2020 Thomas Temple Hoopes Prize Winners
for excellent undergraduate work and excellence in the art of teaching

- Salma Abdelrahman for her project entitled “In That Beautiful Light”—nominated by Ms. Christina Twicken

- Leena Anupama Ambady for her project entitled “From Semiconductors to Recombinant DNA: The Silicon Valley Toxics Coalition’s Battle for Public Oversight of Science and Technology, 1982–1987”—nominated by Ms. Colleen Lanier Christensen

- Nada Alaa Attia for her project entitled “Let’s Talk about Sexually Transmitted Infection: Exploring Arab Immigrant Mothers’ Conceptions Surrounding HPV, Cervical Cancer, and Its Methods of Prevention”—nominated by Professor S. V. Subramanian

- Constance Marie-Sophie Bourguignon for their project entitled “‘No Way to Speak of Myself’: Lived and Literary Resistance to Gender in French”—nominated by Professor Annabel Kim

- Yi Hua Chen for her project entitled “Investigating the Role of the G1 Phase of the Cell Cycle in the Maintenance of Genomic Integrity in S. cerevisiae”—nominated by Professor Andrew Murray

- Zihong Chen for his project entitled “Special Lagrangians in the Landau-Ginzburg Mirror of CP^2”—nominated by Professor Denis Auroux

- Alice Siyu Cheng for her project entitled “The Socioeconomic Effects of Displacement from Racial Violence: Evidence from the 1921 Tulsa Race Massacre”—nominated by Professor Desmond Ang

- Julie Sunyoung Chung for her project entitled “Redefining ‘Inclusive Science’: Hawai‘i’s Multicultural Settler Colonial Context”—nominated by Professor Ajantha Subramanian

- Caroline Margaret Cohen for her project entitled “Fighting Uphill: Three 2018 Congressional Campaigns Where Democrats Made Gains in Conservative America”—nominated by Professor Theda Skocpol
• Christopher Gregory Colby for his project entitled “Voicing Tragedy: A Realization of Ancient Greek Music”—nominated by Professor Alexander Rehding and Professor Naomi Weiss

• Una Callahan Corbett for her project entitled “‘Organize, Agitate, Educate’: Making Political Meaning of the American Women’s Suffrage Centennial”—nominated by Dr. Lauren Brandt

• Angie Cui for her project entitled “Diplomas for Diplomacy: Foreign Students in China and the Soft Power Question”—nominated by Mr. Austin Strange

• Isabelle Katherine Madden DeSisto for her project entitled “From the ‘Island of Freedom’ to the Iron Curtain: Rethinking the Role of Soft Power in Soviet-Cuban Educational Exchange Programs”—nominated by Dr. George Soroka

• Sophia Concetta DiCara for her project entitled “Locked in Bridgewater: Ethnic Tensions, Labor, and the Emergence of the Carceral State in Massachusetts, 1853–1933”—nominated by Mr. Aaron Bekemeyer

• Caroline Elizabeth Diggins for her project entitled “A Primatized Mouse Model: A Platform for Assessing Human, Chimpanzee, and Gorilla Gut Microbiomes”—nominated by Professor Rachel Carmody

• Caroline Sarence Engelmayer for her project entitled “Aliquis est ex me pius? Seneca’s Phoenissae and Its Early Modern Reception”—nominated by Professor Leah Whittington and Professor Richard Tarrant

• Pedro Farias for his project entitled “Riding with Charlie: Public Transportation Policy and Its Impact on Businesses and Road Safety in Massachusetts”—nominated by Professor Edward Glaeser

• Gabriel Spaulding Fox-Peck for his project entitled “Glorybound”—nominated by Ms. Kera Street

• Joyce Wai Yun Fung for her project entitled “To My Carpenter Center for the Visual Arts”—nominated by Ms. Katarina Burin

• Michael Gao for his project entitled “Investigating RNA Structure in Translation: A Functional and Biochemical Characterization of the CaMK2Δ± Internal Ribosome Entry Site”—nominated by Professor Victoria D’Souza

• William Gao for his project entitled “Discovery and functional characterization of non-coding RNAs in eukaryotic genomes”—nominated by Dr. Elena Rivas

• Jackson Mercer Grigsby for his project entitled “Re-Examining Resistance and Revolt at Sobibór”—nominated by Dr. Brandon Bloch
• Joshua Martin Grossman for his project entitled “A Novel 3D Model-Based Petroleum Resource Estimate of the Qaidam Basin in Northwest China and Implications for the Future of China’s Energy Economy”—nominated by Professor John Shaw

• Dhruv Gupta for his project entitled “Bike Sharing Is Transit: Building Tools to Plan and Optimize Bike-Sharing Networks”—nominated by Mr. Jinyan Zang

• Emilee A. Hackney for her project entitled “Unlost: From Appalachia to Harvard and Back”—nominated by Professor Michael Pollan

• Jamie Halper for her project entitled “‘Imagination Joggers’: Women’s Fight to Eliminate Sex-Segregated Classified Advertisements from American Newspapers, 1964–1973”—nominated by Professor Louis Menand and Dr. Lauren Kaminsky

