



## Rescale University Program (ReUP) Simulation Research Grants

Rescale ([www.rescale.com](http://www.rescale.com)), through the Rescale University Program (ReUP), has established three engineering and science research grants, available to researchers (faculty, staff, and students) at academic institutions across the world. The grants will be awarded in the form of credits towards Rescale's cloud simulation platform, allowing recipients to conduct compute-heavy analyses much faster than with current systems. Grant amounts are as follows:

First Place	\$ 2,000 in Rescale credits
Second Place	\$ 1,000 in Rescale credits
Third Place	\$ 500 in Rescale credits
All other applicants	\$ 50 in Rescale credits

The grants will be delivered up-front, in one installment, and are to be used within one semester. As a result, all credits will be awarded on September 16, 2013 and expire on January 17, 2014.

### Eligibility

The grant is available to individual researchers, as well as research groups, at accredited universities and research institutions across the world.

### Requirements

In order to be eligible for the research grant, each applicant must submit a short research proposal (not to exceed 500 words) for consideration. The proposal must (1) outline the engineering or scientific problem to be solved, (2) detail how the applicant plans to use Rescale, and (3) state what type of simulation software will be used. **Proposals are due by September 9 at 5PM PST**, and should be sent to [reup@rescale.com](mailto:reup@rescale.com). Late submissions will not be considered. **All winners will be announced on Monday, September 16, 2013.**

As part of the grant, recipients will be required to submit a short case study (between 600 to 1,000 words) for publication by Rescale on the results of their research, including how the research benefited from use of Rescale's platform.

### Timeline

The timeline for the entire process is as follows:

1. August 7, 2013: Program launch
2. September 9, 2013: Research proposal submission deadline
3. September 16, 2013: Winners announced and projects begin
4. January 17, 2014: Final case study papers due



### What is Rescale?

Rescale ([www.rescale.com](http://www.rescale.com)) offers a software platform and hardware infrastructure for companies and universities to perform scientific and engineering simulations. Rescale's mission is to provide a highly powerful simulation platform that empowers the world's engineers, scientists, and researchers to develop the most innovative products and perform groundbreaking research and development.

Current customers include Fortune 500 companies, engineering consulting firms, and research universities in the aerospace, automotive, oil & gas, and life sciences industries. Rescale enables these companies and universities to solve their toughest engineering and scientific problems faster and receive superior results. We are compatible with over 25 software packages, including industry-standard, open-source, and user-provided custom codes, giving users the flexibility to keep their existing workflows or design new ones.

### Applications

Rescale is flexible enough to handle any type of compute-intensive engineering or scientific application, including but not limited to:

- Computational fluid dynamics (CFD)
- Finite element analysis (FEA)
- Multidisciplinary optimization (MDO)
- System dynamics modeling and simulation
- Molecular dynamics

### More Information

For more information about our platform, please visit us at [www.rescale.com](http://www.rescale.com)

To learn more about how to use the platform, please visit [www.rescale.com/resources](http://www.rescale.com/resources).

For an example on how researchers are using Rescale, please visit [blog.rescale.com/rescale-biotech-case-study](http://blog.rescale.com/rescale-biotech-case-study).

To find a complete list of the software packages we currently provide, please visit [www.rescale.com/tools](http://www.rescale.com/tools).

If you have any questions about the grant application process, email us at [reup@rescale.com](mailto:reup@rescale.com)