Academic Initiative Awards Spring 2017
Curriculum Projects
Facilitating Virtual Language Immersion for Second Language Classes*
Carolina Barrera-Tobon, Modern Languages

Screencasting Problem Solutions for MAT 147-148-149
Bill Butterworth, Mathematical Sciences

Lightboards for Online Business Calculus
Bill Chin, Mathematical Sciences

Encore Entrepreneurship: A Pilot Program
Marty Martin, Management and Entrepreneurship

The Modern Marketing Lab: Blending Classroom Learning with Practical Application
Jim Mourey, Marketing

Expanding the Arts Leadership MFA to the School of Music
Alan Salzenstein, Music

Online Executive track in Refugee and Forced Migration Studies
Shaljia Sharma, International Studies

Online Minor in Professional Writing
Pete Vandenberg, WRD

Investigating Graduate-Level Curricular Initiatives for and with Chicago Nonprofit Organizations
Pete Vandenberg, WRD; Lisa Dush, WRD; John Mazzeo, Public Service; Noam Ostrander, Social Work; Tracey Mabrey, Sociology; & Robert Stokes, Public Service

Research and Creative Activities Projects
Short Film: "Oh Baby!"
Meghann Artes, Cinematic Arts

Explaining Community Choice Aggregation
Hugh Bartling, Public Services

Translating Newberry Library French Revolution Collection Pamphlets for Digitization
Pascale-Anne Brault, Modern Languages

A Software Framework for Human-in-the-Loop Machine Learning
Eli Brown, Computing

An Examination of Barriers to Housing Among Individuals with Extensive Shelter Histories: Provider Perspectives
Molly Brown, Psychology
Music and Public Space in Chicago  
*Kate Brucher, Music*

The Radiocarbon Dating Initiative of the Avdat in Late Antiquity Project  
*Scott Bucking, History*

Reading Chicago Reading  
*Robin Burke, Computing*

Bridge between Combinatorics and Representation Theory  
*Andrew Carroll, Mathematical Sciences*

Take Back the Halls: Ending Violence in Relationships and Schools  
*Beth Catlett, Women’s and Gender Studies*

The Classification of Triangular Deltoids  
*Stefan Catoiu, Mathematical Sciences*

Electronic Word-of-Mouth Antecedents in Chinese Travelers on WeChat  
*Shu-Chuan Chu, Communication*

"Oriental Peaceful Penetration" and Othering the Household Object in Gertrude Stein’s "Tender Buttons"  
*June Hee Chung, English*

Comics on the Margins  
*Blair Davis, Communication*

Original Composition for International Clarinet Association Clarinet Fest 2017  
*Julie Deroche, Music & Seung-Won Oh, Music*

Fit for Life Research Study  
*Sydney Dillard, Communication*

Maria Stewart, Black Womanhood and Radical Pamphleteering  
*Marcy Dinius, English*

Decision Making in Situations of Uncertainty  
*Ning Du, Accountancy*

Stockyard Institute Exhibit at Hyde Park Art Center  
*Jim Duignan, Education*

Iraq History Project  
*Chris Einholf, Public Service*
Feature Film: "Changing the Debate"
*Ron Eltanal, Cinematic Arts*

Otok Zoon Politicon: A Civic Education Game for Croatian Teens
*Dick Farkas, Political Science & Doris Rusch, CDM School of Design*

Improving Communication, Coordination, and Health Outcomes for School-Based Health Centers in Chicago
*Elissa Foster, Communication & Jay Baglia, Communication*

Shadowing as a Research Technique in Healthcare: Connecting with a Patient Perspective
*Andrew Gallan, Marketing*

*Joanna Gardner-Huggett, History of Art & Architecture*

Efficient Algorithms for Minimum Obstacle Removal
*Jonathan Gemmel, Computing & Iyad Kanj, Computing*

Meiosis in Fruit Flies
*Bill Gilliland, Biology*

Converting the Missionary: Mary Mills Patrick and the Constantinople Women's College
*Carolyn Goffman, English*

Emotion Regulatory Mechanisms Involved in Culture-Based Coping with Death Awareness
*Verena Graupmann, Psychology*

Building Positive Multidisciplinary Relationships within Sexual Assault Response Teams
*Megan Greeson, Psychology*

People's Guide to Chicago
*Euan Hague, Geography & Larry Bennett, Political Science*

Preventing Web Attacks: Split HTML
*Karen Heart, Computing*

Jewish Community Life in Croatia
*Nila Hofmann, Anthropology*

Geospatial Health: Mining GPS Data toward Understanding Health Implications of Activity Space
*Sungsoo Hwang, Geography*
Bio-prospecting or Bio-piracy?: Intellectual Property Rights, Innovation, Indigenous Communities
Kathryn Ibata-Arens, Political Science

Improving Teaching and Learning in the Global Classroom
Li Jin, Modern Languages & Jason Schneider, WRD

Characterizing Problems that are as Hard as Satisfiability
Iyad Kanj, Computing

Feature Film: "Oblivion Verses"
Alireza Khatami, Cinematic Arts

Russian Theatre Directors, 1917-1940; How to Rehearse a Play
Damon Kiely, Performance

