



NATIONAL MUSEUM OF MATHEMATICS

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National Museum of Mathematics (MoMath) Appoints Dr. Tim Chartier, Joseph R. Morton Professor of Mathematics and Computer Science at Davidson College, as the Fifth Annual Distinguished Visiting Professor for the Public Dissemination of Mathematics in 2022; and Dr. Ingrid Daubechies, Professor of Mathematics at Duke University as the Sixth Distinguished Visiting Professor for the Public Dissemination of Mathematics in 2023

New York, NY—The [National Museum of Mathematics](#) (MoMath) announced the appointment of Davidson College’s Dr. Tim Chartier, Joseph R. Morton Professor of Mathematics and Computer Science, as the fifth annual MoMath’s Distinguished Visiting Professor for the Public Dissemination of Mathematics, beginning in September 2022. Dr. Chartier will be followed in 2023 by Dr. Ingrid Daubechies, Professor of Mathematics at Duke University, as the sixth Distinguished Professor for the National Museum of Mathematics.

During his one-year appointment beginning in August 2022, through talks and programming, Dr. Chartier will illuminate how New York City is a hub for data analytics. From professional sports organizations that have their headquarters in New York City, to cutting-edge analytics on Wall Street, Dr. Chartier aims to connect young mathematicians to current data analysts, allowing research groups and events to form on the topic, enabling MoMath to continue to serve as its own hub for such work and networking.

Dr. Chartier will lead a series of programs that strive to bring the fun and beauty of math to people of all ages and backgrounds. From professional sports organizations that have their headquarters in New York City to cutting-edge analytics on Wall Street, Dr. Chartier aims to connect young mathematicians to current data analysts, facilitating research groups and creating events on the topic, also enabling MoMath to continue to serve as its own hub for such work and networking.

“We’re honored to announce two fabulous appointments to the Museum,” said Cindy Lawrence, MoMath’s CEO and Executive Director. “First, this fall Dr. Tim Chartier will join MoMath as our fifth Distinguished Visiting Professor for the Public Dissemination of Mathematics. Tim has been involved in Museum programs for many years. His passion for bringing math to life is contagious and adults and kids marvel at his unique way of blending math into everyday life. And in Fall 2023 following Dr. Chartier’s tenure, Dr. Ingrid Daubechies, currently at Duke University, will assume the role of Distinguished Professor.”

Dr. Daubechies currently is the James B. Duke Professor at Duke University in the Department of Mathematics and Department of Electrical and Computer Engineering. A Member of the American Academy of Arts and Sciences, Dr. Daubechies research interests include Time-Frequency Analysis and applications to mathematics, to the other sciences, to engineering, and to art history. Prior to joining Duke, Dr. Daubechies was on the faculty at Princeton University.

MoMath’s Distinguished Visiting Professor for the Public Dissemination of Mathematics is an annual program supported by the Simons Foundation.

“Tim Chartier’s and Ingrid Daubechies’ passion and enthusiasm for math and its role in everyday life make them wonderful public ambassadors for MoMath over the next two years,” said Marilyn and James Simons in a joint statement. “MoMath’s footprint continues to grow both nationally and internationally with program participants from all US States and Territories and more than 120 countries. We cannot wait to see the positive impact Tim and Ingrid will bring to MoMath in the city, region, nationwide, and around the world.”

Dr. Chartier currently teaches as an applied mathematician at Davidson College, where he has served on the faculty since 2003. He received his B.S. in Applied Mathematics and an M.S. in Computational Mathematics from Western Michigan University. He received his Ph.D. in Applied Mathematics from the University of Colorado Boulder. He is the recipient of a national teaching award from the Mathematical Association of America, and the recipient of the 2021 Distinguished Teaching Award from the Southeastern Section of the Mathematical Association of America. In addition to teaching at the college level, Dr. Chartier has worked with Google and Pixar on K-12 educational initiatives.

Dr. Chartier’s specialty in data analytics and sports analytics has allowed him to work with teams in the NBA, NFL, NASCAR, and the United States Olympic and Paralympic

Committee. He has created a team of as many as 100 student researchers to provide analytics to Davidson College sports teams. The group became so popular that it is now a student-led club at the College.

“MoMath is like a Willy Wonka-land of mathematical treats,” said Dr. Chartier. “Sports analytics is such a place of quantitative delight. If you love math, you have a place. If you love sports, you have a place. MoMath is a perfect place for such an inviting subject to be explored by young and experienced mathematicians. I am honored to be named MoMath’s Distinguished Visiting Professor for 2022 and I look forward to sharing my passion for this subject with others during my tenure.”

Dr. Chartier is the author of three books: *Math Bytes: Google Bombs, Chocolate-Covered Pi, and other Cool Bits in Computing*, which received the Euler Book Prize from the Mathematical Association of America; *When Life is Linear: From Computer Graphics to Bracketology*, which won the Beckenbach Book Prize as a distinguished, innovative book; and *X Games in Mathematics: Sports Training that Counts*. Additionally, he co-authored *Numerical Methods: Design, Analysis, and Computer Implementation of Algorithms* with Ann Greenbaum. Dr. Chartier is the recipient of the Mathematical Association of America’s Daniel Solow Author’s Award, which recognizes an author of undergraduate mathematics teaching materials that have an impact on undergraduate education in mathematics and/or the mathematical sciences.

As a researcher, Dr. Chartier has collaborated with Lawrence Livermore and Los Alamos National Laboratories on the development and analysis of computational methods targeted to increase efficiency and robustness of numerical simulation on their supercomputers, which are among the fastest in the world. His research with and beyond the labs was recognized with an Alfred P. Sloan Research Fellowship.

Dr. Chartier previously served as Chair of the Congress and Vice President of the Mathematical Association of America. He has also served as the first chair of the Advisory Council for MoMath and is currently a member of the Council.

In addition to his mathematical pursuits, Dr. Chartier is also active in the arts, specifically mime. Dr. Chartier and his wife, Tanya, have professional training in mime, including master classes with legendary French actor and mime artist Marcel Marceau. They have performed throughout the United States before sold out audiences in Tokyo, and for teachers in Panama at the request of the government. Their show, “Mime-matics,” aims to teach audiences that math exists beyond numbers and equations by putting a fun spin on concepts such as infinity and tiling. They will be performing “Mime-matics” at MoMath’s “NYC Math Festival” on August 20 in New York City.

Past MoMath Distinguished Visiting Professors include: Cornell University Professor Dr. Steven Strogatz (2021-2022); Rutgers Professor Dr. Alex Kontorovich (2020-2021); Dartmouth Professor and puzzle master, Dr. Peter Winkler (2019-2020); and Fields Medalist and Princeton Professor, Dr. Manjul Bhargava (2018-2019).

About the National Museum of Mathematics

The National Museum of Mathematics (MoMath) is the premier math museum in North America. It is located at 11 East 26th Street on the northside of popular Madison Square Park in Manhattan and is open seven days a week, 10 a.m.- 5 p.m.

Since opening in December 2012, MoMath has welcomed over 1.1 million visitors, including over 250,000 students and 8,400 school groups. When mandated by New York City to close in March 2020 because of the Covid-19 pandemic, MoMath transformed itself into a virtual Museum with an extensive global footprint. Since the public health crisis, MoMath has provided more than 3,200 online programs reaching more than 95,000 participants from all 64 U.S. States and Territories, as well as 120 countries, including Australia, Vietnam, Guatemala, Egypt, Argentina, Indonesia, China, Pakistan, Bhutan, Sweden, Chad, Zambia, and France.

For more information, visit momath.org.

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