HRUMC – Saturday, April 10: Register Now!

The 27th Hudson River Undergraduate Mathematics Conference (HRUMC) will be **Saturday, April 10th**, via Zoom, hosted and organized by **Keene State University**.

The HRUMC is a one-day mathematics conference held annually each spring, attended by students and faculty from colleges and universities throughout New York and New England. It was founded by four colleges, Siena, Skidmore, **Union**, and Williams, with the goal of providing undergraduates with the experience of attending and/or presenting at a professional mathematics meeting, and was designed primarily with the student in mind. It is the premier regional undergraduate mathematics conference after which several others have been subsequently modeled nationwide.

Students who have attended HRUMC generally rave about the experience, saying how great it was to support the Union speakers, to meet students from other colleges (though this year, this will be more challenging), and to hear about some exciting math that students and faculty at other schools are doing. It is also a great way for junior math majors to start thinking about their own math theses.

The conference features short, 15-minute talks *primarily by students* and faculty, as well as a longer invited address by a noted mathematician.

- If you are interested in **presenting a talk** (based on summer research, a thesis, a project or problem you enjoyed, etc.) contact a math faculty member to sponsor it. You will then need to submit an abstract by **Friday, March 26th** via the conference website, [HRUMC](#), linkable from the Union Math Department website -> Activities -> HRUMC -> Abstract Submission.

- **I**f you are interested in **attending the conference but not presenting a talk**, email the conference organizer, **Professor Vincent Ferlini,** vferlini@keene.edu. The deadline for notification is **Friday, April 2nd.**

This year's keynote speaker will be **Lorin Crawford** of **Brown University** and **Microsoft Research.** Crawford, who received his PhD from the Department of Statistical Science at Duke and his BS from Clark Atlanta University, describes himself and his work on his website as follows: *I am a Senior Researcher at Microsoft Research New England. I also maintain a faculty position in the School of Public Health as the RGSS Assistant Professor of Biostatistics with an affiliation in the Center for Computational Molecular Biology at Brown University. The central aim of my research program is to build machine learning algorithms and statistical tools that aid in the understanding of how nonlinear interactions between genetic features affect the architecture of complex traits and contribute to disease etiology. An overarching theme of the research done in the Crawford Lab group is to take modern computational approaches and develop theory that*

Lorin Crawford, this year's HRUMC keynote speaker

enable their interpretations to be related back to classical genomic principles. Some of my most recent work has landed me a place on Forbes 30 Under 30 list and recognition as a member of The Root 100 Most Influential African Americans in 2019. I have also been fortunate enough to be awarded an Alfred P. Sloan Research Fellowship and a David & Lucile Packard Foundation Fellowship for Science and Engineering.

If you would like to know more about HRUMC, ask **Professor Paul Friedman** (friedmap@union.edu).

Calculus Help Center Winter Closing Date: Tuesday, March 16

As the winter term is winding down, the Math Department and students taking calculus courses would like to extend a big **THANK YOU** to the **Calculus Help Center tutors: Christos Kakogiannis, Aidan McAuliffe, Celine Nguyen, Edwina Rasmussen, Arun Sitsabeshon,** and **Tina Tully.** Your efforts are truly appreciated!

Winter 2021 Math Final Exam Schedule

Course #	Course Name	Professor	Room	Day	Date	Time
MTH*101*01	Calculus with Precalc 2	Gasparovic, E.	SYNC ONLINE	Wed	3/24	6:00-8:00PM
MTH*101*02	Calculus with Precalc 2	Gasparovic, E.	SYNC ONLINE	Wed	3/24	6:00-8:00PM
MTH*101*03	Calculus with Precalc 2	Johnson, B.	SYNC ONLINE	Wed	3/24	8:30-10:30 AM
MTH*110*01	Calculus 1: Differential Calc	Lesh, K.	SYNC ONLINE	Tue	3/23	2:30-4:30 PM
MTH*110*02	Calculus 1: Differential Calc	Lesh, K.	SYNC ONLINE	Tue	3/23	2:30-4:30 PM
MTH*112*01	Calculus 2: Integral Calc	Friedman, P.	OLIN 115	Mon	3/22	11:30-1:30 PM
MTH*112*02	Calculus 2: Integral Calc	Friedman, P.	OLIN 115	Mon	3/22	11:30-1:30 PM
MTH*112*03	Calculus 2: Integral Calc	Hatley, J	SYNC ONLINE	Tue	3/23	8:30-10:30 AM
MTH*113*01	Acc Single-Variable Calculus	Malen, G.	RCC AUD	Wed	3/24	8:30-10:30 AM
MTH*115*01	Calculus 3: Diff Vector Calc	Catalano, L.	SYNC ONLINE	Tue	3/23	2:30-4:30 PM
MTH*115*02	Calculus 3: Diff Vector Calc	Jauregui, J.	SYNC ONLINE	Mon	3/22	11:30-1:30 PM
MTH*115*03	Calculus 3: Diff Vector Calc	Jauregui, J.	SYNC ONLINE	Mon	3/22	11:30-1:30 PM
MTH*117*01	Calculus 4: Integral Vector	Wang, J.	SYNC ONLINE	Tue	3/23	2:30-4:30 PM
MTH*128*01	Probability	Malen, G.	VART 204	Mon	3/22	2:30-4:30 PM
MTH*130*01	Ordinary Differential Equation	Mariano, P.	GRAN 117	Mon	3/22	8:30-10:30 AM
MTH*130*02	Ordinary Differential Equation	Mariano, P.	OLIN 306	Wed	3/24	8:30-10:30 AM
MTH*199*01	Intro to Logic & Set Theory	Johnson, B.	SYNC ONLINE	Mon	3/22	8:30-10:30 AM
MTH*199*02	Intro to Logic & Set Theory	Khatami, L.	SYNC ONLINE	Tue	3/23	8:30-10:30 AM
MTH*234*01	Differential Equations	Wang, J.	SYNC ONLINE	Tue	3/23	8:30-10:30 AM
MTH*235*01	Number Theory	Hatley, J	SYNC ONLINE	Mon	3/22	8:30-10:30 AM
MTH*340*01	Linear Algebra	Catalano, L.	SYNC ONLINE	Mon	3/22	8:30-10:30 AM
IMP*120*01	Int Math/Physics 1 W/Lab	Tønnesen-Friedman, C.	ISEC 118	Wed	3/24	8:30-11:30 AM
STA*104*01	Introduction to Statistics	Hoerl, R.	KARP 105	Wed	3/24	8:30-10:30 AM
STA*264*01	Regression Analysis	Hoerl, R.	KARP 105	Wed	3/24	2:30-4:30 PM