



Learning Analytics Fellows Program

Center for Learning Analytics and Student Success

Student Learning Analytics Projects

Project abstracts, full proposals and completion reports are available at the Center for Learning Analytics and Students Success <http://go.iu.edu/1SVy>

2015

Beyond Surveys and Data Mining: Searching for New and Potentially More Useful Indicators of Student Engagement

Principal Investigator: Daniel Hickey
(Education Counseling & Psychology)

Do general or specific characteristics of E201 and E202 affect the number of Economics majors?

Principal Investigator: Paul Graf
(Economics)

Finding the Keys to Success Proposal for Learning Analytics Fellowship for Business X201

Principal Investigator: Kari Johnson
(Business)

The HumAn Learning Project: Humanities, Analytics, & Learning in a Multi-Section General-Education Course

Principal Investigator: Jennifer Robinson
(Anthropology)

An Inquiry into Student Purpose and Motivation as Catalysts for Retention

Principal Investigator: Molly Burke
(The Student Academic Center)

An Investigation of Factors Related to Student Choice of Academic Major at IUB

Principal Investigator: Adam Maltese
(Education—Curriculum & Instruction)

Learning Analytics in RPTS: The Impact of Two Courses on Student Performance, Major Selection, and Degree Completion

Principal Investigator: Jared Allsop
Co-Investigators: Julia Knapp, Rasul Mowatt, Sarah Young
(Recreation, Park, and Tourism Studies)

MOOC Visual Analytics Tools

Principal Investigator: Katy Börner
(Information & Library Science)

Undergraduate Legal System Courses and Where They Fit in the Curriculum for Best Learning Outcomes

Principal Investigator: Shannon Martin
(The Media School—Journalism)

2016

Analyzing the Transition from Developmental to Supplemental Education

Principal Investigator: Daniel Hickey
(Education Counseling & Psychology)

Determinants of Students' Choices of Undergraduate Majors and the Program Strategies

Principal Investigator: Michael Kaganovich
(Economics)

Ethical Innovations: Exploring How Moral Reflection Benefits Learning Analytics Development

Principal Investigators: James Willis, III & Joshua Quick
(Education Counseling & Psychology)

Evaluating the Effect of Course-Specific Library Instruction on Student Success

Principal Investigator: Andrew Asher
(Library Academic Services)

The HumAn Learning Project Phase II

Principal Investigator: Jennifer Robinson
(Anthropology)



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2016 (cont.)	
<i>Impact of the “Becoming the Best Student” and “You@IU” Courses</i>	Principal Investigator: Anthony Guest-Scott (Academic Center)
<i>Inflection Points of Economics Majors: A Closer Look at Enrollments in Intermediate Microeconomics (E321)</i>	Principal Investigator: Paul Graf (Economics)
<i>Role of Peer Networks in Student Choice of Academic Major at IUB</i>	Principal Investigator: Adam Maltese (Education—Curriculum & Instruction)
<i>S&H Fulfillment Patterns and Their Effect on Student Retention</i>	Principal Investigator: Kalani Craig (History)
<i>Using Analytics to Compare Student Demographics for Different Delivery Methods (Face to Face, Hybrid, Online) of AMST-A 100 What is America?</i>	Principal Investigator: Vivian Nun Halloran (English & American Studies)
2017	
<i>Evaluating and Optimizing Homework and Quizzes to Increase Learning Outcomes in the Information Visualization MOOC</i>	Principal Investigator: Katy Börner (Information & Library Science)
<i>Evaluating the Impact of the Intensive English Program on Student Success at IU</i>	Principal Investigator: Leslie Gabriele (Second Language Studies)
<i>Evaluating the Teaching Effectiveness of Principles of Micro- economics Instruction at the IU Bloomington Campus Relative to Other Institutions</i>	Principal Investigator: Paul Graf, Co-Investigator Gerhard Glomm (Economics)
<i>Exploring relationships Between the New Indiana Academic English Test (IAET) and External Measures</i>	Principal Investigator: Sun-Young Shin (Second Language Studies)
<i>The Factors of Differential Grading Standards Across Academic Units</i>	Principal Investigator: Michael Kaganovich (Economics)
<i>The Factors to and Impact of K303 Success</i>	Principal Investigator: Jie Li (Business)
<i>Human Expertise, Analytics, & Student Learning in Multi- Section General-Education Courses at Indiana University</i>	Principal Investigators: Jennifer Meta Robinson (Anthropology), Co-Investigators: John Arthos (English), and Jill K. Robinson (Chemistry)
<i>Learning Analytics for Students Majoring in Healthcare Management and Policy</i>	Principal Investigator: Terri Renner (School of Public & Environmental Affairs)
<i>Measuring the Impact of Information Literacy Instruction on Assignment-Level Learning Outcomes</i>	Principal Investigator: Andrew Asher (Anthropology & Library Academic Services)



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2018	
<i>Using Analytics to Evaluate Influences on Student Learning Outcomes in a GenEdScience Course</i>	Principal Investigator: Simon Brassell (Geology)
<i>Using Analytics to Evaluate Influences on Student Learning Outcomes in a GenEd Science Course</i>	Principal Investigator: Simon Brassell (Geological Sciences)
<i>Evaluating the Teaching Effectiveness of Principles of Microeconomics Instruction at IU Bloomington Campus Relative to Other Institutions</i>	Principal Investigator: Gerhard Glomm, Co-Investigator, Paul Graf (Economics)
<i>Determinants of Student Attrition</i>	Principal Investigator: Michael Kaganovich (Economics)
<i>How Does the Sequencing of Major Courses Influence Student Success?</i>	Principal Investigator: Jie Li (Business)
<i>Evaluating Student Performance in C118 and N330 Based on Prior Academic Performance</i>	Principal Investigator: Meghan Porter (Chemistry)
<i>Learning Analytics for Students Majoring in Healthcare Management and Policy</i>	Principal Investigator: Terri Renner (School of Public & Environmental Affairs)
<i>Mitigating Grade Surprise: A Study of Students' Grade Expectations Using Learning Analytics and Assignment Performance in General Education Courses at Indiana University</i>	Principal Investigator: Jennifer Robinson. Co-Investigators: Jill Robinson, John Arthos, Nina Onesti, Logan Paul, Chung-chieh Shan and Sam Tobin-Hochstadt (Anthropology, Chemistry, English, Informatics and Computer Science)
<i>Evaluating the Effectiveness of Integrated Information Literacy Instruction on Student Outcomes in the English W131 Multilingual Curriculum</i>	Principal Investigators: Katherine Silvester and Andrew Asher (English and Anthropology)
<i>Tracking Student Movement in the SPHB through Learning Analytics</i>	Principal Investigator: Sarah Young. Co-Investigators: Jarod Allsop, William Ramos, Donetta Cothran, Maresa Murray and Dohyun Lee (Recreation, Park, and Tourism Studies)

For more information about the Learning Analytics Fellows Program

please contact George Rehrey, Director, The Center for Learning Analytics and Student Success

classiub@indiana.edu

812-856-4231