The Virtual Asian American Art Museum "Michiko Itatani: Painting the Cosmic Narrative"
Module
Laura Kina, Art, Media, and Design

A Qualitative Case Study of the Impact of Metacognitive Practice on Student Retention in STEM
Mary Bridget Kustusch, Physics

Towards a Molecular Movie of Parkinson’s Disease
Eric Landahl, Physics

Evaluation of Physical Health and Mental Health Literacy of Korean Americans
Young-Me Lee, Nursing

Investigations in Random Matrix Theory
Karl Kiechty, Mathematical Sciences

DBBuild: Tools for Conducting Reproducible Analyses in Urban Data Infrastructure
Tanu Malik, Computing

The Effects of Valuation and Instrument Complexity on the Preparation and Assessment of the Reasonableness of Fair Value Measurements for Complex Financial Instruments
Stephani Mason, Accountancy

Evaluating YMCA Early Learning Program
Jennifer Mata-McMahon, Teacher Education

The Center for Robust Decision-making in Climate and Economic Policy
Nathan Mattson, CDM School of Design

Career Counseling with Individuals Experiencing Homelessness in Chicago
Rebecca Michel, Psychology
Proboscis Theatre Company
Jeff Mills
Diversity in Personalized Recommendation
Bamshad Mobasher, Computing
Terror, Terrorism, and Terrosit Organizations: Understanding the Threat
Tom Mockaitis, History
DePaul - YMCA Contextual Analysis Project
Karen Monkman, Educational Policy Studies and Research
What's in your Soil? Characterizing and Mapping Spatial Patterns of Residential Soil Quality Indicators in Four Northside Chicago Neighborhoods
Jim Montgomery, Environmental Science
Happily Ever After: Black Women, Romance, and Racial Uplift
Julie Moody-Freeman, African and Black Diaspora
Translation of Jacques Derrida's "Life Death"
Michael Naas, Philosophy
Designing a Sociotechnical System to Enable and Enhance Educator Roles to Support Youth Learning
Denise Nacu, Computing
Plant Matters
Don Opitz, School for New Learning
Sounds Like a Mystery: 20th Century Broadcasts for 21st Century Podcasters
Roxanne Owens, Teacher Education
Justice and Racial Reconciliation in Charlotte
Scott Paeth, Religious Studies
Children's Language Use and Development in a Spanish Immersion Early Education Classroom
Sung Park-Johnson, Leadership, Language, and Curriculum & Carolina Barrera-Tobon, Modern Languages
The Exact Stretch Factor of Delaunay Triangulations
Ljubomir Perkovic, Computing
HAB APEX: High-Altitude Balloon Air Pollution Experiment
Mark Potosnak, Environmental Science
Human-Computer Interaction in Practice: Support for Pedagogy  
*Cynthia Putnam, Computing*

Medical Image Interpretation using Smart Computer-Aided Diagnosis  
*Daniela Raicu, Computing*

Documentary Feature Film: "Language of Opportunity"  
*Anuradha Rana, Cinematic Arts*

Identifying Security Breaches in a Hacked Database  
*Alexander Rasin, Computing*

Nanobot: Operation Pacific Vortex Mobile Game  
*B. Rich, CDM School of Design*

"Gamiconocron" Short Film  
*Brad Riddell, Cinematic Arts*

Indexing Translation of Derrida's Death Penalty Seminar  
*Elizabeth Rottenberg, Philosophy*

What Makes and Electronic Health Record System Effective: An Empirical Study of Patients' Patterns of Use  
*Hamed Qahri Saremi, Computing*

Addressing Health Disparities in Chicago through Collaboration with Health Foundations  
*Daniel Schober, Public Health*

Revolutionary Time: On Time and Sexual Difference in Julia Kristeva and Luce Irigaray  
*Fanny Soderback, Philosophy*

Structural Studies of Glycosylated and Deglycosylated Immunoglobin E  
*Catherine Southern, Chemistry*

Building an Intelligent Interview Assistant System  
*Adam Steele*

"A Place to Call Home" - Homelessness in America  
*Susanne Suffredin, Cinematic Arts; Dana Kupper, Cinematic Arts; & Joanne Zielinski, Cinematic Arts*

The Archaeology of Montagu Cave, South Africa: The Keller Artefact Collection and its Association to the Middle Stone Age Sequence  
*Alexandra Sumner, Anthropology*
Authoritarianism and the Evolution of Electoral Politics in Western Europe
Erik Tillman, Political Science

Automatic Summarization of Privacy Policies Using Natural Language Processing and Machine Learning
Noriko Tomuro, Computing

A New Approach to the Synthesis of Neuroactive Azepanes and their Derivatives
Paul Vadola, Chemistry

The Role of Competitive Actions on Fashion Social Network
David Wang, Accountancy

Death of a Flyboy
James Wolfinger, Education & History

Assessing Spatial Disparities in Urban Green Spaces and Developing Community-based GIS Applications in Chicago
Byunyun Yang, Geography

System Justification
Jennifer Zimmerman, Psychology