

Duke

TRINITY COLLEGE OF
ARTS & SCIENCES

BY THE NUMBERS 2016



[HTTP://TRINITY.DUKE.EDU](http://trinity.duke.edu)



Our Life's Work

Trinity College of Arts & Sciences is the heart of Duke University. Our faculty collaborate across Duke's top ranked schools of business, divinity, engineering, environmental science, law, medicine, public policy, and nursing. We award nearly 80 percent of undergraduate degrees and support deeply interdisciplinary exploration in our undergraduate and graduate curricula. We value ambition paired with meaningful goals, and we strive to give students exceptional access to our faculty and their research programs. We believe in the transformational possibilities of a Duke education.

Diversity is at the core of a liberal arts education—and at the very core of our institutional values. We believe that diversity—in all its forms—is a driver for new ideas, creativity and academic excellence. To be a truly educated person, we believe we all should embrace and practice an appreciation for different disciplines, thought processes, modes of expression, and histories.

Valerie S. Ashby Dean, Trinity College of Arts & Sciences

Faculty & Research

648

Faculty Members

62% Men

38% Women

22% Faculty of Color

Undergraduate Class of 2015/2016

BY THE NUMBERS

1400

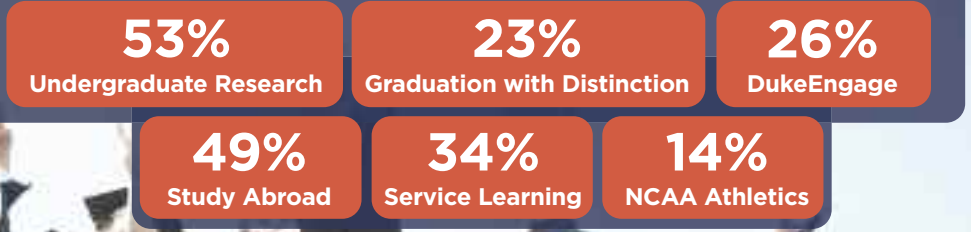
Graduating Class of 2016

46% Men | 54% Women | 47% Students of Color

DIVERSITY OF ACADEMIC CHOICES



ACADEMIC ENGAGEMENT



Undergraduate Offerings

48
Majors

50
Minors

21
Certificates

Inspired Teaching

OUTSTANDING FACULTY IN THE CLASSROOM

These awards, which honor some of the best faculty members and scholars at Duke University, highlight the university's important values — teaching, leadership and diversity.



Henry Greenside, PHYSICS

David & Janet Vaughan Brooks Award

"Without Henry, we would not have been able to create this (a new major in biophysics) highly visible and extraordinarily successful new program."

Professor Steffen Bass, Physics



Harris Solomon, CULTURAL ANTHROPOLOGY

Robert B. Cox Award

"He is someone who thinks teaching and research together, enabling the one to inform the other."

Professor Charles Piot, chair of Cultural Anthropology



Mark Goodacre, RELIGIOUS STUDIES

Howard D. Johnson Award

"Goodacre is extremely passionate about the course material. His enthusiasm is evident during each and every class lecture."

Student evaluation



Joanne Van Tuyl, SLAVICS & EURASIAN STUDIES

Richard K. Lublin Award

"(She is) a major contributor to developing innovative technologies in the classroom."

Professor Edna Andrews, Slavic and Eurasian Studies



Matthew Whitt, THOMPSON WRITING PROGRAM

Award for Excellence in Teaching Writing

"Effective writing (he reminds students) demands that we clarify our thoughts, evaluate our commitments and genuinely consider opposing views."

Professor Kristen Neuschel, History



Lewis Blake, MATHEMATICS



Lee Willard, TRINITY COLLEGE

Award for Excellence in Advising Combined, Blake and Willard have 64 years of helping guide undergraduates in the students first two years at Duke.



Caroline Bruzelius, ART, ART HISTORY & VISUAL STUDIES

The Dean's Leadership Award

For the Wired! Lab, a project that incorporates research and teaching using digital technology, art history, visual studies and other disciplines to study art, architectural and urban history.



