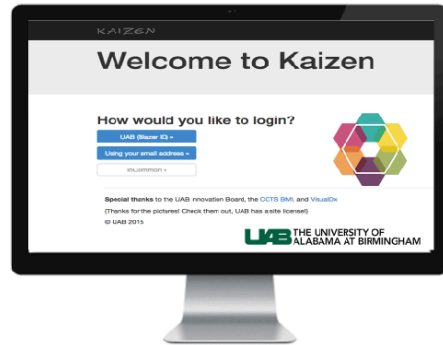


# KAIZEN



**Rigor Reproducibility & Transparency (R2T) Kaizen Game:** As you may know, the NIH will soon require formal instruction in Scientific Rigor, Reproducibility & Transparency for all federally-funded trainees. In support of high quality investigation and in our commitment to scientific integrity, UAB based the R2T-Kaizen course upon the review of articles focusing on common errors and fallacies in scientific research as well as the (4) focus areas of R2T: scientific premise, authentication of chemical and biologic resources, consideration of sex and other biologic variables in study design and statistical rigor.

### ***When is the next game? How can I play?***

Click the “Kaizen Waitlist” button and we will let you know when the next game dates will be as well as how to register. Or email: [jetytrip@uab.edu](mailto:jetytrip@uab.edu)

### ***What is Kaizen?***

It’s an online learning game. The **Kaizen** educational platform, developed at UAB, is based upon the philosophy of continual improvement and is designed to enhance education by providing competitive learning in a game platform. Kaizen has been used throughout UAB for education in the Schools of Medicine, Nursing, Dentistry and Public Health. As part of the popular gamification trend, the desired result is for students to learn and retain more information.

### ***How does it work?***

Players register online and then once the game starts, directions to log in and play will be provided. The R2T games typically run 4 weeks, with 5 questions to answer per week based on study materials provided in advance. The students are then notified when the questions are ready to answer. The students log into the system using a web browser and answer them, it’s that simple. Beyond a basic point structure for correct responses, there are bonus points when players reach certain levels or get a certain number in a row correct. Participants play as individuals but also as teams hoping to provide an incentive to actively participate. After passing the course, participants receive a certificate of completion. Participants from UAB are entered into the UAB Learning Management System (LMS).

***What is it used for?*** Kaizen has been used to reinforce competencies in Medicine, Nursing, Dentistry and Public Health. It has also been leveraged for continuing education in good clinical practice and more recently in concepts related to methodologic rigor and transparency. Developed as an innovative web-based quiz game, the aim is to provide a fun and flexible way to learn new competencies. Currently, the platform is helping investigators meet an NIH policy requiring formal training in Rigor, Reproducibility & Transparency (R2T). All T, K, F awardees are encouraged to play but it is open to all investigators at UAB, across the CCTS Partner Network and around the country. The first online R2T course was developed and piloted from Jan 24, 2017 to Feb 22, 2017.