

December 6, 2022



### Art assignments expand horizons for astronomy students

Michelle Wooten, Ph.D., assistant professor of physics, needed an activity that could both foster connections in astronomy courses while helping students engage with the material. Her solution? Incorporating artistic assignments into her scientific curriculum — a practice becoming more commonplace within science education.



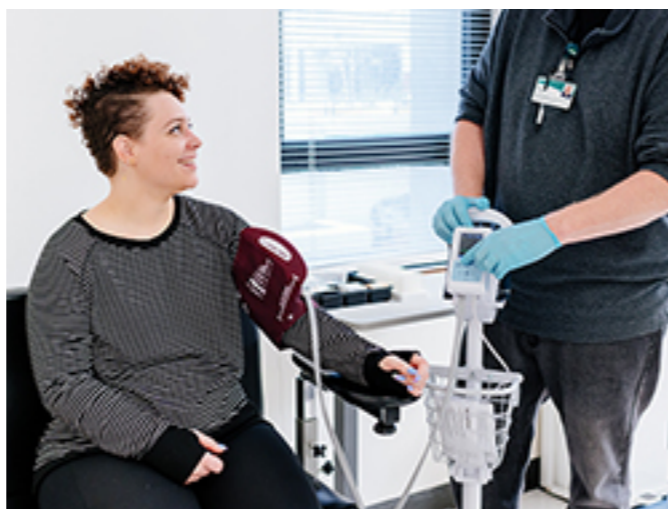
### This radiologist is helping doctors see through the hype to an AI future

The AI Literacy Course that fellow Jordan Perchik, M.D., began in 2020 for UAB trainees now reaches 25 programs in 10 countries — at a time when radiology faces global shortages and a proliferation of artificial intelligence tools.



### James Kirklin launches health-tech startup powered by his research

Five years after he retired from the OR, cardiothoracic surgeon James K. Kirklin, M.D., is starting a company that will leverage his team's research on advanced statistics and machine-learning algorithms to track and predict outcomes for high-risk patients.



### Have you completed your WellScreen? Slots are still open

The annual initiative from UAB Employee Wellness provides a free, 15-minute health screening to all benefit-eligible UAB, UAB Hospital, UAB LLC, UAB Health System/UA Health Services Foundation and Cooper Green employees. Slots are still available Dec. 8, 13 and 14 at Medical Towers and Dec. 14 at Campus Rec; register online.

### More news online

Get campus news at [uab.edu/reporter](http://uab.edu/reporter) and [uab.edu/news](http://uab.edu/news) and COVID-19 updates at [uab.edu/uabunited](http://uab.edu/uabunited). Check the [Campus Calendar](#) for more events on campus, and submit your own. If you have news you want to share, use the [Request Publicity form](#) online.

### Things to know



### Fall commencement ceremonies are Dec. 9-10

Approximately 2,200 students will graduate from UAB this weekend; the graduate ceremony is 6 p.m. Dec. 9, and the undergraduate ceremony is 9:30 a.m. Dec. 10. Find more info [online](#). The mace will be carried by Jacqueline A. Nikles, Ph.D., professor in the Department of Chemistry.

→ Don't forget: 13th Street South between Sixth and University Boulevard will be closed to thru traffic Dec. 9-10 due to commencement ceremonies in Bartow Arena.



### Education dean candidate to present tomorrow

The third candidate for dean of the School of Education will make a public presentation 10 a.m. Dec. 7 at the Alumni House; a BlazerID and password are required to access the recorded presentation [online](#). The fourth candidate will present 10 a.m. Dec. 9 at the Alumni House.

