

# College of Natural Sciences and Mathematics

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These scholarships have been established to assist students majoring in programs offered by the College of Natural Science and Mathematics.

*Note: The notification process does not include a notification to all applicants, but only the selected scholarship recipients. Notifications will occur by the end of May.*

## College-Wide Scholarships

### A. James Diefenderfer Memorial Scholarship

**Amount:** \$1,000

**Established by:** This scholarship was established in 1990 to honor A. James Diefenderfer, the former Dean of the College of Natural Sciences and Mathematics.

**Open to:** This scholarship is open to students with a declared major in the College of Natural Sciences and Mathematics.

**Criteria:** Scholastic achievement; Financial need

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Complete a Free Application for Federal Student Aid (FAFSA), or have one on file, for establishing financial need; and 3) Submit application to the assistant Dean's office, MH-488, (657) 278-4158.

**Application Deadline:** February 19, 2018

### Dan Black DC Science Scholarship

**Amount:** \$5,000

**Established by:** This scholarship is funded by Dan Black '67 and awarded to students to assist them in meeting expenses associated with their participation in the CSU DC Scholars Program.

**Open to:** This scholarship is open to new and continuing students who are pursuing an undergraduate degree in the College of Natural Sciences and Mathematics.

**Criteria:** Must be enrolled in an undergraduate course of study in the College of Natural Sciences and Mathematics; Students in Dan Black Physics/Business Program preferred; Must have been accepted to participate in the CSU DC Scholars Program.

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification. 2) Provide two letters of recommendation from CSUF faculty/staff 3) Provide proof of acceptance into the CSU DC Scholars Program. 4) Submit completed application(s) and materials (if required) to MH-611.

**Application Deadline:** March 2, 2018

## Professor & Mrs. Ting K. Pan Memorial Scholarship

**Amount:** one or more scholarships at a minimum of \$1,000 a maximum of \$2,000

**Established by:** This scholarship was established and funded by Emeritus Professor, Dorothy Pan Wong and named in memory of her parents. The scholarship is to assist international students or students who are the first in their family to attend college.

**Open to:** This scholarship is open to graduate/undergraduate international students or first generation students that are majoring in physical or computer science, math, engineering, or nursing; having studied at CSUF at least one semester, a 3.0 gpa or above, and with demonstrated financial need.

**Criteria:** *above* 3.0 GPA; Financial need; Full-time Enrollment; Applicant has studied at least one semester at CSUF. Graduating seniors are not eligible

**Application Procedure:** 1) Log into your CSUF portal (be sure to use the new portal) and click on the "Scholarships" button. Follow the onscreen instructions and complete the Scholarship Application. 2) Complete a FAFSA application (or have one on-file) for establishing financial need (Free Application for Federal Student Aid), or a "Student Financial Disclosure" (form available at UH-244). 3) Provide two letters of recommendation from CSUF faculty/staff 4) Write an essay or personal statement that describes your financial situation and how you will use these funds. 5) Submit samples or slides of current work as examples of artistic work (if applicable) 6) Submit completed application(s) and materials (if required) to UH-244

**Application Deadline:** March 2, 2018

## Rodriguez Graduate Admissions Scholarship

**Amount:** \$1,000

**Established by:** This scholarship was established by Phillipe Rodriguez '16, a Dan Black Physics/Business Scholar alumnus, who realized the importance of guidance, preparation, and financial support during the graduate admissions process.

**Open to:** This scholarship is open to juniors who are pursuing an undergraduate degree in the College of Natural Sciences and Mathematics, and will be applying to graduate school the semester after the scholarship is awarded.

**Criteria:** Must be enrolled in an undergraduate course of study in the College of Natural Sciences and Mathematics ♦ Students in Dan Black Physics/Business Program preferred, but not required ♦ Minimum cumulative GPA of 3.5

**Application Procedure:** 1) Complete the Scholarship and Award Application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answer all seven questions, and sign the certification; and 3.) Submit application to the Assistant Dean's Office, MH-488, (657) 278-4158.

**Application Deadline:** March 2, 2018

## Health Professions-Related Scholarships

### The Robert and Shirley Belloli Award for Service and Academic Accomplishment in the Health Professions

**Amount:** \$500 Titan Bookstore Award

**Established By:** This award was established by Dr. Robert Belloli, Professor Emeritus, Department of Chemistry and Biochemistry to recognize outstanding scholastic achievement and noteworthy community or clinical service.

**Open To:** Nomination for this award is open to pre-health profession undergraduate students at California State University, Fullerton in any major.

**Criteria:** Students should have completed CHEM 301A, CHEM 301B and CHEM 302, at least two upper division courses in their major, and have a minimum of 50 hours of community or clinical service. Arrange to have one letter of recommendation sent to the Health Professions Advising office. At the time of application, the student should have at least two semesters before graduation.

**Application Procedure:** Students should complete the application form available on the Health Professions Advising website at [fullerton.edu/health\\_professions](http://fullerton.edu/health_professions) and deliver to UH-223 or email [hpadvising@fullerton.edu](mailto:hpadvising@fullerton.edu).

**Application Deadline:** February 23, 2018

### Kenneth L. Goodhue-McWilliams Award for Outstanding Community Service in the Health Professions

**Amount:** \$500 and plaque

**Established By:** This award was established by Dr. Goodhue-McWilliams, Professor Emeritus, Department of Biological Sciences to recognize Outstanding contributions to community.

**Open To:** Nomination for this award is open to all members of the Student Health Professions Association (SHPA).

**Criteria:** Student Health Professions Association membership and volunteer in a health profession setting.

**Application Procedure:** Students should complete the application form available on the Health Professions Advising website at [fullerton.edu/health\\_professions](http://fullerton.edu/health_professions) and deliver to UH-223 or email [hpadvising@fullerton.edu](mailto:hpadvising@fullerton.edu).

**Application Deadline:** February 23, 2018

## **Miles D. McCarthy Health Professions Scholarship for Outstanding Graduating Student**

**Amount:** \$1,000 and plaque

**Established By:** This award was established by the Health Professions Program to recognize and honor students who have demonstrated outstanding academic performance.

**Open To:** Nomination for this award is open to degree candidates and post-baccalaureate students entering health professions.

**Criteria:** Scholastic achievement, school or community service and acceptance into a health profession school.

**Application Procedure:** By nomination only. The annual award is announced at the University Honors Convocation and Student Health Professions Association (SHPA) banquet. The recipient's name is also inscribed on the perpetual plaque displayed in the Health Professions Advising Office.

# Scholarships for Future Math and Science Teachers

## **MSTI Scholarship for Future Science Teachers, Science Major**

**Amount:** \$1,000

**Established by:** This scholarship is funded by the Math and Science Teacher Initiative to support students who are majoring in a science field and pursuing a career in teaching secondary science (grades 6-12).

