



**SAN JOSÉ STATE
UNIVERSITY**

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Gerry Selter
Provost & Vice President
for Academic Affairs

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TO: SJSU Campus Community

FROM: Gerry Selter, Provost and Vice President for Academic Affairs
Division of Academic Affairs

Jerri Carmo, Deputy COO
SJSU Research Foundation

RE: 2010 Early Career Investigator Awardees

We are pleased to announce that **Dr. Craig Clements from the College of Science, and Dr. Amy D'Andrade from the College of Applied Sciences and Arts have both been chosen to receive the San José State University Research Foundation Early Career Investigator Award for 2010.** Their selection is made at the recommendation of the Early Career Investigator Subcommittee of the Research Foundation Board of Directors.

The SJSU Research Foundation Early Career Investigator Award recognizes tenure-track SJSU faculty who have excelled in areas of research, scholarship or creative activity as evidenced by their success in securing funds for their research, peer-reviewed publications and other scholarly and creative activities at an early or beginning point in their career at SJSU. Our two recipients are exceptional examples of individuals who have achieved this level of success.

Dr. Craig Clements is in his 3rd year at SJSU within the Department of Meteorology and Climate Science, and has already been tremendously successful and productive in his field of fire weather research. This success is embodied in multiple grant awards totaling \$833,224. His most recent award is the prestigious and competitive NSF Major Research Instrumentation (MRI) grant. In addition, Dr. Clements has been PI or co-PI on 18 proposals submitted since he started at SJSU. These range from small single PI grants to very large multiple investigator submissions that have arisen from Dr. Clements' outreach to a variety of communities since his arrival here, including CAL FIRE, NASA, PG&E, and the National Park Service to name a few. Dr. Clements has utilized his awarded funds to purchase meteorological equipment for both his research work and also for the department. Through his grant funding Dr. Clements also provides stipends for students to conduct their own research. His first two MS students (Scott Strenfel & Kari Kiefer) have submitted their theses this Spring; and a third (Daisuke Seto) was awarded the *Best Young Scientist Award* at a recent national conference based on his research with Dr. Clements. Dr. Clements is first author on two publications

published since his arrival, and co-author on two additional publications. He has an additional paper in submission now, and is currently preparing three papers for submission with his MS students. These publications are in top journals in the field. Finally, it is worth noting that Dr. Clements has had all these successes while teaching several new classes. Specifically, he has taught eight new preparations during his six semesters here and has developed new class curricula for *Fire Weather* courses he plans to teach in the near future. In summary, Dr. Clements' work is outstanding for a faculty member in his 3rd year at SJSU and he is bringing prominence in the field of fire weather research to SJSU.

Dr. Amy D'Andrade joined the faculty in the School of Social Work in 2005 after receiving her PhD in Social Welfare from the University of California at Berkeley. Dr. D'Andrade has been very successful at obtaining external funding for her research work, which is focused on child welfare services. To date she has received six external grants from a variety of funders including U.C. Berkeley, Santa Cruz County Human Services Department, and the California Social Work Education Center, for a total award amount of over \$450,000. The trajectory of her grants shows her developmental progression as a researcher: starting with small internal university grants, she moved quickly to year-long studies funded by moderately sized grants, and she is now working on multi-phase, multi-county studies spanning several years and funded by larger grants. This steady and strategic progression has enabled her to develop necessary skills for each next level of work, and she is now poised to be competitive for grants at the federal level. Dr. D'Andrade has made significant contributions to the development of knowledge in her field. Although her focus is on applied research, her work has implications for the child welfare field as a whole as evidenced by her strong publication record. She has had nine journal articles published in peer reviewed journals since joining the faculty, and she was first or sole author on six of these. Three of these articles are in journals ranked in the top ten journals of the field on measures of quality and/or prestige. She has had two book chapters published, and presented at three peer-reviewed research conferences, while dissemination of her work in professional and community venues has been even broader. Her research knowledge strengthens our graduate curriculum, as seven students have participated as research assistants on her funded research projects, and one of these students has collaborated with her on an article recently accepted for publication (D'Andrade & Valdez, 2010). In summary, Dr. D'Andrade's scholarship has greatly enhanced the research infrastructure, capacity, and recognition of SJSU.

The SJSU Research Foundation has established two Early Career Investigator Awards in order to encourage participation beyond those colleges where large numbers of faculty have traditionally participated. One award will go to a faculty member in the Colleges of Science and Engineering and another for a faculty member from all other colleges. Each awardee will receive a cash award of \$1,000 to be used at their discretion.

Please join us in congratulating the extraordinary achievements of Dr. Craig Clements and Dr. Amy D'Andrade - two outstanding members of the San José State University faculty.