ce
- Dinopoulos, Stergios for his submission entitled “To Μάτι (The Eye)” —supervised and nominated by Professor Steven Ascher
- Doner, Timothy for his submission entitled “Blood, Soil, and Oil: A Study of Fascism in Post-War Iran”—supervised and nominated by Professor Justine Landau
- Dybala, Michael Paul for his submission entitled “An exploration of epigenetic modulation in type 1 diabetic human immune cells following exposure to *Mycobacteria bovis*”—supervised and nominated by Dr. Denise Faustman
- Ernst, Julia Margaret for her submission entitled “Soft Wearable Sensors to Measure Stresses in Prosthetic Sockets”—supervised and nominated by Professor Jennifer Lewis and Dr. Nathaniel Taylor
- Gao, Alan for his submission entitled “Mechanisms of DNA-Protein Crosslink Proteolysis during DNA Replication”—supervised and nominated by Professor Johannes Walter
- Girma, Eden for their submission entitled “Astrometric Detection of Intermediate-Mass Black Holes”—supervised and nominated by Professor Abraham Loeb
- Gold Hodgkin, Gabriel for his submission entitled “15 and a Union: Strategy and Outcomes in the Fight for 15 Movement”—supervised and nominated by Dr. Alison Jones
- Goldberg, Alexander Koujianos for his submission entitled “Towards Differentially Private Inference on Network Data”—supervised and nominated by Professor Salil Vadhan
- Gompers, Annika for her submission entitled “Identification of transcriptional regulators of whole-body regeneration”—supervised and nominated by Professor Mansi Srivastava

- Gonzalez, Emilia for her submission entitled “Exercise Induces the Birth of New Cardiomyocytes in the Adult Mammalian Heart”—supervised and nominated by Professor Richard T. Lee
- Gowravaram, Nihal Reddy for his submission entitled “Zero Knowledge Proofs and Applications to Financial Regulation”—supervised and nominated by Professor Boaz Barak
- Grimm, Benjamin David for his submission entitled “Being Muslim, Becoming Swedish: Swedish-Muslim identity and the challenge to secular nationalism”—supervised and nominated by Professor Michael D. Jackson
- He, Waverley Ying for her submission entitled “Characterizing the Morphology and Interactions of Glia in the Developing Cerebellum”—supervised and nominated by Professor Jeff Lichtman
- Hightet, Gilbert Alexander for his submission entitled “When Philosophers Become Princes: Henry Kissinger, the Atlantic Alliance, and the Oil Crisis, 1973–1974”—supervised and nominated by Professor Charles Maier
- Hu, Jennifer for her submission entitled “The Mathematics of Meaning: A Bayesian Approach to Comparing the Pragmatics of English and Chinese”—supervised and nominated by Professor Martin Nowak
- Jagadeesan, Ravi for his submission entitled “Crepan resolutions of Q-factorial threefolds with compound Du Val singularities”—supervised and nominated by Professor Jonathan Esole
- Juang, Chi-Chun Alicia for her submission entitled “Modeling Salt Marsh Restoration for Improved Carbon Storage”—supervised and nominated by Professor Elsie Sunderland
- Kaufman, Sophia Marion for her submission entitled “Stories of Suffering: The Role of Society, Culture, and History in the Making of West Virginia’s Opioid Epidemic”—supervised and nominated by Dr. Omar Haque
- Kelley, Caie Caitlin for her submission entitled “A Democratic and Islamic State: The Effect of Islam on Women’s Outcomes in Indonesia”—supervised and nominated by Professor Amartya Sen
- Koreh, Raya Rivka for her submission entitled “The Holocaust in American Jewish Life: Redefining Memory, Community, and Activism, 1960–1976”—supervised and nominated by Professor Derek Penslar
- Lachenauer, Anna for her submission entitled “Development of field-deployable diagnostic tools for improved detection of Lassa virus in endemic regions”—supervised and nominated by Professor Pardis Sabeti
- Ladd, Taylor Gisèle for her submission entitled “Four- and Five-Year-Olds Weigh Race and Shirt Color Equally When Making Social Decisions”—supervised and nominated by Professor Elizabeth Spelke and Ms. Ann Frost

- Lan, Vincent Tianxing for his submission entitled “When It Was Morning He Bought Her Breakfast and Left”—supervised and nominated by Professor Steven Ascher
- Lee, Jae Hyun for his submission entitled “Badge of Honor? Labor Market Implications of Mandatory Military Service in the Republic of Korea”—supervised and nominated by Professor Dale Jorgenson
- Li, Catherine Yiwen for her submission entitled “Novel methods for cross-population prediction of gene expression”—supervised and nominated by Professor Alexander Gusev
- Li, Eric Haocheng for his submission entitled “Characterizing transcriptional effects of knocking out schizophrenia-associated genes *tcf4* and *znf804a*”—supervised and nominated by Professor Alexander Schier
- Loboda, Katherine for her submission entitled “From Mendel’s Peas to P-Values: A Network Approach to Understanding Complex Disease Heritability”—supervised and nominated by Professor John Quackenbush
- Mai, Margot Sabina for her submission entitled “Street Hurt: Injury and Care in Nigerian Sex Work Migration”—supervised and nominated by Professor Arthur Kleinman
- Maldonado, Karen Maria for her submission entitled “Strong Women, Dainty World: Embodying Resistance to Hegemonic Feminine Ideals”—supervised and nominated by Ms. Charlotte Lloyd
- Marsh, Sally Caroline for her submission entitled “How Manistee Flipped: Understanding the 2016 Trump and Clinton Campaigns through One Pivotal Michigan County”—supervised and nominated by Professor Theda Skocpol
- Masmoudi, Iman Aysha for her submission entitled “The Broken Chain: Understanding the Modern Crisis of Islam through the Rupture of Traditional Education”—supervised and nominated by Mr. Rushain Abbasi
- Mathur, Shreya for her submission entitled “Role of Nociceptors in Driving Antibody Class Switching in Allergic Inflammation”—supervised and nominated by Professor Clifford Woolf
- Min, Jessica for her submission entitled “No Room for Muhammad: Evidence of Discrimination from a Field Experiment over Airbnb in Australia”—supervised and nominated by Professor Benjamin Edelman
- Monti, Vincent Paul for his submission entitled “The Patient Protection and Affordable Care Act: A Personal Bankruptcy Panacea—or Placebo?”—supervised and nominated by Professor David Cutler
- Mulholland, Quinn Tolbert for his submission entitled “Solitary in Suburbia: The Social Networks of Suburban Voucher Holders in Atlanta”—supervised and nominated by Mr. Thomas Wooten