**Open to:** CSU Fullerton junior, senior or graduated science majors who are pursuing a career in teaching secondary science (grades 6-12).

**Criteria:** Junior, senior or graduate science major; Minimum 3.0 GPA as undergraduate; Completed EDSC 304, 310, 320, 330, or 340 and pursuing or planning to pursue a single subject teaching credential in chemistry, biology, earth sciences, foundational level general science or physics.

**Application Procedure:** Complete the application found at <http://ed.fullerton.edu/msti>.

**Application Deadline:** March 15 and October 15 (twice annually)

## **MSTI Scholarship for Future Science Teachers, Minor in Natural Sciences**

**Amount:** \$1,000

**Established by:** This scholarship is funded by the Math and Science Teacher Initiative to support students who are minoring in the Natural Sciences and pursuing a single subject teaching credential in science.

**Open to:** This scholarship is open to CSU Fullerton junior, senior or graduated students with a minor in Natural Science students who are pursuing a teaching credential in science.

**Criteria:** Junior, senior or graduated with minor in Natural Sciences; Minimum 3.0 GPA as undergraduate; Completed EDSC 304, 310, 320, 330, 340 and pursuing or planning to pursue a single subject credential in chemistry, biology, foundational level general science, earth sciences, or physics.

**Application Procedure:** Complete the application found at <http://ed.fullerton.edu/msti>.

**Application Deadline:** March 15 and October 15 (twice annually)

## **MSTI Prospective Math Candidate Scholarship for Mathematics Majors**

**Amount:** \$1,000

**Established by:** This scholarship is funded by the Math and Science Teacher Initiative to support students who are majoring in mathematics and pursuing a career in teaching secondary mathematics in California public schools.

**Open to:** This scholarship is open to CSU Fullerton junior or senior mathematics majors who have the intent of pursuing a career in teaching secondary mathematics (grades 6-12).

**Criteria:** Junior or senior status; Minimum 2.75 GPA as undergraduate; Completed EDSC 310, 320, 330, or 340; Passed the CSET math I or math II content exams or passed Math 250A or Math 401.

**Application Procedure:** Complete the application found at <http://ed.fullerton.edu/msti>.

**Application Deadline:** March 15 and October 15 (twice annually)

## MSTI Prospective FLM Candidate Scholarship for Mathematics Minors

**Amount:** \$1,000

**Established by:** This scholarship is funded by the Math and Science Teacher Initiative to support students who are minoring in mathematics and pursuing a career in teaching foundation-level mathematics (6-10) in California public schools.

**Open to:** This scholarship is open to CSU Fullerton junior or senior mathematics minors who have the intent of pursuing a career in teaching foundational-level mathematics (grades 6-10).

**Criteria:** Junior or senior status; Minimum 3.0 GPA as undergraduate; Completed EDSC 310, 320, 330, or 340; Passed the CSET math I or math II content exams or passed either Math 130 or Math 150A.

**Application Procedure:** Complete the application found at <http://ed.fullerton.edu/msti>.

**Application Deadline:** March 15 and October 15 (twice annually)

## MSTI FLM or Science Candidate Scholarship

**Amount:** \$1,000

**Established by:** This scholarship is funded by the Math and Science Teacher Initiative to support students who are pursuing a career in teaching foundational-level mathematics, or science in California public schools.

**Open to:** This scholarship is open to CSU Fullerton senior or post-baccalaureate students who have the intent of pursuing a career in teaching foundational-level mathematics or science in California public schools.

**Criteria:** Senior or post-baccalaureate student; Minimum 3.00 GPA; Current FLM or Science credential candidate or applicant for Fall 2015; Completed EDSC 310, 320, 330, or 340; Passed 2 CSET content exams in math or science.

**Application Procedure:** Complete the application found at <http://ed.fullerton.edu/msti>.

**Application Deadline:** March 15 and October 15 (twice annually)

## MSTI Future Bilingual Science/Math Teacher Scholarship

**Amount:** \$1,000

**Established by:** This scholarship is funded by the Math and Science Teacher Initiative to support students fluent in a language other than English and pursuing careers in teaching secondary (grades 6-12) science or mathematics.

**Open to:** This scholarship is open to CSU Fullerton junior, senior, or already-graduated post-baccalaureate students fluent in a language other than English and pursuing careers in teaching secondary (grades 6-12) science or mathematics.

**Criteria:** Junior, senior, or already-graduated post-baccalaureate status; Minimum 3.0 GPA; Demonstrated fluency in a language other than English; Completed EDSC 304, 310, 320, 330, or 340; Pursuing a single subject teaching credential in chemistry, biology, earth sciences, physics, foundational level general science, mathematics, or foundational level mathematics.

**Application Procedure:** Complete the application found at <http://ed.fullerton.edu/msti>.

**Application Deadline:** March 15 and October 15 (twice annually)

## MSTI Additional Authorization in Science and Mathematics Teacher Scholarship

**Amount:** \$2,000

**Established by:** This scholarship is funded by the Mathematics and Science Teacher Initiative to support students pursuing careers in teaching secondary (grades 6-12) science or mathematics and eligible for authorization to teach in more than 1 field of science and/or mathematics.

**Open to:** This scholarship is open to CSU Fullerton post-baccalaureate students eligible for authorization to teach in more than 1 field of science and/or mathematics.

**Criteria:** Good academic standing; Minimum 3.00 GPA; Successfully completed CSET content exams in at least 1 additional field of science or mathematics; Pursuing a single subject teaching credential in chemistry, biology, earth sciences, physics, foundational level general science, mathematics, or foundational level mathematics.

**Application Procedure:** Complete the application found at <http://ed.fullerton.edu/msti>.

**Application Deadline:** March 15 and October 15 (twice annually)

# Biological Science

## L. Jack Bradshaw Scholarship in Immunology

**Amount:** \$3,000

**Established by:** This scholarship was established in 2006 in memory of Dr. L. Jack Bradshaw, former faculty member of the Department of Biological Science, who retired in 1988 after more than 20 years

of teaching and mentoring students. A specialist in immunology, Dr. Bradshaw gained attention for his research endeavors on Ehrlich ascites malignancy, a common cancer in mice.

**Open to:** This scholarship is open to upper division (Junior, 60+ units) undergraduate or graduate students who are planning a career that will utilize theoretical or practical applications of immunology.

**Criteria:** Merit; Application letter

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Prepare a letter indicating your interests, your background, your future goals in biology, in whose lab or with which faculty you are doing research, and list the names of those who will provide letters of recommendation on your behalf; 3) Obtain two letters of recommendation, at least one of which must be from a CSUF faculty member; and 4) Include your Titan Degree Audit or Unofficial Transcript; 5) Submit application materials to the department coordinator, Department of Biological Science, MH-282. Documents must be single sided and fastened by paperclips only. No staples.

