

# Open and Affordable Textbook Project Grant Recipients

The quality and number of proposals that were submitted to the Open and Affordable Textbook Project Grants demonstrate the high level of investment by our faculty in the open and affordable education movement at Rutgers. More than 32 classes—in fields ranging from psychiatry, sociology, and public affairs to English, business, and physics—will switch to low cost or no-cost textbook solutions thanks to this pilot program. The grants will impact over 8400 students enrolled in courses at Rutgers Biomedical and Health Sciences, Rutgers University–Camden, Rutgers University–Newark, and Rutgers University–New Brunswick with a projected savings of \$1,597,444.00 over the next year.

Please join us in congratulating the following faculty and instructors on their selection for an Open and Affordable Textbook Project Grant.

For more information: [libraries.rutgers.edu/open-textbooks](http://libraries.rutgers.edu/open-textbooks)  
Contact: Lily Todorinova, [lily.todorinova@rutgers.edu](mailto:lily.todorinova@rutgers.edu), 848-932-1696

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## Rutgers University–Camden | Projected Savings: \$109,108.00

### **Grant Recipient: Dr. Daniel Hart, Distinguished Professor of Psychology**

Introduction to Psychology

This project will replace the current text with a free online book, as well as self-developed materials.

Taught: Fall 2017, Spring 2018

**200 students impacted per year | Projected savings per year: \$38,516.00**

### **Grant Recipient: Dr. Charlotte Markey, Professor of Psychology, Director of Health Sciences**

Psychology and the Health Sciences

This project is for a new course for a newly developed major. Journal articles and other library resources will be used to replace traditional course materials.

Taught: Fall 2017, Spring 2018

**200 students impacted per year | Projected savings per year: \$35,880.00**

### **Grant Recipient: Dr. Jennifer Oberle, Instructor**

Microbiology and its Applications Lab

This project will replace the current text with a self-developed manual. This material will be a downloadable resource in the course management system and students will be able to print it.

Taught: Spring 2017, Fall 2017, Spring 2018

**135 students impacted per year | Projected savings per year: \$18,603.00**

**Grant Recipient: Dr. Sarah Allred, Associate Professor**

Perception

This project will replace the current text with open materials and modules, as well as library e-resources. Dr. Allred will work closely with librarians from Robeson.

Taught: Fall 2017

**30 students impacted per year | Projected savings per year: \$4,439.00**

**Grant Recipient: Dr. Catherine Bartch, Part-Time Lecturer**

Latin American Politics and Introduction to Political Science

For the Latin American Politics course, which is a new course, this project provides a comparison based on commonly used texts. In both courses, Dr. Bartch will replace the traditional text with a combination of web and library resources.

Taught: Spring 2017

**40 students impacted per year | Projected savings per year: \$4,399.00**

**Grant Recipient: Dr. J. T. Barbarese, Associate Professor**

The Romantic Period

This project will replace the anthology currently used with primary texts and materials in Blackboard.

Taught: Spring 2017

**20 students impacted per year | Projected savings per year: \$3,855.00**

**Grant Recipient: Dr. Wendy Woloson, Associate Professor**

Perspectives on History

This project will replace primary and secondary course materials with library resources and online materials. In collaboration with a librarian from Robeson Library, Julie Still, Dr. Woloson will work to bring the cost of these course materials to \$0.

Taught: Fall 2017

**20 students impacted per year | Projected savings per year: \$1,936.00**

**Grant Recipient: Rasheda Weaver, Part-Time Lecturer and PhD Candidate**

Special Topics: Social Entrepreneurship, Civic Engagement, and Community Development

This project will supplement the use of a traditional textbook by placing a text on reserve and using library resources, such as academic articles.

Taught: Spring 2017

**8 students impacted per year | Projected savings per year: \$1,480.00**

## Rutgers University–New Brunswick | Projected Savings: \$645,290.00

### **Grant Recipient: Dr. Darrin York, Professor**

Introduction to Chemistry

This project will replace the current text with a free text from OpenStax, as well as other open educational resources.

