

**Biographies of the Recipients of the  
Board of Trustees Fellowships for Distinguished Student Awards  
Winter Break/Spring 2019**

---

**Jessica Bolich**

Lie Groups and their Application in Particle Physics

**Project Faculty Advisor: Bradley Forrest, Ph.D.**

**Professor of Mathematics**

- Major: Physics and Mathematics
- Junior- GPA: 3.98
- Director of Outreach for the Stockton Honors Program, Spring 2018-Present
- Scrapbook Committee Co-Chair of Stockton Circle K Fall 2017-Spring 2018
- Membership Committee Chair of Stockton Circle K Spring 2018-Present
- Outreach Chair of the Relay For Life Committee Fall 2017-Spring 2018
- Member of the Relay For Life Committee, Position TBD Fall 2018-Present
- Recipient of the Presidential Scholarship
- Dean's List Fall 2016
- Dean's List Spring 2017
- Dean's List Fall 2017
- Dean's List Spring 2018
- Future Goals: I plan to pursue a graduate school to obtain a doctoral degree. In the future, I hope to study theoretical particle physics.

**Brian Gembara**

Project Title: Polyomino Analysis and Indexing

**Project Faculty Advisor: Bradley Forrest, Ph.D.**

**Associate Professor of Mathematics**

- First Degree: Computer Science and Information Systems with a concentration in Computer Science
- Second Degree: Mathematics
- Senior – GPA: 3.68
- Eagle Scout
- Member of the Stockton Honors Program, Stockton Computer Society, and Stockton Gaming Club
- Worked for Stockton ITS Helpdesk and Stockton ITS Office of Information Security
- Had two internships with a company, Commvault, based in Tinton Falls, the past two summers
- Recipient of the Provost Scholarship
- Dean's List (Business School) Fall 2015, Spring 2016, Fall 2016, Fall 2017, Spring 2018
- Dean's List (Natural Sciences & Mathematics) Fall 2016, Fall 2017, Spring 2018
- I plan to complete my two degrees next semester after which I'll be going into the workforce with the eventual goal of working in the cyber-security industry.

# Biographies of the Recipients of the Board of Trustees Fellowships for Distinguished Student Awards Winter Break/Spring 2019

---

## **Allyson Murray**

Project Title: Analysis of Cretaceous Volcanic and Plutonic Rocks of Southeast Arizona

**Project Faculty Advisor: Jeffrey Webber, Ph.D.**

**Assistant Professor of Geology**

- Major: Geology and Marine Science with a concentration in Oceanography
- Senior - GPA : 3.95
- Recipient of the Provost Scholarship
- Member , Stockton's Honors Program
- Teaching Assistant - Physical Geology
- Dean's List Fall 2015
- Dean's List Spring 2016
- Dean's List Fall 2016
- Dean's List Spring 2017
- Dean's List Fall 2017
- Dean's List Spring 2018
- **Allyson N. Murray**, James Langschultz, Matthew Severs. "Reinvestigating old iron mines of the New Jersey highlands." Presented at Northeastern Geological Society of America Meeting
- Future Goals: Pursue a master's and doctorate degree in Geology. Become a researcher and professor of geology.

## **Rylee Rizzolo**

Project Title: Pedal Biomechanics

**Project Faculty Advisor: Margaret Lewis, Ph.D.**

**Professor of Biology**

- Major: Health Science and Biology
- Senior- GPA: 3.7
- Member of the Stockton Women's Track and Field 2016 – present
- Dean's List Fall 2015
- Dean's List Fall 2016
- Dean's List Spring 2017
- Dean's List Fall 2017
- Dean's List Fall 2018
- Future Goals: I plan to complete my Doctor of Physical Therapy degree at Stockton. After completing my doctorate and working for a physical therapy facility, I plan to open my own practice and continue my research on pedal biomechanics to create specialized shoes

## **Daniel Stoyko**

Project Title: Discovery of Antibiotics from Soil Bacteria

**Project Faculty Advisor: Karen York, Ph.D.**

**Associate Professor of Biology**

- Major: Biochemistry and Molecular Biology, Biology with a concentration in Biotechnology
- Senior - GPA 3.96
- Chemistry Tutor at Math Tutoring Center
- Teaching Assistant for Chemistry III Lab
- Recipient of Dean's Scholarship
- Dean's List Fall 2016
- Dean's List Fall 2017
- Future Goals: After completing my degree at Stockton I plan to attend medical school. My ultimate goal is to become an oncologist