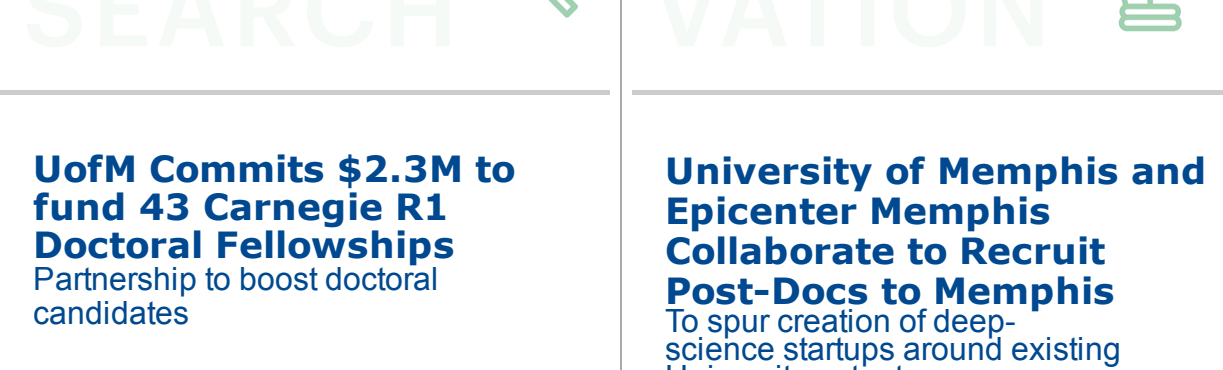
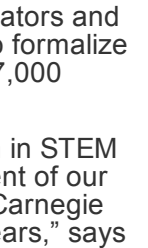




June 2019



## RESEARCH



### UofM Commits \$2.3M to fund 43 Carnegie R1 Doctoral Fellowships

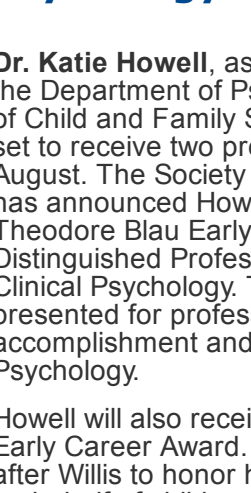
Partnership to boost doctoral candidates

On April 26, EVP for Research **Dr. Jasbir Dhalival** and provost **Dr. Tom Nenon** joined chairs, graduate coordinators and deans of STEM departments to formalize agreements supporting 43, \$27,000 doctoral fellowships.

"Increasing doctoral production in STEM areas is an important component of our campus-wide goal to become Carnegie Tier 1 research ready in five years," says Dhalival. "We are pleased to partner with our STEM Departments and academic leadership to make this happen."

Carnegie R1 Doctoral Fellowships are two-year awards, designed to significantly increase the pipeline of qualified candidates. Academic units commit to continue funding to support these students beyond the initial fellowship period with an emphasis on securing external research funds to cover these costs.

For more information, contact [research@memphis.edu](mailto:research@memphis.edu).



**UofM's McKenna published in *Genome Biology* Journal**  
Journal recognized as the highest-ranked impact factor in its field

The work of Biology professor **Dr. Duane McKenna** and his post-doc **Seungwan Shin** has been published in *Genome Biology*, the biological sciences journal with the highest global impact factor. The research identifies lineage-specific genomic signatures that accompany dietary shifts towards plants in beetles over time. Significant to both biology and agriculture, this work supports the hypothesized role that interactions with plant chemical defenses play in driving beetle diversification. McKenna and Shin were coauthors on the paper. Read the article [here](#).

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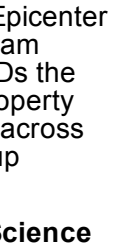
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## INNOVATION



### University of Memphis and Epicenter Memphis Collaborate to Recruit Post-Docs to Memphis

To spur creation of deep-science startups around existing University patents

The University of Memphis and Epicenter have partnered to create a program designed to give enterprising PhDs the opportunity to turn intellectual property developed both in Memphis and across the United States into local startup companies.

The **Patents2Products: Deep Science Entrepreneur Post-Doc Fellowships (P2P Fellows)** program will provide salary and benefits to six postdoctoral participants for two years, funds for initial startup costs and access to the University intellectual property was developed. The program is focused on commercializing deep science patents, or novel innovations that are the result of academic research and that also have potential for commercial purpose. The P2P Fellows will also have access to entrepreneurial curricula and resources throughout the regional innovation ecosystem and will be provided office space in either the UMRF Research Park or campus facility, as requested. The program will begin fall 2019.

For more information on this collaboration, read full press release [here](#). For interested candidates, click the image below to be directed to the P2P website.

## PATENTS2PRODUCTS

DEEP SCIENCE ENTREPRENEUR POST-DOC FELLOWSHIPS

### AI for Logistics

Green Mountain Technology

The FedEx Institute of Technology in partnership with Green Mountain Technologies has launched a new post-doc position in AI and machine learning. The position, fully funded for two years, will leverage Green's datasets to identify trends in the logistics industry and improve the predictive capabilities of logistics networks.

More information on this position available [here](#).

### Governor Bill Lee Notes UofM's Research Cluster

Highlights local Agtech momentum at Davos on the Delta Summit

The Food and Agriculture Summit, Davos on the Delta, was held in Memphis May 13. UofM co-sponsored this prestigious event alongside partners such as Indigo Ag, EY and Tennessee Department of Agriculture. UofM's Delta Valley faculty gathered with 300 intellectuals, experts and investors as Memphis was placed at the center of conversations about the future of our global food system.

In his opening remarks, Tennessee Governor Bill Lee highlighted the importance of the agricultural sector in our state economy and the University's Research Cluster as evidence of the local Agtech momentum in Memphis. For more information visit their Davos on the Delta [website](#).

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