Taught: Spring 2017, Summer 2017, Fall 2017, Spring 2018

**1600 students impacted per year | Projected savings per year: \$240,000.00**

### **Grant Recipient: Dr. Neil Sheflin, Associate Professor**

Introduction to Macroeconomics and Money, Banking and the Financial System

Dr. Sheflin has been using free and self-developed materials for a few years and has indicated great results with his students. Dr. Sheflin will use the grant to further refine and update his low-cost course materials.

Taught: Fall 2017

**500 students impacted per year | Projected savings per year: \$131,000.00**

### **Grant Recipient: Dr. Darshana Shapiro, Part-Time Lecturer**

Introduction to Human Evolution

This project will replace the current textbook with a combination of free and low-cost materials. The lecturer will also create many of the course materials, including online modules and activities.

Taught: Spring 2017, Fall 2017, Spring 2018

**750 students impacted per year | Projected savings per year: \$103,343.00**

### **Grant Recipient: Dr. Yvonne Wollenberg, Instructor**

Law and Politics

This project will replace the current text used with an e-book, for which the library has an unlimited user subscription.

Taught: Spring 2017, Fall 2017

**360 students impacted per year | Projected savings per year: \$71,280.00**

### **Grant Recipient: Dr. Alexander Pichugin, Director of German Language and Cultural Studies**

Elementary German, Intermediate German

This project will replace the traditional text with self-developed materials in Sakai and a low-cost text.

Taught: Fall 2017, Spring 2018

**120 students impacted per year | Projected savings per year: \$39,332.00**

**Grant Recipient: Dr. Young-mee Yu Cho, Associate Professor**

Intermediate Korean for Heritage Students, Advanced Korean 1 and 2, Advanced Korean for Business 1 and 2

This project will replace current materials with fully self-developed texts, multimedia learning objects, and activities.

Taught: Spring 2017, Fall 2017, Spring 2018

**100 students impacted per year | Projected savings per year: \$21,000.00**

**Grant Recipient: Dr. Natalya Voloshchuk, Teaching Instructor**

Experimental Biochemistry

This project will replace the current text with open and free alternatives and a self-developed lab manual.

Taught: Fall 2017

**60 students impacted per year | Projected savings per year: \$19,140.00**

**Grant Recipient: Dr. Norah MacKendrick, Assistant Professor**

Sociology of Women

This project will replace the current text with a course pack of journal articles, newspaper articles, book chapters, and any portions of open textbooks that are available. The new materials will be free, or at very low cost.

Taught: Spring 2017, Spring 2018

**200 students impacted per year | Projected savings per year: \$15,390.00**

**Grant Recipient: Dr. Xenia Morin, Undergraduate Program Director**

Advanced Topics in Agriculture and Food Systems: Feeding America's Cities and Applied Practical Applications in Agriculture and Food Systems

This project is for a new course (Advanced Topics), based on a comparison of the cost of a commonly used text. Dr. Morin will write, edit, and annotate the first food systems book at Rutgers.

Taught: Fall 2017, Spring 2017

**45 students impacted per year | Projected savings per year: \$2,525.00**

**Grant Recipient: Dr. Jill Lipoti, Assistant Teaching Professor**

Introduction to Sustainability and Sustainability; Food Waste, and the Food-Energy-Water Nexus

The first project will update an existing open textbook, while the second project is for a new course and based on a comparison of the cost of a commonly used text. Dr. Lipoti will develop materials for both courses.

Taught: Fall 2017

**45 students impacted per year | Projected savings per year: \$2,280.00**

## Rutgers University–Newark | Projected Savings: \$231,227.00

### **Grant Recipient: Dr. Diane Jammula, Physics Instructor**

General Physics

This project will replace the current textbook with an open text from OpenStax. This project also includes a thorough assessment plan.

Taught: Spring 2017, Summer 2017, Fall 2017, Spring 2018

**300 students impacted per year | Projected savings per year: \$87,840.00**

### **Grant Recipient: Dr. Jiahuan Lu, Assistant Professor**

Applied Statistics

This project will replace the current text with materials from the Open Textbook Library, as well as Rutgers Library e-books. This project also offers a detailed assessment plan, which includes discussion post reflections from students regarding the course.