Calvin Howell, PHYSICS

The Dean's Diversity Award

His efforts go beyond higher education, including a lifetime of work "encouraging students from K-12 to enter the STEM fields."

Trinity College Dean Valerie Ashby



Sherryl Broverman, BIOLOGY

Algernon Sydney Sullivan Award

Broverman established a Duke partnership with the WISER project in Kenya, in which Duke students empower underprivileged girls in rural parts of the African nation through improvements in education and health.

Read more about our Winning Faculty Members at:

<http://today.duke.edu/2016/04/trinityteach16>

Graduate **Students** Class of 2015/2016

BY THE NUMBERS

490

Graduating Students

179

Ph.D.s

211

Master of Arts

73

Master of Science

11

Master of Arts in Teaching

16

Master of Fine Arts

DEMOGRAPHICS

51% Men

49% Women

50% Students of Color

Our Offerings

>60

In collaboration with the Graduate School, Arts & Sciences supports more than 60 different graduate degree and certificate programs.

Award-winning **Mentors**

The Graduate School Recognizes Outstanding Arts & Sciences Teachers & Mentors with **2016 DEAN'S AWARDS FOR EXCELLENCE IN MENTORING**

Katherine J. Franz | CHEMISTRY

Quote from nomination "She befriends her students and takes a genuine interest in their lives outside of the lab. She recognizes the importance that personal relationships play in the dynamics of a lab and achieving success."



Sönke Johnsen | BIOLOGY

Quote from nomination "Sönke has somehow mastered the ability to be both professional and also supportive of his students no matter what their needs are. His amazing sense of humor helps us all not to take ourselves too seriously."



James Moody | SOCIOLOGY

Quote from nomination "He is dedicated to helping graduate students transition from being students to colleagues. He excites, challenges, and supports colleagues while retaining a sense of balance. His valediction, 'Peaceful Thoughts' or 'PT,' is emblematic of this approach to mentorship."



Michael C. Reed | MATHEMATICS

Quote from nomination "He takes the mentoring aspect of his job very seriously and has a long history of looking out for his post-docs and graduate students; in particular, he is extremely supportive of women in mathematics (he is actually a member of the Association for Women in Mathematics)."