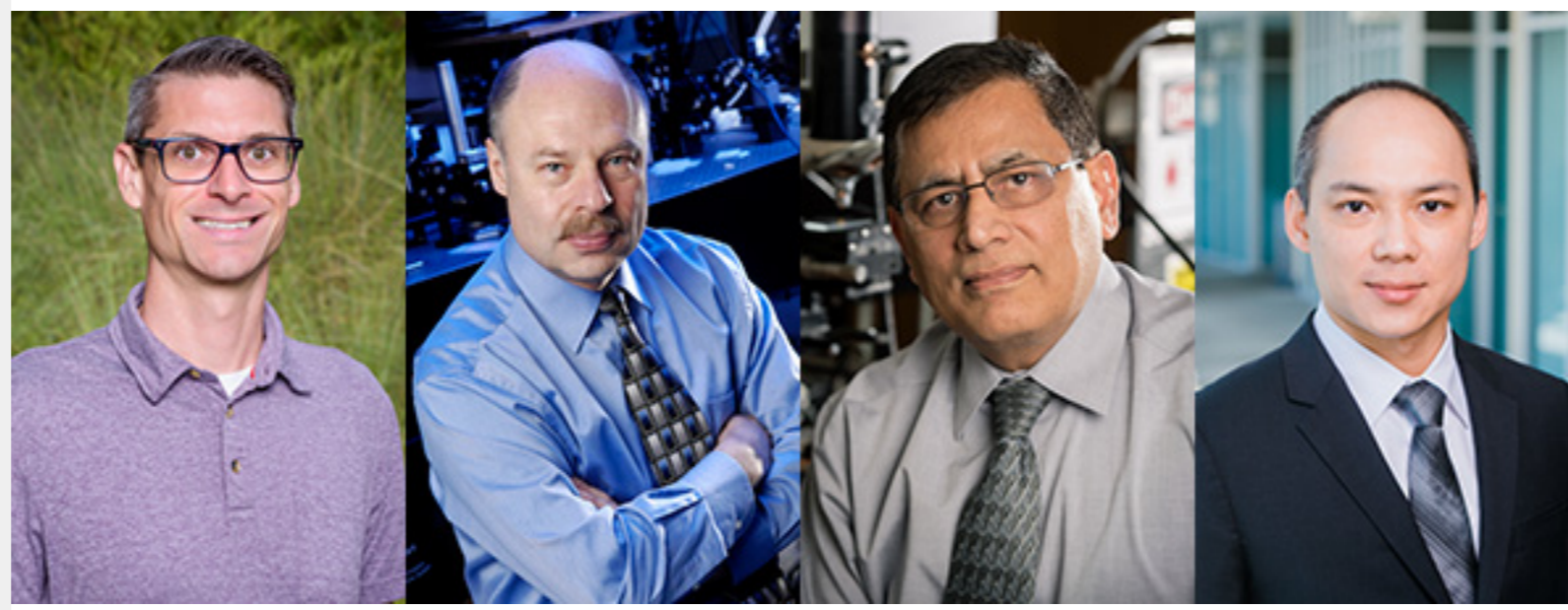
### Your UAB email gets you free access to the New York Times and other media

You can get access to digital editions of the New York Times, Wall Street Journal and Financial Times through UAB Libraries with your UAB email. Find instructions [online](#).

### Nominations open for President's Diversity Champion Awards

The honor recognizes achievements of faculty, staff, students and student organizations working to develop a more culturally diverse and inclusive university community. Read the guidelines and submit [online](#) by Jan. 6, 2023.

### Research & learning



### Chemistry, Physics faculty awarded more than \$3 million in Department of Energy grants

Jonathan Burns, Ph.D., Sergey Mirov, Ph.D., Yogesh Vohra, Ph.D., and Cheng-Chien Chen, Ph.D., each received funding from the U.S. Department of Energy for four projects in the fields of chemistry and physics.

### Study links suicide and food insecurity among college students

Assistant Professor Yusen Zhai, Ph.D., and a co-author examined suicide trends and prevalence among U.S. college students during the height of the COVID pandemic. Overall, suicidal thoughts and behaviors were lower over the study period, but they found that students experiencing food insecurity were at elevated risk.

### Study shows impact of firearm laws on neighboring states

Published findings from UAB suggest that certain firearm laws in one state were associated with other states' firearm-related deaths. Additionally, permit-to-purchase laws were associated with decreased firearm-related death rates both within a state and nearby states.

### Funding opportunities:

- **Aging:** Funding up to \$10,000 is available for small projects focused on the mechanistic hallmarks and/or energetics of aging from the Nathan Shock Center of Excellence in the Biology of Aging. Awards are made on a monthly basis; find details and apply [online](#).

### Mark your calendars



### Don't miss Men's Basketball vs. South Carolina Dec. 14

UAB Men's Basketball will face off against South Carolina 6 p.m. Dec. 14 in Bartow Arena; buy single-game tickets [online](#).



### Bring UAB home for the holidays

Support the School of Health Professions Student Scholarship Fund by purchasing a \$20 custom UAB ornament; place orders at [go.uab.edu/ornaments](http://go.uab.edu/ornaments) by Dec. 10.

### Help UAB caption 1,000 videos by January 2023

Do you have existing videos that need captioning or want to add captions to media for upcoming events? Submit a [DSS Captioning and Transcript Request form](#) to have professional captions added to university-related content being utilized for long-term viewership, large audiences and/or as part of an accommodation. Read more [online](#).

### Public Perceptions and Preferences for Antibiotics: Considerations for Health Communication

Explore health communication efforts to reduce antibiotic overuse and improve antibiotic impact through research on public perceptions and preferences.

🕒 noon Dec. 14  
📍 virtual  
📅 Register online

### Math Kangaroo competition

Children in grades 1-12 can register for the annual international mathematics competition held in more than 77 countries; the Department of Mathematics is a local host.

📅 March 16, 2023  
📍 University Hall  
📅 Register by Dec. 15

Lectures

Arts

Athletics

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