

# STUDENT SCHOLARSHIPS, AWARDS AND RECOGNITION LUNCHEON

The College of Science and Technology's Student Scholarships, Awards and Recognition Luncheon celebrates the success of talented students from the college's departments of Biology; Chemistry; Computer & Information Sciences; Earth & Environmental Science; Mathematics; and Physics, as well as from TUTEACH and the Undergraduate Research Program. This year's program honors 2017 recipients.

## **WELCOME REMARKS**

**Michael L. Klein, FRS**

*Dean and Laura H. Carnell Professor of Science*

## **GRADUATE STUDENT AWARDS**

**Robert J. Levis**

*Senior Associate Dean*

## **UNDERGRADUATE STUDENT AWARDS**

**Michael Lawlor**

*Assistant Dean for Undergraduate Affairs*

## **CLOSING REMARKS**

**Michael L. Klein**

# GRADUATE STUDENT AWARDS, SCHOLARSHIPS AND RECOGNITION

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## **Dean's Award for Outstanding Teaching Assistant**

Awarded to a CST graduate student who demonstrates exemplary teaching, as well as making significant contributions to the field of STEM education through outreach and mentoring.

Hussein Awala, *Mathematics*

## **Outstanding Research Award in Biology**

Awarded to CST graduate students who demonstrate excellence in research.

Krishna Mudumbi, *Biology*

## **Outstanding Research Award in Chemistry**

Awarded to CST graduate students who demonstrate excellence in research.

Mohammad Sharifian, *Chemistry*

## **Outstanding Research Award in Mathematics**

Awarded to CST graduate students who demonstrate excellence in research.

Farhan Abdedin, *Mathematics*  
Hussein Awala, *Mathematics*

## **Outstanding Research Award in Physics**

Awarded to CST graduate students who demonstrate excellence in research.

Narendra Acharya, *Physics*  
Devika Gunarathne, *Physics*

## **Outstanding Teaching Assistant Award in Biology**

Awarded to CST graduate students who demonstrate excellence in teaching.

Shohini Bhattacharya, *Physics*

**Outstanding Teaching  
Assistant Award in Chemistry**

Awarded to CST graduate students who demonstrate excellence in teaching.

Taylor Keller, *Chemistry*  
Derek Wozniak, *Chemistry*

**Outstanding Teaching  
Assistant Award in Physics**

Awarded to CST graduate students who demonstrate excellence in teaching.

Avik Biswas, *Physics*

**The Peter Havas Humanitarian  
Scholarship for Outstanding  
Physics Graduate Students**

Established in 2004 by Dr. Angelo Armenti Jr., CST '65, '70, in honor of Peter Havas, to provide scholarships for graduate students majoring in physics who have demonstrated academic achievement and who have financial need.

Aydin Sanli, *Physics*

**The Stanislav Kotsev, CST '99,  
Memorial Award**

Established to provide for an award to be given to a student of exceptional character who is making excellent progress in the Physics graduate program at Temple University.

Hamza Atac, *Physics*  
Christopher Kim, *Physics (2016)*

# UNDERGRADUATE STUDENT AWARDS, SCHOLARSHIPS AND RECOGNITION

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## COLLEGE-WIDE

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### **Alexander von Humboldt Science Education Award**

This award is given to a CST student who has inspired others to learn science. The award is made in honor of Alexander von Humboldt (1769-1859), who created the way we understand nature today. He developed the idea that nature was a web of life and described Earth as a living organism.

Syeda Nahri, *Biology with Teaching*

### **College of Science and Technology Alumni Endowed Scholarship**

Established in 2014 by the CST Alumni Board, the scholarship recognizes students who demonstrate academic excellence.

Laura Baratta, *Chemistry*

Steven Lui, *Biology*

Matthew Wynne, *Mathematics*

### **College of Science and Technology Student Advisor Award**

This prize is awarded to a student advisor/ombudsperson who has demonstrated an outstanding record of scholastic achievement and service to students.

Emily Laughlin, *Chemistry*

### **Debra and Stanley Lefkowitz Undergraduate Student Research Awards**

Established in 2011 by Dr. Stanley A., CST '65, and Mrs. Debbie K. Lefkowitz, to provide for research awards for undergraduate students in the College of Science and Technology.

