

## **nakashima2 - Susie**

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**From:** Jason Martin [jason@sdnaconsulting.com]  
**Sent:** Monday, March 26, 2012 3:02 PM  
**To:** HEDtestimony  
**Cc:** Kaylee Skaar  
**Subject:** Testimony in support of HR146 and HCR189

Name: Jason L. Martin

Title: President & CEO

Organization: Secure DNA

Committee that comments are directed to: Committee on Higher Education

Date and Time of hearing: Tuesday, March 27 at 2:10 p.m.

Measure Number: HR146 and HCR189

To Whom it May Concern:

I would like to offer testimony in full support of HR146 and HCR189. I have worked within the Information Technology and Cyber Security field for the last fourteen years at a variety of different levels. I started out providing IT and system support for Hawaii's hospitals and now lead Hawaii's largest Cyber Security and IT Risk management company, founded and headquartered here in Honolulu with offices in the Philippines, San Francisco, and Chicago. Being born, raised, and educated within the State of Hawaii I think that it is critical that our education systems take a forward looking approach to curriculum planning. Secure DNA has had numerous challenges trying to grow and build our company due to the lack of local resources with cyber security specific training or experience. Traditional Computer Science or Engineering programs focus on helping students learn how to build or develop things, and while this provides a strong foundation to becoming a competent security professional, a true cyber security professional needs very specific training that cultivates a different mindset. Building the critical skills and capabilities that are necessary to be able to deconstruct and find holes within a complex system are only able to be acquired today through practical hands on experience as there is no way for students within our universities to learn these things. For a company like ours that is trying to hire people we are stuck with a tough choice. Hire an experienced security professional from the U.S. Mainland who may or may not stay in the State and has not deep roots within the islands, or take a risk and hire an inexperienced college graduate. For years we were forced to do the former; however, almost two years ago we decided to take matters into our own hands and started an internship program for undergraduate and graduate students. Our aggressive internship program has allowed us to expose talented students to real world security engagements giving them invaluable exposure and giving us the ability to measure their capabilities and capacity to learn. As a result of our own program we have hired three of our last four interns as full time employees of the company. I believe that our experience is a small subset of a broader demand within the Hawaii market. Whether its unfilled capacity within the large DoD presence or unfilled positions within the private sector I know that security professionals are in high demand. Customers are constantly coming to our company to ask of any experienced security professionals that they could hire and my response is consistently "If I did I would have already hired them."

I believe that a focused Cyber Security track within our university system would benefit our students, our state, and ultimately our country. We need to foster skills and attract talented students into an area that is becoming the fifth domain of warfare. We need to ensure that Hawaii's companies, state and local governments, and even the Federal government have the resources they need to operate within this domain. It is not enough to teach one, two, or even three security courses within a graduate track and expect students to pick up anything but the most rudimentary of skills. The Cyber Security field is highly diverse and requires all the basic areas of computer science knowledge enforced with specific training in areas like web application security, incident response, malware analysis, network penetration, physical security, and many more. Having an accredited program offering an advanced degree in Cyber Security would attract new students, create highly employable and sought after graduates, and hopefully help address the issue with lack of local resources in this area.

Respectfully,

Jason Martin

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## nakashima2 - Susie

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**From:** Dwight Victor [dwight@aikanaka.com]  
**Sent:** Tuesday, March 27, 2012 9:01 AM  
**To:** HEDtestimony  
**Subject:** Testimony AGAINST UH Information Assurance Program

To: COMMITTEE ON HIGHER EDUCATION  
Rep. Scott Y. Nishimoto, Chair  
Rep. Mark M. Nakashima, Vice Chair  
Rep. Henry J.C. Aquino  
Rep. Scott K. Saiki  
Rep. Karen L. Awana  
Rep. K. Mark Takai  
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Rep. Roy M. Takumi  
Rep. Jerry L. Chang  
Rep. Jessica Wooley  
Rep. Faye P. Hanohano  
Rep. Corinne W.L. Ching  
Rep. John M. Mizuno  
Rep. Aaron Ling Johanson

RE: Measures HR146 and HCR189 & Hearing HED 03-27-12

As an affected party of the latest and greatest data breach by the UH I am testifying AGAINST the resolutions to have the UH establish an Information Assurance program.

The UH is currently INCAPABLE of producing IA professionals as it CANNOT manage its own internal networks. UH has a very poor history of IA with regard to its own systems; I recommend that ALL committee members read up on the multiple data breaches over the last few years.

I CANNOT SUPPORT these resolutions until such time that the UH proves that they can do the job right.

Dwight Victor, CISSP