Opportunity Title: ORACLE Graduate Internship Program
Opportunity Reference Code: ORACLE2015

Organization	Oak Ridge National Laboratory (ORNL)
Reference Code	ORACLE2015

Description

This posting is for opportunities starting in and prior to Summer 2015. The deadline for submitting applications for the Summer term is March 15, 2015.

Oak Ridge National Laboratory (ORNL) has a rich history in computational mathematics. The first time that ORNL had the fastest computer in the world was 1954, when ORACLE (Oak Ridge Automatic Computer and Logical Engine) came online as the fastest and largest data storage computer on the planet, with a peak rate of 14 Kilo-FLOPS . ORACLE was tasked with problems in nuclear physics, radiation effects, and reactor shielding. Over the years ORNL has continued in the tradition of standing up world class leadership computing and has expanded the base of applications that computing plays an impactful and necessary role.

The Computational Applied Mathematics Group (CAM) in the Computer Science and Mathematics Division at ORNL is dedicated to the continuing development of mathematical and statistical foundations for computational based science and engineering problems at scale on the evolving platforms of leadership computing. The Computational Applied Mathematics Group is currently seeking promising graduate students that are beginning their career in the fields of mathematics and statistics to participate in the ORACLE Graduate Internship Program. ORACLE Program participants will work to produce the fundamental understanding and algorithms needed to maximize the knowledge that can be gained from world-class leadership computing.

For more information, visit Science Education Programs at ORNL or contact ORNLedu@orau.org.

Qualifications

Candidates must be enrolled in an accredited Ph.D. program in mathematics, applied mathematics, computer science, or a related field, with a Master's equivalency.

Additional Information:
ORACLE Associates will receive a monthly stipend of $4,000, a $500 monthly housing allowance, and $500 as a one-time dislocation allowance. The initial term is a 10-12 week summer internship with opportunities for extension or renewal. ORNL is located in beautiful East Tennessee, near Knoxville and the Smoky Mountains. To learn more about the Computer Science and Mathematics Division please visit http://www.csm.ornl.gov.

Eligibility Requirements

- **Degree:** Currently pursuing a Doctoral Degree.
- **Academic Level(s):** Post-Bachelor's, Postdoctoral, or Post-Master's.
- **Discipline(s):**
  - **Mathematics and Statistics** (10 👁)

Affirmation   I certify that I have completed coursework towards a degree in science, technology, engineering, mathematics, or a related field.