



LSA

STATISTICS

UNIVERSITY OF MICHIGAN

*Undergraduate
Commencement
Celebration*

Class of 2020



CONGRATULATIONS GRADUATES!

Contents	Page
Director of Undergraduate Programs Remarks.....	3
Invited Student Contributions	4-6
Honors & Awards	7
Major in Data Science Students.....	8-9
Major in Statistics Students	10-11
Major in Life Science Informatics Students.....	11
Minor in Applied Statistics Students.....	12
Minor in Statistics Students	13
Department of Statistics Faculty	14
Department of Statistics Lecturers & Staff	15

The Department of Statistics is excited to congratulate our graduating students on the successful completion of their programs!

We wish you all the best in your future endeavors and hope you will keep in touch!



Professor Ed Ionides

Director of Undergraduate Programs in Statistics

Graduation from the University of Michigan is a major accomplishment. I am writing to celebrate those who have graduated from the three major programs run by the Statistics Department (Data Science, Life Science Informatics, Statistics) as well as two minor programs (Minor in Applied Statistics, Minor in Statistics). These are rigorous programs, each of which combines a different

blend of statistical theory, statistical methodology, data analysis, mathematics, computer science, and applications of statistics across the sciences, social sciences and engineering. You will all move on to your future goals well equipped with statistical skills and a broader education within the College of Literature, Science and the Arts.

The current COVID-19 pandemic has added uncertainties to the world. As society readjusts itself to the new realities, your skills collecting and interpreting data will be needed more than ever. Over the coming years, you will find yourselves in positions of responsibility and leadership. I hope that your analytic and inquisitive minds will be put to good use.

This is also a time to thank those who make our academic programs possible. The faculty, lecturers and staff in the Statistics Department are always a dedicated team, and this semester they have demonstrated it via an impressively seamless transition to running courses online. We also recognize the critical roles of parents, mentors and colleagues: nobody makes it to graduation without years of love and support. Finally, we thank our graduates for choosing to study with us.

Go Blue!



Dan Ciotlos

B.S. Statistics

Four years ago, I was told my plan was crazy, if not impossible. By desiring to double major in both biology and statistics, I was commencing on a journey that to most people seemed unattainable. My curiosity in the biological sciences has always been profound. Taking an introductory class in statistics, though, opened my eyes to a world where chaos is transformed into logic. Enrolling in advanced courses

designed to build foundations in statistics, I discovered my aptitude for analyzing data and testing hypotheses. What at first glance seems to be random data is not – it's a puzzle waiting to be solved.

Over time I learned that my interests align with the field of statistical genetics. I envision a future where the way medicine is prescribed and illnesses are screened for will frequently change as genetic markers for diseases are discovered. I wholeheartedly believe that investing my time in and contributing to genomic research through statistics is the future of modern medicine. DNA contains a vast array of information, and I seek to be one of the people that untangles the mystery that is the human genome. For that reason, I will continue to attend the University of Michigan to pursue a PhD in Biostatistics that will allow me to be one of the leaders and best in my chosen field.

The beauty of statistics is its universal application to all areas of research and I hope that every graduate finds a way to apply statistics to a field they are extremely passionate about. Statistics is the tool with which we can foster innovation and solve the most pressing problems currently affecting the world today. Following the wise words of my friend and fellow graduate Anna Billiard, I hope everyone finds a way to use statistics for public good.

Grace Li

B.S. Data Science & Statistics

Just like that seemingly endless 'for' loop we implemented for bootstrapping, I thought my undergraduate years would pass slowly, but evidently not, as I am now nearing the end of my undergraduate journey. It is a weird feeling, graduating without a commencement, without friends, without any human interaction. Yet, it is during times like this we take time to reflect and grow.



I was recently talking to my friends about their experience at U-M and their thoughts on graduating. Throughout these years, we have all matured so much as statisticians and as young adults, from not even knowing what a maximum likelihood estimator was, to being able to draw conclusions from complex datasets and answering real world questions. We have been exposed to all the tools and techniques that will allow us to continue blooming along this path. Not only that, but we have also been granted the opportunity to interact with the true leaders and best, our faculty and GSIs leading the field of statistics. With that, on behalf of the class of 2020, I would like to thank all our faculty and GSIs for empowering us to learn and grow so much. In addition, I would like to thank my friends and family for making these past three years so memorable and fun. And finally, I would like to thank Gina, I don't think we could have ever asked for a better advisor.

Although this chapter is coming to a close, a new one awaits us. We have all made it through an immensely hard semester and I think we are all ready to take on the new challenges coming our way. I wish everyone in the class of 2020, otherwise known as the class of COVID-19, the best of luck in their future endeavors! Stay safe and stay healthy!