**Application Deadline:** February 20, 2018

## Dr. and Mrs. Donald B. Bright Environmental Scholarship

**Amount:** \$3,000 (approximately)

**Established by:** This scholarship was established in 1994 in memory of the late Donald B. Bright, former faculty member and Chair of the Department of Biological Science. Dr. Bright's professional energy in the later part of his career was devoted to his consulting firm, which assisted both the private and public sectors in solving various problems associated with the environment including biological studies, habitat restoration, hazardous waste issues, air quality issues, and land use planning concerns. While Dr. Bright served as President and CEO of his successful company, he maintained close ties with CSUF and the Fullerton Arboretum, often making special contributions of time and resources to both. He never lost his passion for teaching or his belief in the power of a good education.

**Open to:** This scholarship is open to upper division undergraduate or graduate Biology majors whose career plans include employment in the area of environmental science.

**Criteria:** Merit; Application letter

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Prepare a letter indicating your interests, your background, your future goals in biology, in whose lab or with which faculty you are doing research, and list the names of those who will provide letters of recommendation on your behalf; 3) Obtain two letters of recommendation, at least one of which must be from a CSUF faculty member; and 4) Include your Titan Degree Audit or Unofficial Transcript; 5) Submit application materials to the department coordinator, Department of Biological Science, MH-282. Documents must be single sided and fastened by paperclips only. No staples.



**Application Deadline:** February 20, 2018

## Rachel Carson Scholarship in Conservation Biology

**Amount:** \$1,000 each (two scholarships: one undergraduate student and one graduate student)

**Established by:** This scholarship was established in 1990 by Dr. Michael Horn, Professor of Biological Science, to encourage biology majors to pursue a career in the field of Conservation biology. Conservation biology is a discipline grown out of the urgency for preserving the earth's dwindling biological diversity and restoring its damaged habitats and communities.

**Open to:** This scholarship is open to continuing full-time sophomore, junior or senior Biological Science majors and Biology graduate students.

**Criteria:** Merit; Application letter

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Prepare a letter indicating your interests, your background, your future goals in biology, in whose lab or with which faculty you are doing research, and list the names of those who will provide letters of recommendation on your behalf; 3) Obtain two letters of recommendation, at least one of which must be from a CSUF faculty member; and 4) Include your Titan Degree Audit or Unofficial Transcript; 5) Submit application materials to the department coordinator, Department of Biological Science, MH-282. Documents must be single sided and fastened by paperclips only. No staples.

**Application Deadline:** February 20, 2018

## Jewel Plummer Cobb Scholarship

**Amount:** at least \$1,000 (more than one award may be given)

**Established by:** This scholarship was established in the name of former CSUF President Jewel Plummer Cobb, a cell biologist, to support and encourage students who have demonstrated outstanding biological scholarship.

**Open to:** This scholarship is open to outstanding continuing full-time, Biological Science majors; may be a sophomore, junior or senior with at least one year remaining at CSUF.

**Criteria:** Scholastic achievement

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Prepare a letter indicating your interests, your background, your future goals in biology, in whose lab or with which faculty you are doing research, and list the names of

those who will provide letters of recommendation on your behalf; 3) Obtain two letters of recommendation, at least one of which must be from a CSUF faculty member; and 4) Include your Titan Degree Audit or Unofficial Transcript; 5) Submit application materials to the department coordinator, Department of Biological Science, MH-282. Documents must be single sided and fastened by paperclips only. No staples.

**Application Deadline:** February 20, 2018

## Coppel Graduate Science Award

**Amount:** Up to \$500 (more than one award may be given)

**Established by:** This scholarship was established by Lynn and Claude Coppel in fall 1995. Prior to her retirement in 1992, Mrs. Coppel worked for 24 years as the science reference librarian at CSUF. Her husband, Claude, was a research supervisor with Chevron Oil Field Research in the production department. Mr. Coppel served in this position for 27 years prior to his retirement in 1992. Chevron Oil Field Research is a matching donor for this scholarship.

**Open to:** This scholarship is open to graduate students in Biology.

**Criteria:** Merit; Goals; Application letter

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Prepare a letter indicating your interests, your background, your future goals in biology, in whose lab or with which faculty you are doing research, and list the names of those who will provide letters of recommendation on your behalf; 3) Obtain two letters of recommendation, at least one of which must be from a CSUF faculty member; 4) Include your Unofficial Transcript; 5) Submit application materials to the department coordinator, Department of Biological Science, MH-282. Documents must be single sided and fastened by paperclips only. No Staples.

**Application Deadline:** February 20, 2018

## Hillman and McClanahan Scholarship in Plant or Animal Physiological Ecology

**Amount:** \$500 (more than one award may be given)

**Established by:** This scholarship was established and funded by Dr. Stanley Hillman, Professor and Chair of the Department of Biology, Portland State University, who graduated from Cal State Fullerton with a Master's Degree. Dr. Lon McClanahan, Dr. Hillman's Master's thesis advisor, has donated matching funds to support this scholarship. Dr. Hillman's gift is a token of his appreciation to the Department of Biological Science. Dr. McClanahan's contribution continues his commitment to the importance of physiological ecology research.

**Open to:** This scholarship is open to Biology graduate students who are engaged in research in the field of either plant or animal physiological ecology.

**Criteria:** Merit; Originality of essay and the scientific contribution of the research project

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Prepare a request. No more than two pages in length, describing the student's thesis research project and how funds would help accomplish it, indicate in whose lab or with which faculty you are doing research, and list the names of those who will provide letters of recommendation on your behalf; 3) Obtain two letters of recommendation, at least one of which must be from a CSUF faculty member; 4) Include your Unofficial Transcript; 5) Submit application materials to the department coordinator, Department of Biological Science, MH-282. Documents must be single sided and fastened by paperclips only. No staples.

**Application Deadline:** February 20, 2018

## Dharm Vireo Pellegrini Memorial Research Grant

**Amount:** \$1,000

**Established by:** This grant was established by Laura Pellegrini, William Pellegrini, and Nancy Rinebold, in memory of Dharm Vireo Pellegrini, a self-taught ornithologist. It is intended to provide financial assistance to undergraduate or graduate biological science students undertaking ornithological field research.

**Open to:** This grant is open to a continuing undergraduate or a continuing graduate student conducting ornithology field research, with a cumulative GPA of 3.2 or higher and a U.S. citizen.

