

# Kenneth Clayton McKell

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## Education

- **University of Hawai'i at Mānoa** Honolulu, HI  
*Doctor of Philosophy in Electrical Engineering* All but dissertation (ABD)  
– Advisor: Prof. Gürdal Arslan
- **University of California Los Angeles** Los Angeles, CA  
*Master of Science in Mechanical Engineering* 2007  
– Advisor: Prof. Jeff Shamma
- **University of California Los Angeles** Los Angeles, CA  
*Bachelor of Science Summa Cum Laude in Mechanical Engineering* 2006

## Honors and Awards

UH Mānoa College of Engineering Outstanding Teaching Assistant Award 2014  
ARCS-Honolulu Kresser Award in Engineering 2010  
UH Mānoa Electrical Engineering Departmental Fellowship 2007  
UCLA Mechanical and Aerospace Engineering Departmental Fellowship 2006  
Northrop Grumman Foundation Scholarship 2005  
University of California Regents Scholarship (4-Year) 2002

## Research Experience

- **UH Mānoa Electrical Engineering Dept.** Honolulu, HI  
*Graduate Assistant* Aug. 2007 - Present  
– Advisor: Prof. Gürdal Arslan
- **University of Colorado** Boulder, CO  
**Electrical, Computer and Energy Engineering Dept.**  
*Visiting Researcher* Jan. 2010 - May 2010  
– Sponsor: Prof. Jason Marden
- **California Institute of Technology Computer Science Dept.** Pasadena, CA  
*Visiting Researcher* Aug. 2008  
– Sponsor: Prof. Adam Wierman

## Teaching Experience

- **Teaching Assistant** UH Mānoa  
*EE 351L: Linear Feedback-Control Systems Lab* Jan. 2014 - May 2014
- **Teaching Assistant** UH Mānoa  
*EE 211: Basic Circuit Analysis I Lab* Aug. 2013 - Dec. 2013
- **Teaching Assistant** UH Mānoa  
*EE 351L: Linear Feedback-Control Systems Lab* Jan. 2013 - May 2013

- **Teaching Assistant** UH Mānoa  
*EE 211: Basic Circuit Analysis I Lab* Jan. 2013 - May 2013
- **Teaching Assistant** UH Mānoa  
*Phys 152L: General Physics Lab II* Aug. 2012 - Dec. 2012
- **Instructor** Akamai Workforce Initiative  
*Maui Short Course* Jun. 2012
- **Teaching Assistant** UH Mānoa  
*EE 341L: Communication Systems Laboratory* Aug. 2009 - Dec. 2009
- **Teaching Assistant** UCLA  
*MAE 107L: Dynamic Systems Laboratory* Apr. 2007 - Jun. 2007

## Work Experience

- **Honeywell Aerospace** Torrance, CA  
*Intern* Jun. 2005 - Sep. 2005
- **Kennedy/Jenks Consultants: Engineers & Scientists** Palo Alto, CA  
*Intern* Jun. 2004 - Sep. 2004

## Professional Development

- Professional Development Program. Institute for Scientist and Engineer Educators and Akamai Workforce Initiative. Hawaii, 2012.
- Workshop: Rethinking Science and Engineering Learning and Teaching. Institute for Scientist and Engineer Educators. Pukalani, HI. Jan, 2009.

## Professional Activities

- Student member of the Institute of Electrical and Electronics Engineers (IEEE)
- Student member of the American Indian Science and Engineering Society (AISES)

## Professional Service

- Volunteer, 51st IEEE Conference on Decision and Control
- Referee, 3rd IFAC Workshop on Distributed Estimation and Control in Networked Systems
- Referee, 2011 International Conference on Network Games, Control and Optimization
- Referee, 2011 International Conference on Social Computing, Behavior-Cultural Modeling & Prediction
- Referee, 49th IEEE Conference on Decision and Control
- Referee, 2009 IEEE International Conference on Communications

## Skills

**Applications:** Matlab, Simulink, L<sup>A</sup>T<sub>E</sub>X, Python, HTML, CSS