Eromon Asikhia, *Biochemistry*

Megan Connors, *Biology*

Daniel Deegan, *Biology*

Aimee Dubin, *Biology*

Harrison Hannold, *Chemistry*

Daniel Jovinelli, *Chemistry*

Sara LeMar, *Neuroscience: Cellular & Molecular*

Katia Matychak, *Neuroscience: Cellular & Molecular*

Aaron McLeod, *Chemistry*

Taylor Spoon, *Biology*

Ralph St. Luce, *Biochemistry*

### **Florence R. Berg Scholarship**

Established in 2008 by Florence R. Berg, CST '49, to provide scholarships for students enrolled in the College of Science and Technology who are conducting summer research.

Kari Strouse, *Biochemistry*

### **John A. Poole Memorial Scholarship**

Established in memory of John A. Poole, distinguished professor of chemistry from 1964 to 1999, this prize is awarded to an undergraduate student who has made exceptional service contributions to his or her department.

Geyon Garcia, *Biology*

**Jules J. Sheldon, D.D.S  
Endowed Scholarship**

Established in 2010 by a bequest from Jules J. Sheldon, CST '43, DEN '47, to provide scholarships for students enrolled in the College of Science and Technology.

Trevor Murray, *Geology*  
Taya Syed, *Biology*  
Sabrina Toles, *Biology*

**Louis Stokes Alliance for Minority Participation (AMP) Award for Academic Achievement**

Awarded to a student who has demonstrated academic excellence within the Alliance for Minority Participation program.

Mckenzie Cunningham, *Mathematics and Computer Science*  
Karen Gomez-Inguanzo, *Biochemistry*

**Louis Stokes Alliance for Minority Participation (AMP) Award for Research**

Awarded to a student who has demonstrated research excellence within the Alliance for Minority Participation program.

Owenvbugue Iduoze, *Biology*  
Laure Seraphin, *Biology with Teaching*

**Natan Luehrmann-Cowen Memorial Award**

Established by Mia Luehrmann and Ben Cowen in 2010 to provide for an award to an outstanding junior or senior in the College of Science and Technology who demonstrates academic excellence. Preference will be given to students who have also

demonstrated achievement in one or more of the following: chess, bridge, or playing a musical instrument.

Jessica Hart, *Environmental Science*  
Jason Loux, *Mathematics and Computer Science*

**Otto Kurschner Memorial Award**

Awarded in memory of Otto Kurschner, A.B. 1914, Temple University, to a member of the graduating class concentrating in biology, biochemistry, geology, or physics who has attained the highest scholastic average.

Jill Snyder, *Physics*

**Robert A. Figlin Family Research Award**

For outstanding juniors and seniors majoring in chemistry, physics, math or computer and information sciences.

Alexandra Bruefach, *Biology*  
Kaitlyn Dutton, *Neuroscience: Cellular & Molecular*  
Aiden Lorenz, *Mathematics and Physics*  
Lulu Peach, *Environmental Science*  
Sujay Rajkumar, *Mathematics*

**Robert and Rita Cook Science Scholars**

Supports exceptional incoming CST students with paid summer research and academic and professional development.

John Male, *Computer Science*  
Noah Sheedy-Gilly, *Biochemistry*

## BIOLOGY

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### **Seda Tarzian Endowed Scholarship**

Established in 2006 by Seda Tarzian, CST '48, the Tarzian Scholarship is presented to academically talented students majoring in the sciences, with preference given to those who have experienced socioeconomic or educational disadvantages.

Sabrina Toles, *Biology*

### **The Chachkin-Kean Fund for Undergraduate Research**

The fund provides financial support for students participating in CST's Undergraduate Research Program, assisting with research of a faculty member in the student's major field of study.

Kari Strouse, *Biochemistry*

### **Undergraduate Research Symposium Award**

Established in 2010 to acknowledge the best posters of undergraduate students who participated in the research symposium as part of the Undergraduate Research Program. This year's awards are sponsored by Joseph Allegra, MD, CST '70.

#### **First place:**

Aaron McLeod, *Chemistry*

#### **Second place:**

Devon Riggs, *Biochemistry*

#### **Third place:**

Rachel Crowley, *Environmental  
Science*

Taylor Spoon, *Biology*

### **Andrea Broad Scholarship in Biological Sciences**

Established in 2000 by William E.S. Browning in 2000, in honor of Andrea Broad, CLA '73, LAW '79, the Broad Scholarship is awarded to an outstanding undergraduate student majoring in the biological sciences.