• Tessa Han for her project entitled “Applying Mediation Analysis to Predict Feed Forward Loops as Gene Regulatory Mechanisms in Multiple Myeloma: A Novel Statistical Approach”—nominated by Professor Giovanni Parmigiani

• Hannah Kate Harris for her project entitled “As a Woman and as a Mother of Sons: Maternal Blame Attribution towards Victims of Sexual Violence”—nominated by Professor Max Krasnow

• Nathan Lewis Hollenberg for his project entitled “Drawing the New NBA Three-Point Line: A Statistical Approach to Determining Its Location and Effect on the Game”—nominated by Dr. Kevin Rader

• George L. Hu for his project entitled “U.S. Patents and Global Performance”—nominated by Professor Marc Melitz

• Meena Jagadeesan for her project entitled “The Performance of Johnson-Lindenstrauss Transforms: Beyond the Classical Framework”—nominated by Professor Jelani Nelson

• Ariella F. Kahan for her project entitled “Friends or Foes? Palestinian Arabs in the Eyes of American Women Zionists, 1929–1948”—nominated by Professor Derek Penslar

• Allison Huang Kao for her project entitled “A Single-Cell Atlas of the Peromyscus Retina: Evolution at the Cell-Type Level”—nominated by Professor Joshua Sanes

• Matthew Keating for his project entitled “From Lesvos to Leipzig: Comparative Legal Frameworks and Obstacles for LGBTQ Asylum Seekers in the European Union”—nominated by Professor Jacqueline Bhabha

• Trevor Wade Ladner for his project entitled “Blackness on the Whiteboard: Teaching Race and Racism in Mississippi Social Studies Education”—nominated by Mr. Thomas Wooten

• Allison Shu Ting Law for her project entitled “Consider the lobster ectocommensal, Symbion americanus: Phylogeographic analysis reveals spatial niche partitioning on host mouthparts”—nominated by Professor Gonzalo Giribet
• Sabrina Helen Li for her project entitled “Mother, Grow My Baby”—nominated by Ms. Laura van den Berg

• George Tiger Liu for their project entitled “A(BD)SMR”—nominated by Professor Matthew Saunders

• Jason Yecheng Ma for his project entitled “From Adversarial Imitation Learning to Robust Batch Imitation Learning”—nominated by Professor David Parkes

• Beatriz Velloso Marinho for her project entitled “The Impact of Pacification Policies on Student Achievement: Evidence from the UPP Intervention in Rio de Janeiro”—nominated by Professor Michela Carlana

• Hillary McLauchlin for her project entitled “State of the Art: Contemporary Chinese Art in the Age of Surveillance”—nominated by Dr. Mark Sanchez

• Gavin Bernard Moulton for his project entitled “Şişli Mosque: The Changing Aesthetics and Politics of Mosque Building, Restoration, and Calligraphy in the Turkish Republic, 1923–1957”—nominated by Professor Gülru Necipoğlu Kafadar and Dr. Himmet Taskomur

• Maribel Nava for her project entitled “State Carceral Institutions and Community Identity in Rural America: Perceptions of Community in Dilley, Texas”—nominated by Mr. Ethan Raker

• Laura M. Nicolae for her project entitled “The Effects of Liquidity Regulation on Bank Demand for Reserves and the Federal Reserve’s Balance Sheet Policy”—nominated by Dr. Jeffrey Miron

• Petra Laura Oreskovic for her project entitled “Media Bias on Television and Its Determinants”—nominated by Professor Alberto Alesina

• Cristopher Gor Patvakanian for his project entitled “The Ethnic Connection: Armenian Diaspora Investment”—nominated by Professor Jeffry Frieden and Dr. Lisa Gulesserian

• Yong Han Poh for her project entitled “Love, Labour, Loss: Voices of Migrant Worker Poets and Storytellers in Singapore”—nominated by Dr. Philip Kao and Dr. Nicole Newendorp

• Alejandro Ruben Quintana for his project entitled “Local Migration in the Arsinoite Nome of Egypt during the Early Principate”—nominated by Professor Giovanni Bazzana and Professor Paul Kosmin

• Alexander L. Ren for his project entitled “Modeling NaV1.7 Channelopathies Using Genetically-Engineered Genetically Engineered Human iPSC-Derived Sensory Neurons”—nominated by Dr. Clifford Woolf

• Dylan R. Rice for his project entitled “The Impact of Stereotypes on the Health and Healthcare of Gay Men”—nominated by Professor James Sidanius
• Damian Lendell Richardson for his project entitled “‘It Makes Me Do More’: Community Violence and Civic Engagement in Chicago’s High-Crime Neighborhoods”—nominated by Professor Adaner Usmani and Dr. Anya Bassett

• Daniel L. Rosenblatt for his project entitled “‘Dejáme que te cante yo tambiéin’: Constructing Working-Class Puerto Rican Identity in New York City, 1917–1936”—nominated by Dr. Andrew Pope

• Alexis Jihye Ross for her project entitled “Using Linear Approximations to Explain Complex Blackbox Classifiers”—nominated by Professor Himabindu Lakkaraju and Professor Bernhard Nickel

