

Mathematical Sciences
Center for Faculty Development¹

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United States Military Academy, West Point NY

Michael Chen and
Calandra Tate Moore

Visiting Scientists from Army Research Laboratory
Department of Mathematics, United States Military Academy

Life as an ARL Scientist

ABSTRACT

Army Research Laboratory Visiting Scientists, Drs. Michael Chen and Calandra Tate Moore will share what it is like to be an ARL scientist. They will briefly discuss the overall structure of the lab, day-to-day duties, as well as specifics about the types of problems they encounter on their respective research teams.

About the Speakers

Dr. Michael Chen has been working at ARL as a mechanical engineer since 2005. He has been in charge of computational structural dynamics in aerodynamics branch. Projectile structural integrity during launch, survivability of payload electronics, and dynamics of projectile/gun interaction were some of his focuses. Recently, his interests have extended to structural mechanics of micro-electro-mechanical systems (MEMS) and electromagnetic study of accelerometers. He received three degrees in Civil Engineering and one Master's degree in Information Systems Management.

Dr. Calandra Tate Moore began at ARL in the summer of 1998 as a Science Technology and Recognition System (STARS) Fellow. She is a mathematician with the Multilingual Computing Branch in the Computational and Information Sciences Directorate. She works on a range applied statistics problems related to the development and evaluation of language technologies. Most recently, her focus has been on applying nonparametric statistical techniques to Machine Translation Evaluation. She received a B.S. in Mathematics and a M.S. and Ph.D. in Applied Mathematics.

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