Elishua Shumpert

B.S. Statistics

In my time during my undergraduate studies at University of Michigan, I have not only gained knowledge in statistics and data science, but I have learned a lot of important life lessons as well. As someone who has grown as an individual in college over the past 5 years, one takeaway that I want all my fellow graduates to know is that nothing is ever certain, guaranteed, or is a straight path. You may have a clear path mapped out

for yourself, however, things won't always turn out how you want them to.

As a freshman coming into college in 2015, I had my mind set in what I wanted to do and how I was going to accomplish it. Starting in college, I enjoyed learning and studying mathematics and my academic advisor recommended that I study actuarial science and become an actuary since I loved math so much. So, that would end up becoming the dream I wanted to achieve. I did well and achieved A grades in math up to Calc II, and once I got into higher level math classes I was just nearly passing. After failing my first actuarial exam, I gave up my dream of becoming an actuary and realized that it wasn't something I was passionate about.

Still wanting to do something math-related, I chose to switch my major to statistics, and it was such a successful turn-around for me. I became interested and passionate about everything I was learning from theoretical statistics to data mining and machine learning. Perhaps the best moments in undergrad were tackling the challenges of working with data with the very best professors and GSIs in the Department of Statistics as leaders in the industry. I hope to one day to become a data scientist and in the near future and get a deeper understanding in analyzing big data. The moral of this story is that you may come in thinking you're going to do one thing, but you'll end up doing something way different. My message to all fellow graduates is to continue to work hard for your ambitions and make sure you are passionate about what you want to do in life!

OUTSTANDING UNDERGRADUATE MAJOR

Anna Billiard, *Data Science*

Dan Ciotlos, *Statistics, Biology*

Jingyi Jia, *Statistics*

Grace Li, *Data Science, Statistics*

Yicheng Ren, *Data Science, Statistics, Mathematics*

Elishua Shumpert, *Statistics*

Chenkai Sun, *Statistics, Computer Science*



HONORS

Jack Finkel

Jingyi Jia

Shijia Li

Ziyang Shao

Chenkai Sun

Xiaojun Wang

Xuekang Wu

MAJOR IN DATA SCIENCE

Imtiaz Adnan	Sheng Liu
Zachary Apell	Shuyi Luo
Rachel Balon	Nakoul Makim
Anna Billiard	Saad Mallick
Diyara Bissembayeva	Sindhu Manchiraju
Justin Blackman	Vincent Meller
Yanhuan Chen	Evan Miller-Galow
John Dolan	Xinhui Mo
Tyler Eastman	Qi Ni
Kexin Feng	Jin Fu Ooi
Samuel Fennelly	Ran Pan
Nicholas Finelli	Raymond Pang
Jack Finkel	Sashankh Parthasarathy
Christopher French	Aakash Patel
Harrison Grias	Mihir Patil
Humza Hemani	Katherine Phillips
Jean Hue	Zhiqing Rao
Grant Huizenga	Benjamin Rappoport
Eshan Jain	Yicheng Ren
Cooper James	Michael Resnick
Natalia Jenuwine	Seth Saperstein
Shirley Jiang	Hunter Satterthwaite
Dian Jing	Noah Segal
Eric Johnson	Kai Xuan Shau
Hyun Jung Koo	Matthew Shen
Grace Li	Premnath Shenoy
Hanan Li	Jeremiah St Clair
Qiran Li	Adam Stasinski
Shijia Li	Adam Stebbins
Siyuan Li	Raymond Sukanto
Chin Hau Lim	Ryan Sullivan

MAJOR IN DATA SCIENCE (CONT.)

Michael Sweetland
Erina Tamada-Wu
Arya Tayebi
Wesley Tian
Di Wang
Luocen Wang
Ruicheng Wang
Xiaojun Wang
Jen Sheng Wong
Shunhao Wu
Xuekang Wu
Kun Yan
Connor Young
Han Zhang
Chenghao Zhang
Ruowang Zhang
Jason Zhao
Carolyn Zhou
Yimeng Zhuang