- Muradzikwa, Terrens for his submission entitled “The Impact of Mineral Discovery on Employment, Fertility Preferences, and Child Immunization in Developing Countries: Evidence From Zimbabwe”—supervised and nominated by Professor Mahesh Karra
- Neberai, Yousra for her submission entitled “A Dilemma of Diversity? The Relationship between Ethnic Fractionalization and Universal Health Coverage in Africa”—supervised and nominated by Professor Melani Cammett
- Novis, Hailey Sabina for her submission entitled “Parkinson’s Disease-Linked Gene Products Alter Mitochondrial Function”—supervised and nominated by Professor Matthew LaVoie
- O’Brien, Maeva for her submission entitled “Present Absence: History, Literature, and Hiroshima in Cat’s Cradle and Ceremony”—supervised and nominated by Professor Ju Yon Kim
- Paterson, Robert Blake for his submission entitled “Out of the Closet, into the Voting Booth: Gay Power, Politics, and Visibility in Houston, Texas, 1975–1985”—supervised and nominated by Mr. Andrew Pope
- Peak, Barra Augusta for her submission entitled “Glacial Isostatic Adjustment in Regions of Complex Earth Structure”—supervised and nominated by Professor Jerry Mitrovica
- Perdomo, Juan Carlos for his submission entitled “Universal Noise Models in Machine Learning”—supervised and nominated by Professor Yaron Singer
- Polik, Catherine Ann for her submission entitled “Impacts of Paleoecology on the TEX86 Paleotemperature Proxy”—supervised and nominated by Professor Ann Pearson and Dr. Felix Elling
- Prager, Paulena Bella for her submission entitled “The Groundless War: A Cultural History of the Helicopter in Vietnam”—supervised and nominated by Dr. Steven Biel
- Prasad, Rohil Ray for his submission entitled “The Seiberg-Witten invariant of a Homology $S^1 \times S^3$ ”—supervised and nominated by Professor Clifford Taubes
- Ribeiro, Carolina for her submission entitled “Invisible Assets: Experiences of Harvard Students in the Recruiting Process for Finance Jobs”—supervised and nominated by Dr. Tiffanie Ting
- Scherlis, Lily Claire for her submission entitled “A Virtual Address/A Headspace”—supervised and nominated by Mr. Ernest Mitchell
- Serlin, Theo for his submission entitled “Poverty and Un-British MPs: Transnational Politics and Economic Thought in Britain and India, 1886–1936”—supervised and nominated by Professor Emma Rothschild
- Shapiro, Samuel for his submission entitled “Michael Asher’s Museology”—supervised and nominated by Professor Benjamin H. D. Buchloh and Professor Steven Caton

- Shelburne, Caleb Ogden for his submission entitled “Murmurs on the Orient Express: Ottoman Tracks in European Railway History”—supervised and nominated by Dr. Ugur Pece
- Shore, Jennifer Aliza for her submission entitled “Employees of the Refugees: The Improvement of Services and Governance through Refugee Protest in Zaatari Camp”—supervised and nominated by Dr. Jill Goldenziel
- Szanto, Aron for his submission entitled “Defuse the News: Predicting Misinformation and Bias in News on Social Networks via Content-Blind Learning”—supervised and nominated by Professor David Parkes
- Tang, Johnny Jia Hao for his submission entitled “Wrong Turns and Right Tails: Identifying Detours in New York City Taxi Rides”—supervised and nominated by Professor Edward Glaeser
- Tervo, Caroline McKenzie for her submission entitled “Conservatives in Concert: The Impact of Partisan Organizational Networks on Policy and Politics in North Carolina”—supervised and nominated by Professor Theda Skocpol
- Vanderhorst, Gregory Scott for his submission entitled “Perverse Incentives or Pre-existing Trends: Has the Expansion of Medicaid Exacerbated the Opioid Crisis?”—supervised and nominated by Professor Nicole Maestas
- Wu, Annie for her submission entitled “They Call Me Mignon: Expanding Narration in the Instrumental Performance of Goethe’s Mignon Lieder”—supervised and nominated by Dr. Cécile Guédon
- Yang, Eric for his submission entitled “Should We Fight over Free Lunches? Analyzing Spatial Competition on Local Business Subsidies”—supervised and nominated by Professor Stefanie Stantcheva
- Yarlagadda, Siddharth for his submission entitled “When Evolution Hurts: Functional Testing of Candidate Variants Associated with Increased Susceptibility to Osteoarthritis”—supervised and nominated by Professor Terence Capellini
- Yoon, Kate Sohyun for her submission entitled “Culture and Agency in Kant’s Plan for Perpetual Peace”—supervised and nominated by Professor Danielle Allen