This workshop will cover the basics of secure Web application development and testing. We will begin by examining the code for a simple Web application that tracks "To-Do" items. We will then shift roles and attack this application to expose the security issues common to many Web applications. Finally, we will shift back to the Web application developer's role and examine the techniques used to fix the vulnerabilities found in the application.

The code, techniques, and fixes used in this talk are applicable to any development environment. You will leave this talk with a good understanding of how to apply these techniques to secure your own applications.

REGISTRATION

This workshop is free and open to all UCSB campus employees. Registration is limited to 49 participants.

Pre-registration is required. Sign up online at http://ehs.ucsb.edu/training (select “Web Standards Workshop”). For questions, send email to webstandards@ucsb.edu.

PRESENTER

Gabriel Lawrence is the Director of IT Security at UC San Diego. Gabriel's career has focused on large-scale secure enterprise IT projects for over the last fifteen years. At UCSD, his responsibilities include identity management, network security, application security and system security. He has designed security standards and implementations that have drastically reduced the exposure of systems while maintaining the open collaborative environment that is the hallmark of a research institution.