Arts & Humanities

<http://trinity.duke.edu/arts-humanities>

207

Faculty Members

50% Men

50% Women

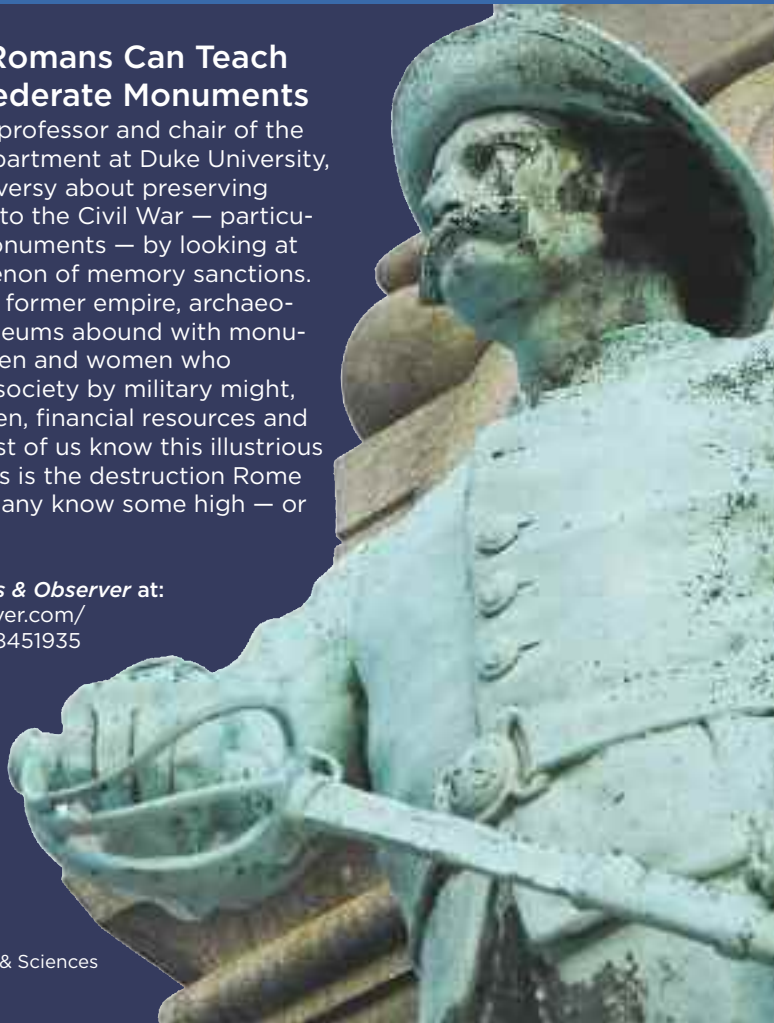
26% Minority Faculty

Research Highlight

What Ancient Romans Can Teach Us About Confederate Monuments

Mary T. Boatwright, professor and chair of the Classical Studies Department at Duke University, examines the controversy about preserving monuments relating to the Civil War — particularly Confederate monuments — by looking at the Roman phenomenon of memory sanctions. “Throughout Rome’s former empire, archaeological sites and museums abound with monuments celebrating men and women who contributed to their society by military might, administrative acumen, financial resources and sheer hard work. Most of us know this illustrious history... Less obvious is the destruction Rome endured, although many know some high — or low — points.”

Read more in *The News & Observer* at: <http://www.newsobserver.com/opinion/op-ed/article28451935.html>



Chow Elected to American Academy of Arts & Sciences

The American Academy of Arts & Sciences, one of the nation’s most prestigious honorary societies, elected **Rey Chow**—the Anne Firor Scott Professor of Literature and director of the Program in Literature—to its ranks. Chow’s research comprises theoretical, interdisciplinary and textual analyses. Her research focuses on issues of modernity, sexuality and ethnicity in literature and film, particularly in East Asia, Western Europe and North America. Her book, “*Primitive Passions: Visuality, Sexuality, Ethnography, and Contemporary Chinese Cinema*” earned the James Russell Lowell Prize by the Modern Language Association.



Moi Elected to British Academy

Toril Moi, the James B. Duke Professor Literature, is one of 66 scholars elected to the British Academy. The academy is the United Kingdom’s national body for the humanities and social sciences, dedicated to the study of people, culture and societies. Only 20 international scholars were elected as Corresponding Fellows in 2016. Moi’s research encompasses feminist theory and women’s writing, and the intersection of literature, philosophy and aesthetics.



Jaji Wins First Book Award

Associate Professor of English **Tsitsi Jaji** won the African Literature Association’s First Book Award for her work “*African in Stereo: Modernism, Music, and Pan-African Solidarity*.” In the book, Jaji analyzes how Africans have engaged with African American music as cultural prestige, for pleasure and for its creative resistance to racial hegemony.



Ruderman Receives D.H. Lawrence Lifetime Achievement Award

Visiting Professor of English **Judith Ruderman** received the 2017 Harry T. Moore Award for Lifetime Achievement in D.H. Lawrence Studies, given by the D.H. Lawrence Society of North America. The award recognizes her important contributions to Lawrence studies, especially books on Lawrence’s works on race and identity.