Alan Clinton Arriola, *Biology*

### **Barak Artzy Memorial Award**

Established in 1976 by Helene H. Stolker, in memory of Barak Artzy, the Artzy Award is presented to a member of the graduating class who has been an outstanding student in biochemistry, biology, or chemistry in the pre-medical program.

Neil Shah, *Biochemistry*

### **Charles Hodge IV Prize in Biology**

Established in 1985 by Dr. Ruth Patrick in memory of her husband, Dr. Charles Hodge IV, a member of the Department of Biology, for students to purchase books and/or journals in entomology or invertebrate zoology.

Carolina Caban, *Neuroscience:*

*Cellular & Molecular*

Zachary Grace, *Biology*

Lyanna Kessler, *Neuroscience: Cellular  
& Molecular*

Connor Magura, *Biology*

Amanda Peluzzo, *Biology*

### **Dr. Lorraine H. Kligman Endowed Scholarship**

Established in 1998 by Dr. Kligman, CST '66, CLA '74, to provide scholarships for non-traditional

sophomore biology students who have demonstrated academic achievement, with preference given to students who are single parents.

Sarvinoz Raufova, *Biology*

**Dr. Nina W. Hillman Award**

Established by Dr. Ralph Hillman in memory of Laura H. Carnell Professor of Biology Nina W. Hillman, the award is given to a graduating senior in biology who has shown excellence in both the classroom and in research in developmental biology or genetics.

Rachel Paul, *Biology*

**James A. Harrison Memorial Award**

Established in 1975 by Henry Harrison in memory of Dr. Harrison, a member of the Department of Biology faculty for 35 years, the award is presented to an outstanding senior biology major on the basis of scholarship, research accomplishment and extra-curricular activities in the department. The recipient is determined by the Department of Biology.

Sabrina Toles, *Biology*

**Mark Berger Memorial Scholarship**

Established in 1990 by Michael R. Berman, CST '66, in memory of his classmate Mark Berger, to provide scholarships to biology students who have demonstrated academic achievement.

Romsin McQuade, *Biology*

**Paul G. Curcillo II, MD Biology Award**

Established in 2008 by Paul G. Curcillo II, MD, CST '84, to provide annual awards to seniors majoring in biology with demonstrated excellent academic performance.

Azam Husain, *Neuroscience: Cellular & Molecular*

**Sol and Elise Deglin Memorial Award**

Established in 1977 by Beatrice Deglin Leder, EDU '42, and others in honor of her brother, Sol Deglin, EDU '38, the Deglin Award is presented to outstanding graduating biology students who are interested in teaching careers.

Kelly McMonagle, *Biology*

CHEMISTRY

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**Abraham, CST '48, and Ruth Clearfield Scholarship**

Established in 2005 by Dr. Abraham, CST '48, '51 and Mrs. Ruth Clearfield, the Clearfield Scholarship is awarded to full-time undergraduate students majoring in chemistry, or another physical science, who have demonstrated outstanding academic performance. With preference given to students who are graduates of South Philadelphia High School.

Loveyy Mohamad, *Chemistry*  
Minhchau Pham, *Chemistry*

**Albert B. Brown  
Chemistry Scholarship**

Established in 2010 by Albert B. Brown, CST '64, for United States citizens and permanent resident students who plan to pursue industrial chemistry as a profession, provides scholarships to biology students who have demonstrated academic achievement.

Laura Baratta, *Chemistry*  
Chey Jones, *Chemistry*  
Jeremy Schuck, *Chemistry*  
Jason Tran, *Chemistry*

**American Chemical Society  
Undergraduate Award in  
Analytical Chemistry**

Awarded to an outstanding student who has displayed an interest in and aptitude for analytical chemistry.

Viktoriya Trunnikova, *Chemistry*

**American Chemical Society  
Undergraduate Award in  
Inorganic Chemistry**

Awarded to an outstanding student who has displayed an interest and aptitude for inorganic chemistry.

Andrew John Hicks Jr., *Chemistry*

**American Chemical Society  
Undergraduate Award in  
Organic Chemistry**

Awarded to an outstanding student who has displayed an interest and aptitude for organic chemistry.

