

Red Hat

Transform the Student Experience through Innovation

Modernize research and learning, better

To better serve students, faculty, clinicians, and researchers, education institutions and teaching hospitals can implement a hybrid cloud strategy with Red Hat solutions and modernize without costly rebuilds, automate across platforms, process and analyze more data, and have a more secure, consistent foundation to build apps.

Red Hat Contacts

Damien Eversmann, Chief Education Architect damien@redhat.com 916-662-4175
Jack Saslowsky, Marketing Manager jack.saslowsky@carahsoft.com 571-662-4975

Red Hat is more than a software vendor. We are a trusted partner that customizes solutions to meet the needs of each academic institution and teaching hospital in its digital transformation journey.

Modernization and optimization: Red Hat OpenShift gives education and healthcare professionals the advantage of hybrid cloud to deploy new environments in minutes while retaining on-premise data control and security.

Customized migration: Red Hat migration solutions help customers move from expensive proprietary virtualization infrastructure to modern, open technologies like Linux containers, hyperconverged platforms, automation, and multi-cloud management.

Customize infrastructure: To help shift the focus back to research from IT management, Red Hat OpenShift and Red Hat Ansible Automation Platform work together as a Research Platform-as-a-Service (RPaaS) to equip teams to build on-demand environments, automate deployments of research toolsets like Open Data Hub, and retire environments when the project is over.

Security and compliance: Red Hat Ansible Automation Platform automates the processes of incident response, threat hunting, and investigation enrichment to improve the accuracy and speed of security operations.

Data integration: Red Hat OpenShift and Red Hat Application Services help academic institutions holistically integrate disparate data and systems to reduce waste and costs, improve patient outcomes, and ensure compliance.

Data analytics: With open source technologies like Red Hat Enterprise Linux, OpenShift, Red Hat Decision Manager, and Red Hat Process Automation Manager, we build data analytics solutions that address critical use cases in academia and healthcare.

Streamlined operations: Through its simplicity and versatility, Red Hat Ansible Automation Platform solves the most common and time-consuming security, compliance, and operations challenges while improving efficiency and reducing costs related to these activities.

In our demo kiosk and booth at EDUCAUSE, Red Hat will showcase how their teaching and learning tools support technology education, with a focus on these offerings:

1. **Red Hat Academy:** Red Hat Academy partners with academic institutions worldwide to provide the next generation of IT talent—degree-seeking students in high school, community college, and undergraduate and graduate students—free access to various Red Hat training courses and certification exams. Taught by instructors from the institution, no additional infrastructure is required. Labs and instructional material are hosted by Red Hat. The skill development component of this offering is intended to complement and extend the skills of graduates, making those who wish to work in technical fields more marketable upon graduation.
2. **Red Hat workforce development program:** The Red Hat workforce development program focuses on alumni and non-degree-seeking students. It allows colleges and universities to help those students who may want to change careers, enter the IT industry through certification, or get an IT certification. The program focuses on individuals who might not go through a traditional four-year degree program but want to start an IT career and applies to students coming out of high school who cannot enter a four-year program. It also applies to adults that want to restart their careers in the IT industry.
3. **Red Hat OpenShift Data Science:** Red Hat OpenShift Data Science (RHODS) focuses on research and teaching faculty. OpenShift Data Science is a managed cloud service for data scientists and developers of intelligent applications. It provides a fully supported sandbox where developers can rapidly develop, train, and test machine learning (ML). OpenShift Data Science is a reliable, scalable, and security-focused tool that allows faculty to set up teaching and research environments rapidly. Research computing for faculty has often been challenging for institutions to deploy cost effectively. OpenShift Data Science makes it possible for institutions to create opportunities for long research durations, creating competitive advantage when recruiting faculty and pursuing grants from the National Science Foundation (NSF) and National Institutes of Health (NIH), among others.

[Visit us during EDUCAUSE 2022](#)

Carahsoft Booth #423 and Red Hat Booth #969