**Criteria:** Academic performance; Research potential; Quality of proposed research project

**Application Procedure:** 1) Submit a Curriculum Vitae (include in whose lab or with which faculty you are doing your research), must include CSUF email address, CWID, and phone number; 2) Submit a 3-5 page research proposal with summary, specific aims, background, experimental design, expected outcomes, significance, budget, and reference list (preference given in the following order to research pertaining to: a) the protection and preservation of the "Least Bell's Vireo," b) birds that are likely to be considered endangered, c) any species of birds); 3) Include your Titan Degree Audit or Unofficial Transcript; 4) Submit proposal to the department coordinator, Department of Biological Science, MH-282. Documents must be single sided and fastened by paperclips only. No staples.

**Application Deadline:** February 20, 2018

## Judith A. Presch Endowment Desert Research Scholarship

**Amount:** \$250 (and one year waiver of fees for use of the Desert Studies Center facilities)

**Established by:** This scholarship was established in memory of Judith A. Presch, Human Resource Specialist and Desert Studies Center supporter. Two awards are given: one to an undergraduate student

and one to a graduate student. Applications are received and evaluated by the Research Award Committee of the Desert Studies Consortium. The award is announced in late November.

**Open to:** This scholarship is open to undergraduate and graduate students pursuing research in the Mojave Desert.

**Criteria:** Merit; Research purpose

**Application Procedure:** 1) Complete the separate application, available from the Desert Studies Center Office, MH-104, (657) 278-2428, including name, address, year in college, current GPA, and the title of your proposed research project; 2) Provide the name, address, phone number, and email address of the sponsoring faculty member of your research; 3) Write a one page statement on the purpose of your proposed research; 4) Write a two page description of your proposed research; 5) Obtain two letters of recommendation; and 6) Submit all materials to MH-104.

**Application Deadline:** October 15

## Dr. and Mrs. Marvin J. Rosenberg Scholarship

**Amount:** \$2,000

**Established by:** This scholarship was established by Dr. Marvin J. Rosenberg in cherished memory of his wife, Shayna I. Rosenberg, and also to commemorate his 35 years at CSUF as faculty member and chair of the Department of Biological Science and as Associate Dean and Acting Dean of the College of Natural Sciences & Mathematics.

**Open to:** This scholarship is open to continuing junior or senior students with at least one year remaining before graduation who are enrolled in the Cellular & Developmental Biology Concentration or Molecular Biology & Biotechnology Concentration, or to continuing graduate students working in cellular or molecular biology.

**Criteria:** Merit; Application letter

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Prepare a letter indicating your interests, your background, your future goals in biology, indicate in whose lab or with which faculty you are doing your research, and list names of those who will provide letters of recommendation on your behalf; 3) Obtain two letters of recommendation, at least one of which must be from a CSUF faculty member; and 4) Include your Titan Degree Audit or Unofficial Transcript; 5) Submit application materials to the department coordinator, Department of Biological Science, MH-282. Documents must be single sided and fastened by paperclips only. No staples.

**Application Deadline:** February 20, 2018

## David L. Walkington Memorial Scholarship

**Amount:** \$1,200

**Established by:** This scholarship, funded by the Friends of the Fullerton Arboretum, was established to honor the memory of the late director of the Fullerton Arboretum, for which it is named. This scholarship may be awarded no more than twice to the same individual.

**Open to:** This scholarship is open to full-time continuing upper-division or graduate students majoring in biological science or related fields which emphasize botany, ethnobotany, medical plant usage, ornamental horticulture, plant adaptation, genetic engineering of plants, and/or biogeography.

**Criteria:** GPA; Student and community activities; Financial need; Appropriateness of study

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification. 2) Prepare a personal letter of interest that includes a description of your study and/or activities related to the scholarship requirements, a statement of future goals, and an explanation of your financial need. 3) Provide a copy of all college transcripts. 4) Obtain two (2) letters of recommendation, one of which must be from a CSUF faculty member. 5) Submit application materials to the Friends of the Fullerton Arboretum, (657) 278-4010.

**Application Deadline:** March 2, 2018

## Jerome Wilson Memorial Scholarship

**Amount:** \$700 (approximately)

**Established by:** This scholarship is named in memory of Dr. Jerry Wilson, former Professor of Biological Science of CSUF and is awarded annually to one undergraduate or one graduate student in biology. Students with an interest in genetics are especially encouraged to apply.

**Open to:** This scholarship is open to continuing undergraduate and graduate Biology majors.

**Criteria:** Scholastic achievement

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Prepare a letter indicating your interests, your background, your future goals in biology, indicate in whose lab or with which faculty you are doing research, and list the names of those who will provide letters of recommendation on your behalf; 3) Obtain two letters of recommendation, at least one of which must be from a CSUF faculty member; and 4) Include your Titan Degree Audit or Unofficial Transcript; 5) Submit application materials to the department coordinator, Department of Biological Science, MH-282. Documents must be single sided and fastened by paperclips only. No staples.

**Application Deadline:** February 20, 2018

# Chemistry and Biochemistry

## Robert C. Belloli Future Chemistry Teacher Scholarship

**Amount:** \$500

**Established by:** This scholarship was established by Professor Belloli to provide encouragement and support to students preparing to teach Chemistry in grades 7-12. An ad-hoc committee will review the student's academic record and the information provided on the scholarship application.

**Open to:** This scholarship is open to graduating senior majors in Chemistry and Biochemistry committed to becoming chemistry teachers in junior high or high school and who have applied to the secondary teaching credential in chemistry and passed the CSET in chemistry.

**Criteria:** Senior standing (90 or more units); Formal application to Secondary Credential in Chemistry program; Passed CSET in Chemistry

**Application Procedure:** 1) Complete the application at <http://chemistry.fullerton.edu/students/scholarships-awards>, answering all questions.

**Application Deadline:** February 24, 2018

## Eric and Alyse Streitberger Science Education Endowed Scholarship

**Amount:** \$1,000

**Established by:** This scholarship was established by Professor Emeritus of Chemistry Dr. Eric Streitberger to provide support to Chemistry majors who wish to pursue a career in middle or high school science education. An ad-hoc committee will review the student's academic record and the information provided on the scholarship application.

**Open to:** This scholarship is open to sophomore and junior Chemistry majors who want to pursue a career in middle or high schools science education.

**Criteria:** Continuing sophomore (46-59 units) or junior students (60-89 units); Demonstrate merit and financial need; A Chemistry major with the career objective to apply for teaching credential and teach middle or high school science

**Application Procedure:** 1) Complete the application at <http://chemistry.fullerton.edu/students/scholarships-awards>, answering all questions; 2) Complete a Free Application for Federal Student Aid (FAFSA), or have one on file, for establishing financial need; 3) Submit FAFSA in a sealed envelope to the Department of Chemistry and Biochemistry, MH-580, attention: Department Chair. Note the name of the applicant and the scholarship on the envelope.

