

Riane Dixon

Studying biochemistry in the
College of Liberal Arts and Sciences
at Wayne State University

SAVE
the **WORLD**



College of Liberal
Arts and Sciences

Detroit, Michigan




Welcome to **WAYNE STATE UNIVERSITY**

For nearly 150 years, Wayne State University has been changing the world from the heart of Detroit. A nationally recognized institution offering more than 380 academic programs through 13 schools and colleges, Wayne State provides a student-centric education in the middle of one of the nation's most vibrant cities. Here, students learn from professors renowned for their work in and out of the classroom, and then put their education to practice in a city famous for its culture, history and diversity. And as Michigan's only public, urban research institution, Wayne State provides students numerous opportunities to put their knowledge to the test in state-of-the-art laboratories and gain work experience with the renowned hospitals, law firms and businesses located within walking distance of our Midtown campus. Here, students don't just prepare for a job; they prepare for the future.



AIM HIGHER





"I LOVE THE WAY ALL OF
THE SCIENCES AND MATH
INTERTWINE AND CONNECT.
I FIND IT AMAZING. IT JUST
MAKES SENSE TO ME."

—Riane Dixon

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Physical Sciences and Mathematics

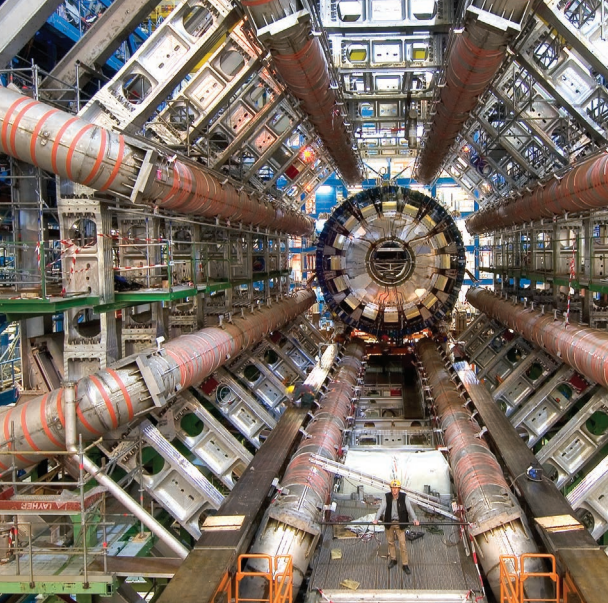
From the grandeur of the universe to the intricate chemical reactions that create and sustain life, the physical sciences explore the processes that occur all around us. Key to this is mathematics, which helps us analyze and understand these processes more clearly.

Because the physical sciences and mathematics are so key to understanding the world, it's crucial that students have opportunities for hands-on experiences putting this knowledge into action. Wayne State offers numerous opportunities to put concepts into practice in our laboratories, research centers and through internships.

Physical science and mathematics students often go on to challenging and rewarding post-graduate programs. Careers in this field are wide-ranging and exciting, from chemists who study the rules that govern the planet to astronomers who study the vastness of the galaxy. Geologists, mathematicians and scientists expand our understanding of the world, and teachers pass those lessons on to future generations. This field allows us to explore our planet in greater detail, and transforms our understanding of it.



For more information, visit clas.wayne.edu.



Majors in the physical sciences and mathematics at Wayne State University

Astronomy — Study the stars, planets and universe in this fascinating field.

Biochemistry and chemical biology — Receive a solid foundation in chemistry and in-depth knowledge and training in biochemistry and molecular biology.

Biomedical physics — Prepare for medical school and learn to use quantitative, physical science-inspired approaches to problems of the life sciences.

Chemistry — Develop your knowledge in the five areas of chemistry (organic, inorganic, analytical, physical and biological).

Geology — Learn about the earth's structure, history and the processes that affect it.

Mathematics — Study quantity, structure, space and change in a field that has implications for science, engineering, medicine and research.

Physics — Learn about matter, energy and the interactions between them.

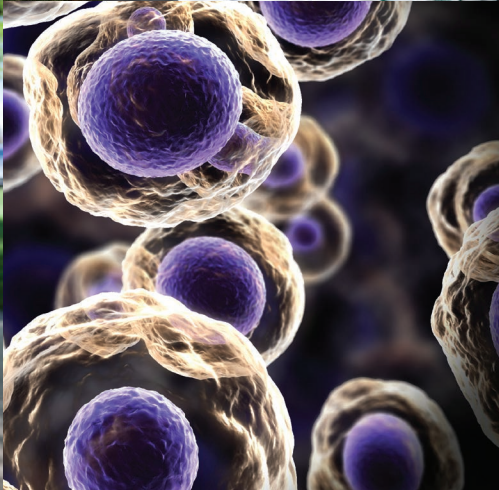




About the College of Liberal Arts and Sciences at Wayne State University:

The College of Liberal Arts and Sciences (CLAS) offers 40 degree programs through 19 departments, making it the largest and most comprehensive of Wayne State's schools and colleges. CLAS produces well-rounded students with a passion for lifelong learning and the skills to succeed at whatever they choose to do. It's where the humanities meet history, where Plato meets plate tectonics, and where our students come for the richest educational experience on campus.

CLAS students benefit from Wayne State's unique identity as a public, urban research university holding the Carnegie Foundation's highest classification for research. They have countless opportunities for hands-on learning, not just in our laboratories but throughout the community, through partnerships with local hospitals and access to Michigan's amazing natural resources. Aspiring writers, artists and actors study within walking distance of the nation's best museums, libraries and theatres, and a wide range of study abroad opportunities help them become well-rounded global citizens. Social science majors benefit from Wayne State's Midtown location, which provides them with the opportunity to work alongside local law firms, community organizations and law enforcement agencies in one of the world's most fascinating and diverse cities. Here, classroom work leads to real-world application, equipping students to go out and change the world.



Programs in the College of Liberal Arts and Sciences

African American Studies
Anthropology
Biological Sciences
Biomedical Physics
Chemistry
Classical and Modern Languages,
Literatures, and Cultures
Communication Sciences and Disorders
Creative Writing
Criminal Justice
Dietetics
Economics
Employment and Labor Relations
English
Environmental Science
Excellence and Equity in Mathematics
Film Studies
Gender, Sexuality, and Women's Studies
Geology
Global Studies
History
International Studies
Jewish Studies
Labor Studies
Latino/a and Latin American Studies
Linguistics
Language Learning
Mathematics
Mathematical Economics
Nutrition and Food Science
Philosophy
Physics
Political Science
Psychology
Public Administration
Public Affairs
Public Health
Religious Studies
Rhetoric and Composition
Social Work
Sociology
Urban Studies and Planning

CLAS FACTS



Research as an
undergraduate
student in more
than **300**
CLAS LABS.

10,719 STUDENTS
2015 TOTAL ENROLLMENT

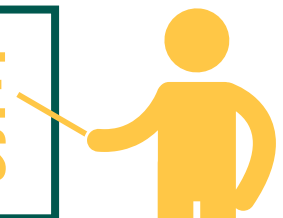


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for each of our 19 departments.

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FACULTY MEMBERS**



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