

January 2023

SOMnews Research & Discovery



About 1 in 100 Heart Disease Deaths Linked to Extreme Hot and Cold Weather Days

Exposure to extremely hot or cold temperatures increases a heart disease patient's risk of dying, according to a new study recently published in the American Heart Association's journal, *Circulation*.

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UM School of Medicine Scientists Create First Extensive Brain Cell Data Repository

Neuroscience researchers now have access to 50 million brain cells to better understand how the brain develops and functions or changes with disease or trauma. In November, scientists at the University of Maryland School of Medicine's (UMSOM) Institute for Genome Sciences (IGS) unveiled a "one-stop shop" for brain cell data called the Neuroscience Multi-Omic Archive (NeMO Archive).

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Two Renowned UM School of Medicine Surgeon-Scientists Recognized Worldwide for Groundbreaking Work in Transplantation Science

Two UMSOM faculty -- considered the world's foremost experts in the field of cardiac xenotransplantation -- have been recognized both nationally and internationally over the past few months for their ground-breaking transplant of a genetically-modified pig heart into a human patient.

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SOMnews Academic Innovations



Theresa Nguyen, MD Candidate

UMSOM Medical Students Mentor Advanced Learners from Baltimore City Public Schools as Part of Science-Based Learning Program

The Gifted and Advanced Learning Program (GAL), one of several volunteer opportunities offered to medical students, is a partnership between the Gifted and Advanced Learning (GAL) Office of City Schools and UMSOM that provides a science-based mentorship program for identified third-grade advanced learners at select schools throughout the city.



Ozerk Turan, MD Candidate

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Honoring Black Culture

In celebration of Black legacy, student-led groups at UMSOM have planned numerous opportunities throughout the month for students who wish to engage in diverse and cultural activities.

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SOMnews **Clinical Achievement**



Aspirin as Effective as Blood Thinner Injections to Prevent Deadly Complications in Patients Hospitalized with Bone Fractures

Recently published in the *New England Journal of Medicine*, a new clinical trial found that inexpensive over-the-counter aspirin is just as effective as injectable blood thinner in preventing potentially fatal blood clots.

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COVID Vaccines Prevented 3 Million Deaths in the U.S., New Analysis Finds

Based on findings from a new modeling analysis conducted by researchers at the University of Maryland School of Medicine (UMSOM), the first COVID-19 vaccines given to patients in the U.S. had the cumulative effect of preventing 18 million hospitalizations and 3 million deaths.

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UMSOM Mental Health Program Provides Preventative and Interventional Care to Address Social and Emotional Needs of Baltimore City Students

The dramatic increase in the number of incidents involving young children and adolescents experiencing emotional distress, behavioral concerns, and violence has resulted in local leaders, health professionals, and educators advocating for early intervention services and supports in schools across the country.

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University of Maryland Medicine Philanthropy Appoints Heather S. Culp, JD, as new Senior Vice President and Chief Philanthropy Officer

The University of Maryland School of Medicine (UMSOM) and University of Maryland Medical Center (UMMC) have jointly announced that senior advancement leader **Heather S. Culp, JD**, has been named as the new Senior Vice President and Chief Philanthropy Officer for both institutions.

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16th Annual Celebrating Diversity Dinner

Saturday, February 25, 2023

Join us this year at the annual Celebrating Diversity event as we honor and recognize those who have helped increase diversity at the School of Medicine. Proceeds will benefit the Dean Emeritus Donald E. Wilson Endowed Scholarship Fund.

6:30 p.m. Reception
7:30 p.m. Dinner and Program
Renaissance Baltimore Harborplace Hotel
202 East Pratt Street
Baltimore, Maryland 21201

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Help Us Fulfill UMSOM's Promise of Diversity and Inclusion

Will you open the door to the University of Maryland School of Medicine for the best and brightest medical students from underrepresented communities? By securely donating [here](#) to the **Dean Emeritus Donald E. Wilson Endowed Scholarship**, you ensure that future generations of UMSOM graduates reflect the diverse world in which we live.

You also may mail your donation directly to the **UMSOM Office of Development** with a check made out to **UMBF, Inc./Wilson Scholarship** and send to:

University of Maryland School of Medicine
Office of Development
31 S. Greene Street, Third Floor
Baltimore, MD 21201
Attn: Traci Morgan

Thank you for your gift!

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SOMnews What's the Buzz?

Featured Award: Three University of Maryland School of Medicine Faculty Members Honored by Baltimore Business Journal

Three University of Maryland School of



Medicine (UMSOM) physician researchers were recently recognized as Leaders in Health Care and 40 Under 40 Award winners by the Baltimore Business Journal.

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Check Out the January Issue of What's the Buzz?

UMSOM What's the Buzz? is produced by the University of Maryland School of Medicine Office of Public Affairs

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