Taught: Summer 2017, Fall 2017, Spring 2018

**150 students impacted per year | Projected savings per year: \$35,601.00**

### **Grant Recipient: Dr. Christina Zambrano, Teaching Instructor**

Research Methods for the Cognitive and Behavioral Sciences

This project will replace the current text with online materials and links to open resources in Blackboard.

Taught: Spring 2017, Spring 2018

**150 students impacted per year | Projected savings per year: \$33,992.00**

### **Grant Recipient: Dr. Matthew Giobbi, Part-Time Lecturer**

History & Modern Viewpoints of Psychology

Dr. Giobbi will develop a new online textbook from open source materials, readings, and lecture notes.

Taught: Spring 2017

**80 students impacted per year | Projected savings per year: \$24,796.00**

### **Grant Recipient: Dr. Karen Chaffee, Assistant Teaching Professor**

General Chemistry I

This project will replace the current materials with self-developed quizzes in Blackboard, thereby eliminating the need for students to purchase access codes. The efforts of this project will be available for all faculty in the department to use.

Taught: Summer 2017, Fall 2017, Spring 2018

**200 students impacted per year | Projected savings per year: \$20,000.00**

**Grant Recipient: Dr. Vanessa LoBue, Assistant Professor**

Developmental Psychology

This project will replace the current text with self-developed materials and a subscription to online resources (\$10). The faculty member hopes to present this model to the rest of the department.

Taught: Fall 2017, Spring 2018

**70 students impacted per year | Projected savings per year: \$11,113.00**

**Grant Recipient: Dr. Patricia Akhimie, Assistant Professor**

Shakespeare

This course will replace current materials with open educational resources. The students themselves will be involved with creating their own course content. Students in this course will collaborate to create their own online edition with notes and analysis.

Taught: Spring 2018

**40 students impacted per year | Projected savings per year: \$11,002.00**

**Grant Recipient: Dr. Manu Chander, Assistant Professor**

Introduction to Global Literature

This project will replace the current texts with open educational resources. The project will also aim to provide students access to previously marginalized texts that are difficult for students to find (outside of expensive anthologies).

Taught: Fall 2017

**40 students impacted per year | Projected savings per year: \$5,563.00**

**Grant Recipient: Dr. Rachel Emas, Assistant Teaching Professor**

Introduction to Public Administration

This project involves a new online master's program. The cost savings are based on estimates of commonly used texts.

Taught: Fall 2017

**15 students impacted per year | Projected savings per year: \$1,320.00**

Rutgers Business School—Newark and New Brunswick  
Projected Savings: \$533,870.00

**Grant Recipient: Dr. Kemal Gursoy, Assistant Professor of Professional Practice**

Statistical Methods for Business Applications

This project will replace the current text with self-developed materials.

Taught: Spring 2017, Summer 2017, Fall 2017, Spring 2018

**2000 students impacted per year | Projected savings per year: \$513,300.00**

**Grant Recipient: Dr. Weiwei Chen, Assistant Professor**

Introduction to Six Sigma and Lean Manufacturing

This project will replace the current text with self-developed materials, as well as resources available for a small fee from the professional organization website.

Taught: Fall 2017, Spring 2018

**170 students impacted per year | Projected savings per year: \$20,570.00**

[Rutgers Biomedical and Health Sciences | Projected Savings: \\$133,999.00](#)

**Grant Recipient: Dr. Petros Levounis, Professor and Chair**

Psychiatry Clerkship

This project will replace the current text for the whole third year clerkship with a free, self-developed text. The project will involve students in writing the new course material.

Taught: Spring 2017, Summer 2017, Fall 2017, Spring 2018

**200 students impacted per year | Projected savings per year: \$64,000.00**

**Grant Recipient: Dr. May Nguyen, Clinical Assistant Professor**

Emergency Medicine Pharmacology Elective

This course currently uses library materials. Dr. Nguyen would like to use the grant to create supplementary, free online course content, which will be peer-reviewed.

Taught: Fall 2017

**20 students impacted per year | Projected savings per year: \$10,000.00**

**Grant Recipient: Dr. Ellen Zambo Anderson, Associate Professor**

Development Across the Lifespan

This project will replace the current text with a self-developed iBook.

Taught: Summer 2017

**65 students impacted per year | Projected savings per year: \$3,949.00**