**Application Deadline:** February 24, 2018

## Glenn Nagel Scholarship

**Amount:** \$3,500 (approximately)

**Established by:** This scholarship was established in memory of Dr. Glenn Nagel, Professor of Chemistry and Biochemistry, to support research experiences for undergraduates. An ad-hoc committee will review the student's academic record and the information provided on the scholarship application.

**Open to:** This scholarship is open to undergraduate students interested in doing summer research.

**Criteria:** Academic achievement; Academic potential

**Application Procedure:** 1) Complete the application at <http://chemistry.fullerton.edu/students/scholarships-awards>, answering all questions; 2) Obtain at least two confidential letters of recommendation (in sealed and signed envelopes) from chemistry or science faculty; and 3) Submit letters of recommendation to the CSUF Department of Chemistry and Biochemistry, room MH-580, attention: Department Chair. Note the name of the applicant and the scholarship on the envelopes.

**Application Deadline:** February 24, 2018

## Glen Nakaya Scholarship

**Amount:** \$1,000

**Established by:** This scholarship is named in memory of Glen Nakaya, an outstanding biochemistry graduate of Cal State Fullerton, who succumbed to cancer. It is awarded to a student who has shown academic potential or achievement. The recipient is awarded \$800 cash plus a \$200 book credit. An ad-hoc committee will review the student's academic record and the information provided on the scholarship application.

**Open to:** This scholarship is open to undergraduate students in chemistry/biochemistry.

**Criteria:** Full-time; Academic achievement; Academic potential

**Application Procedure:** Complete the application at <http://chemistry.fullerton.edu/students/scholarships-awards>, answering all questions.

**Application Deadline:** February 24, 2018

## James Sternberg Scholarship

**Amount:** \$500

**Established by:** This scholarship was established in memory of Dr. James Sternberg, a distinguished scientist with Beckman Instruments to assist students who excel in academic performance and show promise in research. The department chair and graduate advisor will review the student's academic record and the information provided on the scholarship application and make the selection. Finalists may be interviewed.

**Open to:** This scholarship is open to first year graduate students completing research.

**Criteria:** Academic achievement; Academic potential

**Application Procedure:** 1) Complete the application at <http://chemistry.fullerton.edu/students/scholarships-awards>, answering all questions; 2) Provide a confidential letter of recommendation (sealed and signed envelope) from your faculty mentor; 3) Submit letter of recommendation to the CSUF Department of Chemistry and Biochemistry, MH-580, attention: Department Chair. Note the name of the applicant and the scholarship on the envelope; and 4) If selected, complete interview.

**Application Deadline:** February 24, 2018

## Glorya Welch Scholarship

**Amount:** \$1,000

**Established by:** This scholarship is named in memory of Glorya Welch, whose estate provided the endowment to fund the scholarship. An ad-hoc committee will review the student's academic record and the information provided on the scholarship application.

**Open to:** This scholarship is open to new community college transfer students based on their first semester at CSUF in a minimum of 6 units of chemistry or biochemistry major coursework.

**Criteria:** GPA; Academic achievement; Academic potential; Financial need

**Application Procedure:** 1) Complete the online SA application at <http://chemistry.fullerton.edu/students/scholarships-awards>, answering all questions; 2) Complete a Free Application for Federal Student Aid (FAFSA), or have one on file, for establishing financial need; 3) Obtain a confidential letter of recommendation (sealed and signed envelope) from a faculty member from your previous college; 4) Obtain a confidential letter of recommendation (sealed and signed envelope) from a faculty member of the Chemistry and Biochemistry department at CSUF; 5) Submit FAFSA materials and letters of recommendation in sealed envelopes to the Chemistry and Biochemistry Department, MH-580, attention: Department Chair. Note the name of applicant and the scholarship on the envelopes; and 6) If selected, complete an interview.

**Application Deadline:** February 24, 2018

## Wegner Family Scholarships

**Amount:** \$7,000

**Established by:** This scholarship was established in 2014 in memory of the late Dr. Patrick A. Wegner, former faculty member and Chair of the Department of Chemistry and Biochemistry. Dr. Wegner was an innovator in his field, a talented teacher of general and inorganic chemistry, a successful researcher and an accomplished chemist who always sought ways to help students succeed in chemistry. An avid researcher, Dr. Wegner secured grants for his projects from agencies such as NASA and the American



Chemical Society Petroleum Research Fund. In the early 1990s, Wegner also engaged in pioneering work in chemical education and innovative software development for teaching freshman chemistry. This led to several large grants from the National Science Foundation, which included a collaborative study with colleagues at Fullerton and UCLA to develop a systemic reform for undergraduate chemistry education. The overall grant was valued at \$2.5 million with CSUF receiving about \$800,000. He developed MCWeb (Mastering Chemistry Web), an online learning system that has been used by students at dozens of colleges, universities and high schools. Dr. Wegner is remembered by his colleagues as kind with a sense of humor, and mostly as a professor who cared deeply about his students' success and was eager to work with colleagues to improve education quality.

**Open to:** This scholarship is open to undergraduate majors in the Department of Chemistry and Biochemistry who have taken their first two years of chemistry course work at California State University Fullerton. All candidates must have completed the first year course (General Chemistry) and have completed or be enrolled in the final term of the second year course (Organic Chemistry).

**Criteria:** The primary selection criteria are academic performance which shall be considered in this order: 1) Chemistry course, 2) ancillary science and mathematics courses, and 3) all courses. Evidence of potential ability to successfully undertake scientific research may be used as a secondary criterion. Need also may be considered as a secondary criterion but never as a primary one.

**Application Procedure:** 1) Complete the online application at <http://chemistry.fullerton.edu/students/scholarships-awards>, answering all questions; 2) Prepare a candidate's statement (one page maximum) of his/her interest in science in general, and chemistry and biochemistry in particular, as well as future educational and career plans; 3) Obtain at least two letters of recommendation from chemistry or science faculty; and 4) Include your transcript of all coursework taken at all college institutions; 5) Submit application materials to the Chemistry and Biochemistry Department, MH-580, (657) 278-3621. The Department of Chemistry and Biochemistry may specify additional application materials consistent with gaining further information relevant to the primary selection criteria but should strive for brevity and conciseness in the application process.

**Application Deadline:** February 24, 2018

## Geological Sciences

### Dr. Margaret Skillman Woyski Scholarship

**Amount:** \$300

**Established by:** This scholarship was established through the generosity of Dr. Woyski, her family, and the alumni and friends of the Department of Geological Sciences. The award will be made on the recommendation of the entire full-time faculty of the department.