• Isabel Clara Ruehl for her project entitled “Growing Up, Aging Out: Autism across a Lifespan”—nominated by Ms. Jill Abramson

• Dylan Kenneth Ryals for his project entitled “Of Mites and Men: Using Spatially Explicit Sampling and Genetic Sequencing to Uncover Disease Dynamics of Honeybee Parasite Varroa destructor in Migratory Apiculture”—nominated by Professor Brian D. Farrell

• Rachel Marie Schartz for her project entitled “Slaves and Saviors: An Ethnographic Study of a Safe Home for Survivors of Sex Trafficking”—nominated by Dr. Andrew Brandel

• Julia Coburn Schroeder for her project entitled “Courting Chancery: The Politics of Petitioning in Fifteenth-Century England”—nominated by Mr. Eric Nemarich

• Amir Siraj for his project entitled “Observational Signatures of Interstellar Objects and Their Implications for Astronomy”—nominated by Professor Abraham Loeb

• Chinmay Sonawane for his project entitled “A Defence of the Queens of Africa: The Public Health and Economic Benefits of Spotted Hyenas (Crocuta crocuta)”—nominated by Professor David Haig

• Lauren Delaney Spohn for her project entitled “Poetics of a Dyspeptic Prophet: Sartor Resartus, The French Revolution, and the Forms of Thomas Carlyle’s Life-Philosophy”—nominated by Professor Louis Menand and Mr. Martin Quinn

• Mirac Suzgun for his project entitled “Formal Language Theory as a Framework for Understanding the Limitations of Recurrent Neural Networks”—nominated by Professor Stuart Shieber

• Natalie I. Swartz for her project entitled “Evidence-Based Care for the Most At-Risk: Exploring Access to Medication Treatment among Opioid Users Experiencing Homelessness”—nominated by Dr. Avik Chatterjee

• Sarah Lynn Toomey for her project entitled “Keeping Score”—nominated by Professor Jorie Graham
Sierra Tseng for her project entitled “The Role of PU.1 Transcription Factor in Mediating Inducibility of Human Hematopoietic Enhancers”—nominated by Professor Leonard Zon

Julian Philip Ubriaco for his project entitled “The Promise of a Cure: Measuring the Welfare Gain to Hemophilia A Patients from Gene Therapy”—nominated by Professor Ariel Pakes

Jordan M. Villegas for his project entitled “La Pocha, Sin Raíces (Spoiled Fruit, Without Roots): A Genealogy of Tejana Borderland Imaginaries”—nominated by Professor Durba Mitra

Jordan Elizabeth Virtue for her project entitled “A Civil War of Universities: Harvard and the ‘Harvard of the South’ in William Faulkner’s Novels”—nominated by Professor Glenda Carpio

Aakanksha Samir Vora for her project entitled “Beyond Banking the Unbanked: The Effects of India’s Demonetization on Financial Inclusion and Consumption Smoothing”—nominated by Professor Emily Breza

Alexander Wei for his project entitled “Optimal Las Vegas Approximate Near Neighbors in Lp”—nominated by Professor Jelani Nelson

Nicolas Weninger for his project entitled “Electro-Acoustic Modulation of Surface Acoustic Waves on Thin-Film Lithium Niobate Substrate”—nominated by Professor Marko Loncar

Carter Jarrod Wilcox for his project entitled “Big Data, Brooches, and Boudica: Using Computational Methods to Reveal New Historical Puzzles”—nominated by Professor Michael McCormick

Adele Woodmansee for her project entitled “‘It is Pure Criollo Maize’: Subsistence Agriculture and Ideas of Locality and Contamination in San Miguel del Valle, Oaxaca”—nominated by Professor Gary Urton

Alex Alexis Wu for his project entitled “The Changing Nature of Political Polarization in the United States”—nominated by Professor Andrei Shleifer

Shangda Xu for his project entitled “The Effect of Admissions Test Design on the Equity of Student Outcomes: Evidence from the New SAT”—nominated by Professor Martin West

Nicolas Z. Yan for his project entitled “Just Work? Redistribution, Recognition, and the Future of Employment”—nominated by Professor Danielle Allen

Wanqian Yang for his project entitled “Making Decisions under High Stakes: Trustworthy and Expressive Bayesian Deep Learning”—nominated by Professor Finale Doshi-Velez

Shireen Younus for her project entitled “The Real Color of Islam: The Impact of Islamization on Muslim Minorities in Pakistan”—nominated by Ms. Natasha Murtaza
• Michael Zhang for his project entitled “Automated Activity Discovery and Object Detection with Computer Vision: Towards Unsupervised Learning for Breakfast to Surgery”—nominated by Professor Serena Yeung

• Lisa Zheng for her project entitled “Yes She Can: Female Artistic Production in Parisian Art Markets, 1737–1820”—nominated by Professor Ewa Lajer-Burcharth and Dr. Mark Glickman

• Eric Yanhan Zhou for his project entitled “Virginia Woolf’s Critique of Sympathy”—nominated by Professor James Wood and Ms. Michelle Taylor