

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

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 IEEE: 2008 - *Present*

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^AT_EX, Python, HTML, CSS