**Open to:** This scholarship is open to declared Geology and Earth Science majors.

**Criteria:** Declared geology major with 2.5 GPA or better for the previous academic year. Awarded in odd years to a student who shows financial need and outstanding academic achievement. Service to the

department or the university is also required, i.e., involvement in the geology club, tutoring or participation in faculty directed research. The award will be made on the recommendation of the entire full-time faculty of the department

**Application Procedure:** 1) Complete the application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answering all questions, and sign the certification; 2) Complete a Free Application for Federal Student Aid (FAFSA), or have one on file, for establishing financial need; and 3) Submit the application to the Department of Geological Sciences, MH-254, (657) 278-3882.

**Application Deadline:** February 16, 2018

## David L. Willoughby Scholarship

**Amount:** *Varies* (up to \$750)

**Established by:** This scholarship is given in memory of the late David Willoughby, an alumnus of the department. His family established the award in recognition of David's passion for sedimentary geology and paleontology.

**Open to:** This scholarship is open to undergraduate students who are studying geology or paleontology, or who are participating in course-related fieldwork.

**Criteria:** Minimum GPA of 2.5 or higher in Geological Sciences at the time the scholarship is awarded. Recipient to be selected by faculty of the Department of Geological Sciences.

**Application Procedure:** 1) Complete the Scholarship and Award Application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answer all seven questions, and sign the certification; and 2) Submit the application to the Department of Geological Sciences, MH-254, (657) 278-3882.

**Application Deadline:** February 16, 2018

## Department of Geological Sciences Alumni Field Camp Scholarship

**Amount:** *Varies* (up to \$550)

**Established by:** This scholarship is given through the generosity the alumni and friends of the Department of Geological Sciences.

**Open to:** This scholarship is open to declared Geology and Earth Science majors that will be enrolled in GEOL 481A – Field Camp, in the upcoming summer.

**Criteria:** Awarded to a student who shows financial need, outstanding academic achievement (2.5 GPA or better for the previous academic year), and quality of written statements. Recipient to be selected by faculty of the Department of Geological Sciences.

**Application Procedure:** 1) Complete the Field Camp Scholarship Application Form at <http://geology.fullerton.edu/images/downloads/pdf/forms/FieldCampScholarship.pdf> 2) Answer questions completely; 3) Attach Titan Degree Audit and Financial Aid Award paperwork and 4) Submit the application packet to the Department of Geological Sciences, MH-254, (657) 278-3882.

**Application Deadline:** February 16, 2018

## John D. Cooper Field Camp Scholarship

**Amount:** Varies (up to \$550)

**Established by:** This scholarship was established in the name of the late John D. Cooper, who was a CSUF professor and renowned stratigrapher that valued geologic field work.

**Open to:** This scholarship is open to declared Geology and Earth Science majors that will be enrolled in GEOL 481A – Field Camp, in the upcoming summer.

**Criteria:** Awarded to a student who shows financial need, outstanding academic achievement (2.5 GPA or better for the previous academic year), and quality of written statements. Recipient to be selected by faculty of the Department of Geological Sciences.

**Application Procedure:** Application Procedure: 1) Complete the John D. Cooper Field Camp Scholarship Application Form at <http://geology.fullerton.edu/images/downloads/pdf/forms/CooperFieldCampScholarship.pdf> 2) Answer questions completely; 3) Attach Titan Degree Audit and Financial Aid Award paperwork and 4) Submit the application packet to the Department of Geological Sciences, MH-254, (657) 278-3882.

**Application Deadline:** February 16, 2018

## Geology/Earth Science Study Abroad Scholarship

**Amount:** Varies (up to \$500)

**Established by:** This scholarship was established by Professor Brady Rhodes to encourage and support Geology and Earth Science students studying abroad.

**Open to:** This scholarship is open to declared Geology or Earth Science majors or minors pursuing an undergraduate or graduate degree.

**Criteria:** Preference will be given to students with financial need and participants in the Science and Math Research in Thailand Program (SMRT), however this scholarship remains open to all declared Geology or Earth Science majors or minors, undergraduate or graduate, who are studying abroad. Recipient(s) to be selected by faculty of the Department of Geological Sciences.

**Application Procedure:** 1) Complete the Scholarship and Award Application at [http://www.fullerton.edu/financialaid/\\_resources/pdf/scholarships/Application.pdf](http://www.fullerton.edu/financialaid/_resources/pdf/scholarships/Application.pdf), answer all seven

questions, and sign the certification; and 2) Submit the application to the Department of Geological Sciences, MH-254, (657) 278-3882.

**Applications Deadline:** February 16, 2018

# Mathematics

## Actuarial Studies Scholarship

**Amount:** \$500

**Established by:** This scholarship was established by the Center for Insurance Studies Actuary Program to recognize and honor students with an interest in actuarial science and who have demonstrated strong academic performance.

**Open to:** This scholarship is open to new and continuing full-time math or business students who are pursuing an undergraduate or graduate degree.

**Criteria:** 3.0 GPA; Actuary program interest; Be enrolled in (or have completed) one or more of the following classes: Math 390, Fin 335, 360, 410, 411, 415, 444, 461, 462, 463, 464, 560 or 562

**Application Procedure:** 1) Complete the Center for Insurance Studies "online scholarship application" under "scholarship" at <http://business.fullerton.edu/Center/InsuranceStudies> and submit it online 2) Obtain a copy of your financial award summary through Titan Online, 3) Obtain a copy of your last semester grade report from Titan Online, and 4) Submit application materials to SGMH 4280, (657) 278-2045.

**Application Deadline:** TBD

## Russell V. and Betty L. Benson Scholarship for Undergraduate Mathematics Students

**Amount:** \$6,000 (if two students chosen \$3,000 each)

**Established By:** This scholarship is funded by the Dr. Russell V. Benson and Betty L. Benson Endowment Fund for Undergraduate Mathematics Students.

**Open To:** This scholarship is open to CSU Fullerton junior or senior undergraduate mathematics majors who have a cumulative grade point average of at least 3.0 in his or her current degree program, and who are citizens of the USA.

**Criteria:** Junior or senior status at CSUF for the 2017-2018 academic year \* Minimum 3.0 GPA \* Quality of application

**Application Procedure:** Complete the application available in the Math Department (MH 154) \* Prepare a statement (750-word maximum) outlining your background and your future interests and goals in mathematics \* Attach two faculty recommendation letters which address your academic success and potential in mathematics \* Attach an unofficial transcript \* Submit application materials in a sealed envelope to the staff of the Department of Mathematics in MH-154.

**Application Deadline:** February 23, 2018

## **Russell V. and Betty L. Benson Scholarship for Graduate Mathematics Students**

**Amount:** \$6,000 (if two students chosen \$3,000 each)

**Established By:** This scholarship is funded by the Dr. Russell V. Benson and Betty L. Benson Endowment Fund for Graduate Mathematics Students.