Brandon Bloomer, *Chemistry*

**American Institute of Chemists  
Award**

Awarded to an outstanding senior majoring in chemistry, chemical engineering, or biochemistry. This award is given based on demonstration of leadership, ability, character, scholastic achievement, and potential for advancement of the chemical professions.

Stephen DiLuzio, *Chemistry*

**Chemistry Undergraduate  
Service Award**

Awarded to an undergraduate student who has made exceptional service contributions to the chemistry department

Daniel Jovinelli, *Chemistry*

**Edward and Frances Fineman  
Scholarship**

Established in 1995 by Robert M. Fineman, CST '66, in memory of his parents, to provide scholarships for undergraduate chemistry students who have financial need and demonstrated academic achievement.

Alexandra Bruefach, *Biology*

**Hazel M. Tomlinson, Ph.D.  
Memorial Scholarship**

Established in 1995 by the estate of Hazel M. Tomlinson, CST '26, '28, a longtime member of the Department of Chemistry faculty, to provide scholarships for undergraduate chemistry students who have demonstrated academic achievement.

Owen Glaze, *Biochemistry*  
Abdulah Mohamad, *Chemistry*  
Astha Patel, *Biochemistry*  
Codee Ross, *Chemistry*  
Rachel Yoo, *Biochemistry*

### **Herbert M. Winegard Memorial Award**

Established in memory of Herbert Winegard to award a member of the graduating class majoring in chemistry who has the highest GPA in undergraduate chemistry courses.

Karen Gomez-Inganzo, *Biochemistry*

### **Jasco Analytical Award**

Awarded to a graduating chemistry major who has demonstrated a high level of achievement in the field of analytical chemistry.

Laura Baratta, *Chemistry*

### **Philadelphia Section of the American Chemical Society Award**

Awarded to the member of the graduating class, concentrating in chemistry, whose work in that field has been outstanding

Chey Jones, *Chemistry*

Calva Moreno, *Biochemistry*

### **Richard Asher Paclin Memorial Award**

Established in 1974, by Estelle and Martin Paclin, LAW '32, the parents of Richard Asher Paclin, CST '73, who demonstrated exceptional achievements, the Paclin award is presented to members of the graduating class who have demonstrated superior academic success in the chemistry program.

Adam Friedman, *Biochemistry*

### **Shirley and Bernard Brown Scholarship**

Established in 1995 by Shirley, CLA '45, '47, and Bernard, CLA '45, Brown, the Brown Scholarship is awarded to one junior or senior chemistry student who has demonstrated outstanding academic achievement.

Austin Kooker, *Chemistry*

## **COMPUTER & INFORMATION SCIENCES**

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### **CIS Student Achievement Scholarship**

Awarded to computer science or information science and technology majors for showing potential for high academic and professional achievement with preference for students from backgrounds that are underrepresented in the fields.

Jasmeet Kaur, *Computer Science*

### **Computer & Information Sciences Department Award for Outstanding Achievement**

Awarded to the member of the graduating class who is concentrating in CIS with the highest overall grade point average

Mckenzie Cunningham, *Mathematics  
and Computer Science*

**Computer & Information Sciences  
Department Award for  
Outstanding Undergraduate  
Course Assistant**

Awarded to a CIS course assistant for excellence in teaching.

Graeme Copeland, *Computer Science*  
Da Lin, *Computer Science*

**Computer & Information Sciences  
Junior Scholarship**

Established in 1997, the purpose of the fund is to award annual scholarships to an outstanding junior in the CIS department.

Mckenzie Cunningham, *Mathematics  
and Computer Science*

**Computer & Information Sciences  
Student Leadership Award**

Awarded to an undergraduate who has made a significant contribution to the computer and information sciences organization and to the department.

Colton Howard, *Information Science  
and Technology*

**Petchon Family Computer  
and Information Science  
Endowed Scholarship**

Established by Steven Petchon, FOX '80, for United States citizens and permanent resident students, awarded to an undergraduate in the Department of Computer & Information Sciences who has demonstrated academic excellence.

Xiaosheng Zheng, *Computer Science*

**Scott Hibbs Future of  
Computing Award**

Established by Christopher Gali, CST '94, in memory of Scott Hibbs, this prize is awarded to an undergraduate student majoring in Computer & Information Sciences who has demonstrated academic achievement.

