US government (USG) investment in global health R&D has delivered

$9.8 million

to Oklahoma research institutions

100+ new jobs

for Oklahoma

Oklahoma’s top global health R&D institutions by USG funding

<table>
<thead>
<tr>
<th>ORGANIZATION</th>
<th>FUNDING</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Oklahoma</td>
<td>$6.0 million</td>
</tr>
<tr>
<td>Oklahoma State University</td>
<td>$3.8 million</td>
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</tbody>
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Global health R&D at work in the Sooner State

Researchers at the University of Oklahoma have discovered a new approach to block the malaria parasite from infecting mosquitoes. This important discovery could lead to a new vaccine. The researchers found that an antibody used against a key mosquito protein stopped the malaria parasite from invading mosquitoes. Vaccination with this protein could dramatically reduce the number of malaria cases around the world by preventing mosquitoes from transmitting the disease. Each year, more than 200 million people are infected with malaria and half a million die from the disease, most of whom are young children. Approximately half of the world’s population is at risk. Scientists are racing to create a malaria vaccine and new drug treatments before resistance to current antimalarials spreads.

Oklahoma’s top areas of global health R&D by USG funding

- NTDs: 53.4%
- Diarrheal diseases: 24.2%
- Malaria: 8.6%
- Salmonella infections: 3%
- Other: 10.8%

**GLOBAL HEALTH R&D IS A SMART INVESTMENT FOR THE UNITED STATES**

89¢ of every dollar

the USG invests in global health R&D stays within the United States, supporting the domestic economy.

USG investment in global health R&D between 2007 and 2015 generated an estimated:

- 200K new US jobs
- $33 BILLION in US economic growth.