**Open To:** This scholarship is open to CSU Fullerton graduate students who will be pursuing a Masters degree in the Department of Mathematics at CSUF during the 2017-2018 academic year. Recipient must have a cumulative grade point average of at least 3.0 in his or her current degree program and be a citizen of the USA.

**Criteria:** Must be enrolled in a Master's degree program in the Department of Mathematics at CSUF for 2017-2018 \* Minimum 3.0 GPA \* Quality of application

**Application Procedure:** Complete the application available in the Math Department (MH 154) \* Prepare a statement (750-word maximum) outlining your background and your future interests and goals in mathematics \* Attach two faculty recommendation letters which address your academic success and potential in mathematics \* Attach an unofficial transcript of all undergraduate and/or graduate work to date \* Submit application materials in a sealed envelope to the staff of the Department of Mathematics in MH-154.

**Application Deadline:** February 23, 2018

## **Bonsangue Family Scholarship**

**Amount:** \$1,000

**Established by:** This scholarship was established by Martin and Nancy Bonsangue to assist students majoring in mathematics who are the first in their family to complete a bachelor's or master's degree.

**Open to:** This scholarship is open to new and continuing students who are pursuing an undergraduate or a graduate degree in mathematics.

**Criteria:** 3.0 GPA undergraduate; 3.3 GPA graduate; Full-time enrollment (12 units undergraduate; 6 units graduate); First generation college status

**Application Procedure:** 1) Complete the Scholarship and Award Application at [http://www.fullerton.edu/financialaid/\\_resources/pdf/scholarships/Application.pdf](http://www.fullerton.edu/financialaid/_resources/pdf/scholarships/Application.pdf), answer all seven

questions, and sign the certification; On question #7 on the application, please describe your career goals for after graduation and your plan to achieve these goals; 2) Obtain two letters of recommendation; and 3) Submit materials to the Department of Mathematics, room MH-154.

**Application Deadline:** February 23, 2018

## Cheryl and Carl Carrera Mathematics Scholarship

**Amount:** \$1,000

**Established by:** This scholarship was established and is funded by mathematics' alumna Dr. Cheryl Carrera and her husband Carl. It is awarded to a student who is majoring in mathematics and faces unique personal and/or academic challenges.

**Open to:** Returning or continuing students majoring in mathematics. Graduating students who will be entering either the mathematics credential program, or one of the master's degree program offered by the mathematics department at CSUF are also eligible to apply.

**Criteria:** Mathematics major in good standing; 2.0 or greater GPA in mathematics courses

**Application Procedure:** Complete the Scholarship and Award Application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answer all seven questions, sign the certification and submit to the Department of Mathematics, MH 154. On question #7 on the application, please describe your circumstances in pursuing your mathematics degree and the unique challenges you face.

**Application Deadline:** February 23, 2018

## Dr. Gerald Gannon Scholarship

**Amount:** \$500

**Established by:** This scholarship was established by the family and friends of Dr. Gannon to assist students who are planning to become secondary or community college teachers of mathematics.

**Open to:** This scholarship is open to new and continuing students who are enrolled in the Masters of Mathematics – Teaching Option program.

**Criteria:** 3.3 graduate GPA; Potential for excellence in mathematics teaching

**Application Procedure:** 1) Complete the Scholarship and Award Application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answer all seven questions, and sign the certification; On question #7 on the application, please describe your career goals for after graduation and your plan to achieve these goals; 2) Obtain two letters of recommendation; and 3) Submit materials to the Department of Mathematics, room MH-154.

**Application Deadline:** February 23, 2018

## The Kathryn Godshalk Memorial Scholarship

**Amount:** \$1,000

**Established by:** This scholarship was established by the family of Ms. Kathryn Godshalk to recognize distinction in mathematical study and to provide financial assistance.

**Open to:** This scholarship is open to second year graduate students in either the Applied Math or Teaching Math options of our M.A. program who plan on becoming a math teacher.

**Criteria:** Financial need (must still be eligible to receive scholarship money); Distinction in math courses; Potential for excellence in teaching

**Application Procedure:** 1) Complete the Scholarship and Award Application at [http://www.fullerton.edu/financialaid/\\_resources/pdf/scholarships/Application.pdf](http://www.fullerton.edu/financialaid/_resources/pdf/scholarships/Application.pdf), answer all seven questions, and sign the certification; On question #7 of the application, please describe your career goals for after graduation and your plan to achieve these goals; 2) Complete a Free Application for Federal Student Aid (FAFSA), or have one on file, for establishing financial need; 3) Provide two letters of recommendation; and 4) Submit all materials to the Department of Mathematics, room MH-154.

**Application Deadline:** February 23, 2018

## Applied Math Scholarship in Honor of Lila B. and Major Theodore Hromadka

**Amount:** \$250

**Established by:** This scholarship is by nomination only. The scholarship was established by Dr. Theodore Hromadka in honor of his parents to recognize the best first-year graduate student in the Applied Graduate Program. The recipient is selected by the graduate program faculty.

**Open to:** Nomination for this scholarship is open to first-year Applied Graduate Program students.

**Criteria:** Scholastic achievement

**Application Procedure:** Faculty nomination

**Application Deadline:** N/A

## The Rose Klein Award

**Amount:** \$125

**Established by:** This scholarship is by nomination only. It was established in memory of Rose Klein to recognize academic achievement in the study of mathematics and to honor students who demonstrate

outstanding academic performance in completion of the course, Algebra and Probability for the Secondary Teacher, Math 401. Nominations are made by faculty in the Department of Mathematics.

**Open to:** Nomination is open to enrolled students in Cal State Fullerton's course section, Math 401 in the 2017-2018 academic year.

**Criteria:** 3.2 GPA; Academic achievement

**Application Procedure:** Faculty nomination

**Application Deadline:** N/A

## The Stiel Prize for Excellence in Mathematics

**Amount:** \$1,000

**Established by:** This scholarship is by nomination only. This scholarship was established by Dr. Edsel Stiel and Mrs. Laurie Stiel to recognize and honor students who have demonstrated a strong interest and ability in mathematics.

**Open to:** This scholarship is open to undergraduate mathematics students.

**Criteria:** Must have demonstrated strong interest and ability in mathematics as evidenced by: 1) A high level of performance in advanced math courses and, 2) A record of accomplishments outside of courses, including activities such as: a) participation in a REU or other research program; b) presentations of research at regional or national meetings; c) submission of research or problem solutions to mathematics journals; or d) a high level of performance in mathematical competitions.

**Application Procedure:** Mathematics Department faculty nomination.

**Application Deadline:** N/A

## The Brandon Nghi Tran Memorial Scholarship

**Amount:** \$1,500

**Established by:** This scholarship was established by the parents of Brandon Nghi Tran to recognize distinction in mathematics study and to provide financial assistance.