Yu Sang, *Computer and Information  
Science*

EARTH &  
ENVIRONMENTAL  
SCIENCE

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**Helen Leshock Molnar and  
Jeffrey G. Molnar, CST '76, Award**

Established in 2008 by Jessie L. Smith to provide an award to an outstanding graduating senior who majored in either chemistry or geology, with preference given to female students. Award recipient determined by CST and the Department of Earth & Environmental Science.

Trevor Murray, *Geology*

MATHEMATICS

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**David Tepper, CST '64, and Elaine  
Kowalewski Scholarship in  
Mathematics**

The purpose of the fund is to provide scholarships for rising sophomores or juniors in good academic standing, majoring in mathematics.

Alexandra Jones, *Mathematics*

**Francis James and Helen C. Sholomskas Award for Outstanding Students**

Established in 1979 in memory of Francis James Sholomskas, EDU '48, CLA '60, former assistant chairman of the Mathematics Department, the Sholomskas Award for Outstanding Students is presented to a senior in a mathematics major who has demonstrated exceptional academic success in the math program and active participation in university activities. Recipient determined by the Department of Mathematics.

Dong Bin Choi, *Computer Science*  
Jordan Cregger, *Mathematics*  
Fiona Galzarano, *Mathematics*

**Phyllis Zayon Steinberg Memorial Award in Mathematics**

Established by Dr. Leon Steinberg in memory of Phyllis Zayon Steinberg, gifted mathematician, former student and member of the Mathematics Department, the Steinberg Award is presented to a member of the graduating class who has demonstrated superior achievements in the math program and has promise in the field of mathematics. The recipient is determined by the Department of Mathematics.

Andrew Higgins, *Applied Mathematics*

**Sholomskas Progress to Excellence Scholarship**

Established in 1979 in memory of Francis James Sholomskas, EDU '48, CLA '60, former assistant chairman of the Mathematics Department, the Sholomskas Progress to Excellence Scholarship is presented to a junior or senior in a mathematics major who began their college mathematics studies with Intermediate or College Algebra and has demonstrated excellent academic success in the math program and active participation in University activities. The recipient is determined by the Department of Mathematics.

Dong Bin Choi, *Computer Science*  
Jordan Clever, *Mathematics*  
Mckenzie Cunningham, *Mathematics and Computer Science*  
Hoa Huynh, *Mathematics*  
Joseph Norkin, *Mathematics and Computer Science*

**The Orin N. Chein Most Promising Mathematics Major Award**

Established in 1995 by Orin N. Chein, longtime faculty member in the department and current professor emeritus of mathematics, the award is presented to a student who excels in a theoretical, proof-writing mathematics course, such as Basic Math Concepts or Modern Algebra, and demonstrates great potential in the field.

Aidan Lorenz, *Mathematics and Physics*

## PHYSICS

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### **Dr. Paul G. & Beatrice Zackon Physics Scholarship**

Established in 2011 by Richard B. Zackon to provide scholarships for outstanding students majoring in physics.

Antonio Franco, *Physics*

### **Murray Green Memorial Prize in Physics**

Established in 1995 by Murray Green, CST '57, the prize is awarded to an outstanding graduating student majoring in physics. The award recipient is determined by the Department of Physics.

James E. Fitzgerald III, *Physics*

## TUTEACH

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### **Donald and Annette Baird Family Award**

Established in 2012 by Dr. Douglas Baird, to provide awards to academically excellent junior or senior students in the TUTEACH program who have a commitment and an ability to teach, a demonstrated dedication to community service and strong moral character.

Elliot Bickel, *Mathematics  
with Teaching*

### **Dr. Muriel Apfelberg Brownstein Science and Math Education Endowed Scholarship**

Established by the family of Dr. Muriel Brownstein, the fund honors the legacy of the life-long advocate for science education, and is awarded to a TUTEACH student who has demonstrated academic excellence.

Margaret King, *Mathematics  
with Teaching*

### **Morna Brennen Memorial Scholarship**

Established in 2008 by Kenneth R. Brennen, PhD, CST '62, '66, in memory of his daughter to provide scholarships for students enrolled in the College of Science and Technology who plan to pursue a degree in math and/or science teaching certification through TUTEACH or another program.

Charles Dao, *Chemistry  
with Teaching*

Jessica McLaughlin, *Earth & Space  
Science with Teaching*