

National

DNA DAY APRIL 25

Celebrating Genomics Through Awareness

Join The Jackson Laboratory, Million Women Mentors CT, and DNA Today as we celebrate all things DNA. Our 3 organizations created this DNA Day Tool-Kit to help Connecticut students and teachers learn about the importance of genetics in our everyday lives.

Celebrating DNA Day in Connecticut is as easy as 1 - 2 - 3

Explore the **resources** from our organizations and discover why we love all things DNA

1



Million Women Mentors
Connecticut



2

Use our **Student Worksheet** to help you get the most out of our resources

3

Share what DNA means to you on social media with the hashtag **#CTDNADay**

Students! Learn about genetics jobs and opportunities in our home state.
Teachers! Find classroom resources including lessons and activities.
Everyone! Follow **#CTDNADay** for genetics history, DNA trivia, and more!

The Jackson Laboratory (JAX) is a non-profit biomedical research institute whose mission is to discover precise genomic solutions for disease and empower the global biomedical community in the shared quest to improve human health.



The Genomic Education division at JAX aims to ignite the passion of future scientists, advance careers, and inform the general public about the unfolding promise of genetics and genomics. From summer research programs to classroom lessons for students and teachers, we advance science and improve health through our commitment to education.

DNA Day is a chance to celebrate genetic diversity and the building block of life that unites us all. The study of the human genome is driving a revolution in biology, and as educators we seek to integrate the new knowledge that is transforming genetics and medicine into classrooms. Our work seeks to highlight to students and teachers the importance genetics in health and medicine, and the myriad of career opportunities in the biomedical workforce.

Educational Resources

1. Immerse yourself in the world of genetics research by visiting our [Virtual Open House](#) experience. Tune in to a live webinar on our YouTube page Tuesday 4/20 11:15 am EST to learn about the genetic test for diagnosing COVID-19.
2. Hear from professionals in real genetics jobs by watching or listening to our [Career Chats](#) series. Don't miss the premier of Season 2, live on our YouTube page Friday 4/23 11:15am EST where we'll talk about diversity, equity, and inclusion in genetics.
3. What's the difference between genetics and genomics? Take a minute to learn something new about DNA by watching our [Minute to Understanding](#) video series.



@jaxlab



"The Jackson Laboratory"



@jacksonlab



Facebook.com/JacksonLaboratory

Learn more about us at jax.org

Celebrate DNA Day Tool Kit #CTDNADay



Million Women Mentors Connecticut (MWM-CT) is a part of a global, national and statewide movement. Our local priorities are to help companies and organizations see the value in mentoring early on, promote STEM activities and engagement in grades Pre-K-12th and increase mentoring among minority women and girls.



Million Women Mentors
Connecticut

The mission of the MWM network is to encourage girls and women to pursue, persist, and thrive in STEM careers. The local chapter of MWM is leading the way in the state of Connecticut to support the on-going interest of girls and women in STEM. We are proud to have the Lt. Governor Susan Bysiewicz as our Honorary Chair supporting this movement.

DNA Day is important to MWM-CT as we strive to engage young girls in the field of science. DNA, genetics and the human genome are fascinating because we all want to know how we are made and what contributes to our genetic makeup. There are so many accomplished women scientists in the state of Connecticut and it's important for MWM-CT to engage them in mentoring and sharing their love for science with young girls who may be interested in pursuing this field of study.

Our Resources

1. Learn more about MWM-CT by watching our video: [Million Women Mentors CT Video](#)
2. Meet Kira Dineen, founder of the *DNA Today* podcast, as she shares her journey of starting a podcast in high school because of her interest in genetics: [Kira's Story the Founder of DNA Today](#)
3. Change the Equation: Science Education and What Students Want, [Students In STEM Infographic](#)



Facebook.com/MWMentorsCT

Learn more about us at [mwm.stemconnector.com/
states-initiative/connecticut/](https://mwm.stemconnector.com/states-initiative/connecticut/)

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DNA Today is a genetics podcast and radio show featuring 30-minute interviews with experts exploring topics like genetic counseling, testing, conditions, technology, and careers.



The show started in 2012 as a high school project by Kira Dineen and in 2020 became an award-winning podcast with the Best Science and Medicine People’s Choice Podcast Award.

DNA Today now ranks in the top 2% of podcasts globally.

In the last 9 years, over 145 episodes have been produced featuring genetic experts like genetic counselors, researchers, biotech CEOs, patient advocates and more.

Podcast Episode Recommendations

1. [Episode #119](#) – Hear from a genetic counselor who works with people experiencing infertility, one of the many specialties in genetic counseling.
2. [Episode #142](#) – Learn about careers in genomic data analytics, where scientists decode the human genome to understand health conditions.
3. [Episode #87](#) – Advice from four current genetic counseling students on how to gain experience for genetic counseling graduate applications.



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“DNA Today”



@DNApodcast



Learn more about us at DNApodcast.com

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Connecticut DNA Day Student Worksheet



April 25 is DNA Day, a day to celebrate all things genetics. The Jackson Laboratory, Million Women Mentors CT, and DNA Today are teaming up to help you discover why DNA is so important in our lives. As you explore the resources in our DNA Day Tool-kit, use this worksheet to record your thoughts and experiences.

Don't forget to follow #CTDNADay to share what DNA means to you, find additional resources, learn DNA trivia, and more!

Student name:

Name of resource:

Podcast

Lesson

Video

Other

What was it about?

What was most interesting to you?

What do you want to learn more about?

What words were new to you?