**Open to:** This scholarship is open to continuing sophomore, junior, senior or graduate mathematics majors.

**Criteria:** Financial need; Distinction in math courses



**Application Procedure:** 1) Complete the Scholarship and Award Application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answer all seven questions, and sign the certification; 2) Complete a Free Application for Federal Student Aid (FAFSA), or have one on file, for establishing financial need; 3) Obtain two letters of recommendation; and 4) Submit materials to the Department of Mathematics, room MH-154.

**Application Deadline:** February 23, 2018

## Math Club Scholarship

**Amount:** \$100

**Established by:** This scholarship was established by the Math Club to recognize service. Preference is given to Mathematics majors; Math Club officers who have not previously received this scholarship are eligible.

**Open to:** This scholarship is open to all Math majors and minors who are continuing students.

**Criteria:** Math Club involvement spanning at least one semester; Essay; Future contributions to the Math Club

**Application Procedure:** 1) Complete the application available from the Math Department (MH-154), Tutoring Center (MH-553), or the Opportunity Center (MH-488); 2) Write a brief essay about your favorite Math Club event; and 3) Submit application materials to MH-154.

**Application Deadline:** TBD

## Santa Ana/Cal State Fullerton Mathematics Scholarship

**Amount:** \$300 (two scholarships)

**Established by:** This scholarship was initiated with a \$4,000 donation from Dr. Pagni in 1995 to support students from Santa Ana High Schools who enroll at Cal State Fullerton as Mathematics majors. The amount has been augmented by donations from other educators and businesses. Each year, Dr. Pagni joins Mayor Miguel Pulido of Santa Ana in presenting this scholarship to two new recipients.

**Open to:** This scholarship is open to all Santa Ana Unified School District high school seniors who are planning to attend CSUF to pursue a math degree and teaching credential; Santa Ana high school graduates who are currently enrolled at CSUF as math majors and are planning on pursuing a teaching credential; or current Math majors who graduated from a Santa Ana Unified School District high school.

**Criteria:** Good academic standing

**Application Procedure:** 1) If you meet the application criteria, contact Dr. David Pagni at (657) 278-2671; and 2) If selected as a possible recipient, interview with Dr. Pagni.

**Application Deadline:** TBD

# Physics

## Constance Beech Eiker and Raymond V. Adams Creativity Award

**Amount:** \$1,000 (provisionally limited to two awards)

**Established by:** This award is funded by a generous endowment provided by former distinguished professor and department founder Ray Adams in memory of Constance B. Eiker. The scholarship was established to recognize creativity in the completion of a project aimed at developing an instructional laboratory experiment that might be suitable for use in an undergraduate physics course. The project must be coordinated with a faculty member. Students may work on a creativity project alone or as part of a team of no more than three students. Members of a team will share the cash award, if selected. The name of the recipient is engraved on a permanent plaque kept on display in the department.

**Open to:** This scholarship is open to undergraduate and graduate physics students.

**Criteria:** Good academic standing; Execution of a creative project

**Application Procedure:** 1) Complete the Scholarship and Award Application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answer all seven questions, and sign the certification; 2) Describe the laboratory experiment; and 3) Submit the application to the Department of Physics, MH-611, (657) 278-3366.

**Application Deadline:** February 13, 2018

## Dan Black Physics Scholarship

**Amount:** up to \$2,000 per semester per recipient

**Established by:** The Dan Black Junior Scholarships are presented to physics majors who show promise for successful physics-related careers. Students are eligible to complete for these \$4,000 scholarships, provided through the generosity of CSUF physics graduate Mr. Dan Black, when they reach junior standing in the physics curriculum and are awarded on the basis of both need and promise. Eligible students must have completed all physics courses with a grade of C or higher and received credit for courses numbered 225, 225L, 226, 226L and 227, 227L.

**Open to:** This scholarship is open to undergraduate, with at least junior standing, Physics majors.

**Criteria:** GPA; Financial need

**Application Procedure:** 1) Complete application, available from Physics Department, MH-611, (657) 278-3366; 2) Complete the Free Application for Federal Student Aid (FAFSA) (or have one on file) for establishing financial need; and 3) Submit the application to MH-611.

**Application Deadline:** February 13, 2018

## Rodriguez Graduate Admissions Scholarship

**Amount:** \$1,000

**Established by:** This scholarship was established by Phillipe Rodriguez '16, a Dan Black Physics/Business Scholar alumnus, who realized the importance of guidance, preparation, and financial support during the graduate admissions process.

**Open to:** This scholarship is open to juniors who are pursuing an undergraduate degree in the College of Natural Sciences and Mathematics, and will be applying to graduate school the semester after the scholarship is awarded.

**Criteria:** Must be enrolled in an undergraduate course of study in the College of Natural Sciences and Mathematics ♦ Students in Dan Black Physics/Business Program preferred, but not required ♦ Minimum cumulative GPA of 3.5

**Application Procedure:** 1) Complete the Scholarship and Award Application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answer all seven questions, and sign the certification; and 3.) Submit application to the Assistant Dean's Office, MH-488, (657) 278-4158.

**Application Deadline:** March 2, 2018

## Louis and Sara Shapiro Scholarship Fund

**Amount:** \$500

**Established by:** This scholarship was established and funded by Dr. and Mrs. Mark Shapiro to provide scholarship support to continuing Physics students.

**Open to:** To be eligible for an award, the student must be a continuing physics graduate student or undergraduate physics major with demonstrated financial need. The student must have a grade-point average of 3.0 or higher to be eligible for this award. The student must have at least one semester remaining to complete for his or her degree at the time the award is made.

**Criteria:** 3.0 GPA; Continuing undergraduate or graduate student; Financial Need

**Application Procedure:** 1) Complete the Scholarship and Award Application at <http://www.fullerton.edu/financialaid/resources/pdf/scholarships/Application.pdf>, answer all seven questions, and sign the certification; 2) Complete the Free Application for Federal Student Aid (FAFSA) or have one on file; 3) Submit completed application to MH-611

**Application Deadline:** February 14, 2018

## Robert W. Kedzie Award

**Amount:** \$1,000 (approximately)

**Established by:** These \$500 awards are provided by a generous endowment funded by the family of the late Dr. Robert W. Kedzie, who as a retiree, voluntarily tutored our physics students and left a strong impression on them. The Robert Kedzie awards are for students who have improved their performance in physics courses. The scholarship is by faculty nomination only and all eligible physics majors will be considered.

**Open to:** Nomination for this scholarship is open to continuing juniors and graduating senior Physics majors.

**Criteria:** Academic achievement

**Application Procedure:** Faculty nomination

**Application Deadline:** February 13, 2018