Natural Sciences

<http://trinity.duke.edu/natural-sciences>

216

Faculty Members

73% Men

27% Women

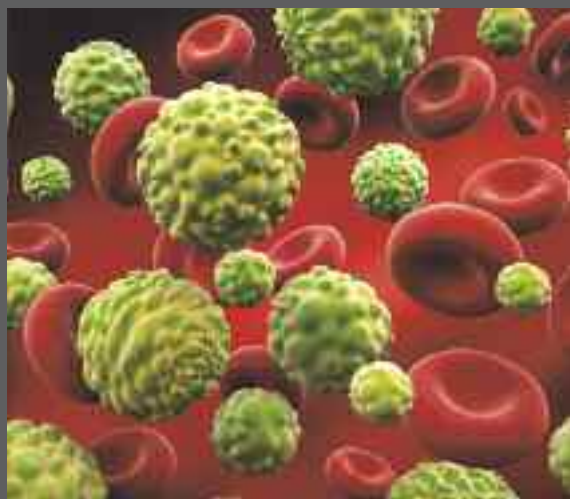
21% Minority Faculty

Research Highlight

Mathematical Models Key to Designing Better Cancer Treatment Strategies

Accurate predictions of tumor growth are key to determining the right dose of radiation and chemotherapy, how often patients should undergo screening, and whether a treatment is effective. Duke mathematicians Professor **Richard Durrett** and undergraduate

Anne Talkington are developing ways to help doctors predict how different cancers are likely to progress when actual measurements of tumor growth are difficult to obtain. In their study, the two describe a way to compare common mathematical models of tumor growth, using only two time-point measurement of tumor size, which is often the maximum number of size measurements available before patients begin treatment.



Read more in *Scientific Computing* at:

<http://www.scientificcomputing.com/news/2015/11/mathematical-models-key-designing-better-cancer-treatment-strategies>



Drea Named a Bass Teaching Fellow

Christine Drea, the Earl D. McLean, Jr. Professor of Evolutionary Anthropology, is a highly interdisciplinary researcher with work lying at the intersection of three disciplines: organismal biology, comparative psychology, and evolutionary anthropology. She is also well-known for her excellent teaching and the high standards that she insists that her students meet. Her students praise her classes as being thought-provoking, even though they are considered to be among the most challenging in her department. Besides post-docs and graduate students, nine of her recent papers include undergraduate authors, four with undergraduates as first authors.



Clyde Receives International Bayesian Society Honors

Statistical Science Professor **Merlise Clyde** was awarded the Zellner Medal by the International Society for Bayesian Analysis in recognition of her sustained impact and legacy in ISBA leadership, and in recognition of her career impact in development of Bayesian analysis as a research, educational and professional leader.



Wang and Tung Receive Early Career Recognition

Assistant Professors **Qiu Wang**, Chemistry, and **Jenny Tung**, Evolutionary Anthropology, were awarded Sloan Research Fellowships. The Sloan Research Fellowships seek to stimulate fundamental research by early-career scientists and scholars of outstanding promise. The two-year fellowships are given in recognition of research accomplishments, creativity and the unique potential to make substantial contributions to their field. Wang further received the Camille Dreyfus Teacher-Scholar Award that supports the research and teaching careers of talented young faculty in the chemical sciences.



Social Sciences

<http://trinity.duke.edu/social-sciences>

220

Faculty Members

63% Men

37% Women

19% Minority Faculty

Research Highlight

Children's Films Misrepresent True Socioeconomic Class Struggles



A Duke University study — *Benign Inequality: Frames of Poverty and Social Class Inequality in Children's Movies* — examined 100 G-rated children's movies in which the class of the characters was prevalent. Duke Sociologist **Jessi Streib** noted that the biggest disparity revealed in the study was the representation of primary characters who would be considered poor

by contemporary standards — only 4 percent. In comparison, roughly 25 percent of American children live in poverty. Also, only one of the working-class characters, which made up about 16 percent of primary characters, was vocally worried about money.

Read more in *The Hollywood Reporter* at:

<http://hollywoodreporter.com/news/disney-pixar-misrepresent-class-struggle-874781>



Two Social Science Professors Named Bass Teaching Fellows

James W. Roberts, the Fred W. Shaffer Professor of Economics, is gaining respect in the field of industrial organization. His early granting of tenure was based on the fact that his publication record and research pipelines exceeded those of anyone in his immediate cohort for his field. Known for bringing research alive for his students in the classroom, and in his advising and mentoring with a mix of lecture and discussion-based teaching methods, Roberts' courses are connected to and informed by recent research.