MAJOR IN STATISTICS

Emily Africk	Jing Li
Austin Ash	Siyuan Li
Alexander Balte	Vladislav Li
Jacob Becker	Yuecheng Li
Mark Boeve	Zhenqing Li
Saul Bravo	Junde Liao
Matthew Buice	Lee-Yang Lin
Cameron Cain	Qiwei Lin
Julie Carey	Parker Marcon
Beiqi Chen	Michael Mcmain
Yimin Chen	Paul Merica, Jr.
Dan Ciotlos	David Messer
Madeleine Conrad	Sally Metiva
Ryan Duncan	Xinhui Mo
Kyle Fitzpatrick	Jin Fu Ooi
Christopher French	Deric Pan
Catherine Gong	Aashna Patel
Qihao Hu	Yicheng Ren
Xufeng Hua	Blade Robelly
Yujia Huo	Tessa Senders
Eshan Jain	Pooja Shah
Jingyi Jia	Ziyang Shao
Dian Jing	Kai Xuan Shau
Ammar Khan	Premnath Shenoy
Woo Hyun Kim	Elishua Shumpert
Yeji Ko	Joshua Sinamo
Allison Kothari	Harnoor Singh
Kyle Kue	Tong Su
Daniel Lazarus	Chenkai Sun
Jae-Woo Lee	Michael Tarn
Rivkah Levine	Arya Tayebi
Grace Li	Austin Thompson

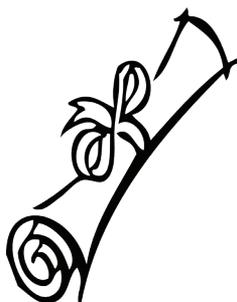
MAJOR IN STATISTICS (CONT.)

Daniel Thompson
Benjamin Walmsley
Anqi Wang
Di Wang
Hanze Wang
Daija White

Chuxin Wu
Wenya Wu
Arthur Yang
Emily Yoon
Kaiying Zhang
Dario Zullo

MAJOR IN LIFE SCIENCE INFORMATICS

Sabine Dritz
Abrar Habib
Jade Harrison
Carson Johnson
Nicole Kim
Sarah Kleppe
Holley Ong
Angela Priola
Noor Sohail
Kaiyuan Tang
Dana Zhu



MINOR IN APPLIED STATISTICS

Meenakshi Anilkumar
Nikita Badhwar
Andrew Brown
Ying Cao
Yuxin Chen
Jeremy Cohn
Kyle Coletta
Bridgid Cummings
Zaven Dadian
Kendall Dyke
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Zachary Friedman
Jack Goldman
Samantha Goldstein
Andrew Guise
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Stuart Hannah
Nicholas Hornburg
Yu Ting Hsu
Courtney Hunter
Arihant Jain
Aaron Kang
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Anurima Kumar

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Mohammed Saqib
Hershal Satam
Kunal Singh
Mitchell Stathakis
Axel Steinmetz
Erin Tolar
Nolan Tomkovicz
Noah Tutt
Pratik Vaidya
Zeyao Wang
Isabelle Yono
Fangwei Zhao
Eric Zhu
Xueyi Zhu

MINOR IN STATISTICS

Laboni Bayen
Jonathan Benison
David Bonhard
Alexander Brace
Andrew Budziak
Jonathan Calso
Peter Chen
Cyril Cordor
Benjamin Curtis
Zachary Durgan
Zhaoying He
Jessica Hellner
Evan Hoffman
Bowen Hu
Connor Jackett
Rohan Janakiraman
Andy Jiang
Junchen Jin
Benjamin Johnson
Yeonwoo Kim

Kevin Lam
Edrea Lee Yian Huay
Hui Xuan Lim
Andrea Lin
Michael Lin
Yunzhi Ni
Yuzhou Ouyang
Preet Patel
Jimil Patel
Philip Rabideau
Keshav Ramesh
Jacob Rothschild
Christine Schultz
Matthew Song
Nicholas Susemiehl
Nicholas Sweet
Kaitlyn Todd
Nan Wang
Max Wei
Lingcong Xu

DEPARTMENT OF STATISTICS FACULTY

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Tailen Hsing, *Michael Woodroffe Collegiate Professor*

Edward Ionides, *Professor*

Robert Keener, *Professor*

Liza Levina, *Vijay Nair Collegiate Professor*

Walter Mebane, *Professor*

Long Nguyen, *Associate Professor*

Snigdha Panigrahi, *Assistant Professor*

Jeffrey Regier, *Assistant Professor*

Ya'acov Ritov, *Professor*

Kerby Shedden, *Professor*

Stilian Stoev, *Professor*

Yuekai Sun, *Assistant Professor*

Kean Ming Tan, *Assistant Professor*

Jonathan Terhorst, *Assistant Professor*

Ambuj Tewari, *Associate Professor*

Naisyin Wang, *Professor*

Gongjun Xu, *Assistant Professor*

Ji Zhu, *Professor*

Ziwei Zhu, *Assistant Professor*

LECTURERS

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Mark Fredrickson
Paul Green
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Keith Levin
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DID YOU KNOW?

The Department of Statistics is on social media! Follow us on Facebook, Twitter, and Instagram to stay up-to-date on the latest from the department.



Regents of the University of Michigan

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Katherine E. White, *Ann Arbor*

Mark S. Schlissel (ex officio)



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