

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic feel.

College of Science and Mathematics Recognition of Excellence Day!

May 2019

CSAM Rocks!

This is our 15th year of celebrating excellence in CSAM.

We gave you the opportunity to nominate your colleagues, students, and co-workers in the CSAM community who made significant contributions this past year.

This year, people were nominated in the categories of:

- ▶ Community building
- ▶ Professional recognition
- ▶ Student recognition
- ▶ Leadership
- ▶ Alumni Achievement

Community Building

- ▶ Mr. Daniel Truitt
 - ▶ Developed and implemented TEAM CSAM
- ▶ Dr. Steven Greenstein and Dr. Eileen Murray
 - ▶ Focus group leaders in designing Math 100 Intermedia Algebra to increase student success
 - ▶ Assisted in RHMLC tutoring staff of 30 people to work directly with 1800+ students
- ▶ Dr. Scott Kight
 - ▶ Organization of CSAM events, energetic, motivating, supportive
 - ▶ inspires faculty and staff to volunteer and engage in CSAM initiatives, activities and events
- ▶ Dr. Aihua Li
 - ▶ LSAMP Director since 2016; distinguished record of student mentorship
- ▶ Dr. Amy Tuininga
 - ▶ 3rd year of Green Teams and supporting our students
 - ▶ Building partnerships across the University and with community/industry

Leadership

- ▶ Dr. Dawei Li (and Sammy Samkough)
 - ▶ Significant leadership in the Computer Science Club
 - ▶ Conceived, planned and implemented 24 Hour Hacking Competition
- ▶ Ms. Celeste Van Nice
 - ▶ Founding Director of our Student Success Center
 - ▶ Created and advising model where CSAM freshmen will have a professional and faculty academic advisor
- ▶ Dr. Pankaj Lal
 - ▶ Founding Director of the Clean Energy and Sustainability Analytics Center (CESAC)
- ▶ Dr. Mark Chopping
 - ▶ DPD for the Environmental Science and Management program, new doctoral recruits
- ▶ Special thanks to Ms. Gennae Hinson (Director of Career Development)

Professional Recognition

- ▶ Dr. Yang Deng
 - ▶ 2019 AAEE Superior Achievement Award for his project studying emergency water treatment with ferrate(VI) in response to natural disasters
- ▶ Dr. Kirsten Monsen **student nominated: Gerard Nasser**
 - ▶ Reinforces students' confidence in the subject matter
 - ▶ Provides honest advise in students' selection of career aspirations
 - ▶ Creates a “safe space” in her office where students can discuss their academic performance and personal issues
- ▶ Ms. Kalli Wood and Ms. Charlotte Cuss Bracchitta
 - ▶ Working on Block Scheduling for incoming first year students
 - ▶ Department goal of having CSAM students to graduate within 4 to 5 years
 - ▶ Developed a speaker series called “Conversations in Science” - Spring 2019

Alumni Achievements

► Adebanke (Banke) Fagbemi, PhD

Banke was born and raised in Nigeria, West Africa, where she first nurtured her interest in science during her undergraduate studies in Microbiology.

She moved to the United States and pursued her Master's degree in Molecular Biology at MSU, where she discovered a passion for DNA & Molecular Biology in particular. She then pursued a PhD in Molecular & Cellular Biology at Stony Brook University in NY, focusing on a human DNA Repair pathway.

Since completing her PhD, Banke has veered into what is often described as a “non-traditional” career path, moving first into Life Sciences consulting, and then transitioning into marketing in the healthcare industry.

Student Recognition

► **William Anderson**

Dr. Jorge Lorenzo-Trueba

- Accepted to three Doctoral Programs
- Work Currently under review in the Journal of Computer and Geosciences

► **Daniel Ciarletta**

Dr. Jorge Lorenzo-Trueba & Dr. Greg Pope

- Outstanding research, team work and spirit along with a great ability to mentor students
- Top 10 High Score at the AAG World Geography Bowl in which there were over 300 participants

► **Angelo Cirinelli**

Dr. Lora Billings

- Outstanding researcher, office assistant, and team player
- Winner of the 2019 Casabona Future Scientist Award

► **Junkui Cui**

Dr. Yang Deng

- Outstanding doctoral student and researcher
- Recipient of the 2018 Tracy G. Liberi Drinking Water Careers Memorial Scholarship (1st at MSU)

Student Recognition

▶ Tony Elias

Dr. Sandra Adams

- ▶ Excellent analytical and reasoning skills; produced publishable results
- ▶ SHIP researcher who has worked with Dr. Adams for the last four semesters

▶ Kimberly Fabijanczuk

Dr. Jinshan Gao

- ▶ Research assistant since sophomore year, Accepted to a PhD program at Purdue
- ▶ 2019 CSAM Convocation speaker

▶ Koralee Grullon

Ms. Gennae Hinson

- ▶ Supported CSAM Student Success Center, edited hundreds of undergraduate resumes
- ▶ Assisted in improving marketing promotions for the Student Success Center

▶ Tori Zirul

Dr. Scott Kight

- ▶ Founder of the MSU Chapter of American Association of University Women (AAUW) and Association for Women in Science (AWIS)
- ▶ Implemented TEAM TECH for female high school students to come to CSAM-MSU for hands on experiences in science

2019 Retirements

- ▶ Dr. Ernie Ma
Department of Physics and Astronomy
(hired in 1983)
- ▶ Dr. Mark Hubey
Department of Computer Science
(hired in 1983)



We also want to thank our Department Chairs!

- ▶ Biology - Dr. Dirk Vanderklein
- ▶ Chemistry and Biochemistry - Dr. Saliya DeSilva
- ▶ Computer Science - Dr. Dino Coutras
- ▶ Earth and Environmental Studies - Dr. Greg Pope
- ▶ Mathematical Sciences
 - Dr. Quinn Vega, *new* Dr. Ashwin Vaidya (July 2019)
- ▶ Physics and Astronomy
 - Dr. Dean Hamden, *new* Dr. Marc Favata (July 2019)

... and our CSAM committee representatives!

- ▶ General Education Committee: **Josh Galster, Reggie Halaby** (EAB representative)
- ▶ University Undergraduate Curriculum Committee: **Henk Eshuis**
- ▶ Graduate Council: **Katherine Herbert, Bharath Samanthula**
- ▶ Grade Grievance Committee: **Teo Paoleti**
- ▶ Distinguished Teacher Committee: **Ann Marie DiLorenzo, Jack Isidor** (alternate)
- ▶ Distinguished Scholar Committee: **Henk Eshuis**
- ▶ Sabbatical Committee: **Yang Deng, Marc Kasner** (alternate)

- ▶ IACUC Chair: **Lisa Hazard**
- ▶ University Undergraduate Curriculum Committee Chair: **Jim Dyer**

Other special thanks to ...

- ▶ Dr. Emily Issacs for her brave expedition to CSAM
- ▶ All the people who supported the Student Research Symposium
- ▶ The people who supported the Women in Science event yesterday
- AAUW/AWIS and Physics Club



Personnel Announcements

- ▶ Dr. **Amy Tuininga** was appointed to faculty status in the Department of Earth and Environmental Studies.
- ▶ We welcome **Claudia LaRue** to the PSEG Institute for Sustainability Studies
- ▶ Arriving May 20, our new Academic Advisor & Transfer Specialist, **Christina Sgambellone**
- ▶ We will have 4 new tenure track faculty joining us in the fall
- ▶ We had the following departures: Kelly Patterson, JoAnn Keatz, and Shari Ferguson-Murtha
- ▶ Searches for a new Vivarium Director and Development Director are in process

Enjoy the summer!!!