Erik Wibbels, the Robert O. Keohane Professor of Political Science, studies comparative politics, with a specialty in comparative and international political economy. His research focuses on development, redistribution and political geography and has been published by Cambridge University Press, *World Politics*, *International Organization*, *American Journal of Political Science*, *American Political Science Review* and other journals.



Knight Elected to American Academy of Arts & Sciences

Jack Knight, the Frederic Cleaveland Professor of Law and Political Science, was elected into the American Academy of Arts & Sciences. Knight is a political scientist and legal theorist whose scholarly work focuses on modern social and political theory, law and legal theory, and political economy. In addition to studying the motivations and decisions of judges, Knight has examined the effects of extensive prior judicial experience as a prerequisite for service on the U.S. Supreme Court, as well as various aspects of how courts make decisions.



Sloan Receives Lifetime Contribution Award

Frank Sloan, the J. Alexander McMahon Professor of Health Policy and Management, Economics, is the 2016 recipient of the American Society of Health Economists Victor R. Fuchs Award for Lifetime Contributions to the Field of Health Economics.

Departments and Programs

African and African American Studies
<http://aaas.duke.edu>

Art, Art History and Visual Studies
<http://aahvs.duke.edu/>

Asian and Middle Eastern Studies
<http://asianmideast.duke.edu/>

Biology
<http://biology.duke.edu>

Chemistry
<http://chem.duke.edu>

Classical Studies
<http://classicalstudies.duke.edu/>

Computer Science
<http://www.cs.duke.edu/>

Cultural Anthropology
<http://culturalanthropology.duke.edu/>

Dance
<http://danceprogram.duke.edu/>

Economics
<http://econ.duke.edu/>

Education
<http://educationprogram.duke.edu/>

English
<http://english.duke.edu/>

Evolutionary Anthropology
<http://evolutionaryanthropology.duke.edu/>

Gender, Sexuality, and Feminist Studies
<http://gendersexualityfeminist.duke.edu>

Germanic Language and Literature
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International Comparative Studies
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Linguistics
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Music
<http://music.duke.edu/>

Philosophy
<http://philosophy.duke.edu/>

Physics
<http://www.phy.duke.edu/>

Political Science
<http://polisci.duke.edu/>

Psychology and Neuroscience
<http://psychandneuro.duke.edu/>

Health, Wellness & Physical Education
<http://recreation.duke.edu/academic-classes/>

Religious Studies
<http://religiousstudies.duke.edu/>

Romance Studies
<http://romancestudies.duke.edu/>

Slavic and Eurasian Studies
<http://slaviceurasian.duke.edu/>

Sociology
<http://sociology.duke.edu/>

Statistical Science
<http://stat.duke.edu>

Theater Studies
<http://theaterstudies.duke.edu/>

Academic Programs

Academic Advising Center
<http://advising.duke.edu/>

Academic Resource Center
<http://arc.duke.edu>

Center for Documentary Studies
<http://documentarystudies.duke.edu/>

Continuing Studies
<http://learnmore.duke.edu/>

Focus Program
<http://focus.duke.edu/>

Office of Assessment
<http://assessment.trinity.duke.edu>

Service Learning Program
<http://servicelearning.duke.edu/>

Summer Session
<http://summersession.duke.edu/>

Thompson Writing Program
<http://twp.duke.edu/>

Undergraduate Research Support Office
<http://undergraduateresearch.duke.edu/>

ROTC Commissioning Programs

Air Force <http://afrotc.duke.edu/> **Army** <http://arotc.duke.edu/> **Navy** <http://nrotc.duke.edu/>

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Undergraduate Admissions
<http://admissions.duke.edu/>

Graduate Admissions
<http://gradschool.duke.edu/admissions/>

Continuing Studies
<http://www.learnmore.duke.edu>