

Summer of Applied Geophysical Experience (SAGE) 2016 – Our 34th Year!

SAGE is a 3-4 week research and education program in exploration geophysics for graduate, undergraduate students, and working professionals based in Santa Fe, NM, U.S.A.

Application deadline March 27, 2016, 5:00pm MDT

SAGE students, faculty, teaching assistants, and visiting scientists acquire, process and interpret reflection/refraction seismic, magnetotelluric (MT)/electromagnetic (EM), ground penetrating radar (GPR), gravity, and magnetic data at a shallow archeological site and at the sedimentary basin scale in the Rio Grande rift. The Institute of Geophysics, Planetary Physics & Signatures (IGPPS) at the Los Alamos National Laboratory is sponsoring SAGE for its 34th year. SAGE will extend for extra days for undergraduate students who are U.S. citizens or permanent residents (PR).

- **Arrival/Departure:** U.S./PR undergraduates, SAGE will begin on Thursday, June 16 (arrival on Wednesday, June 15), through July 11, 2016. Departure is on Monday, July 11, after 1:00 PM or Tuesday, July 12, before noon.
- **Arrival/Departure:** All foreign students, graduate students, and professionals: SAGE will begin Sunday, June 19, arriving Saturday, June 18. Departure is on Monday, July 11, after 1:00 PM.
- **Fee:** US undergraduate students: stipend and travel support will be automatic if accepted, and the \$600 fee will be waived. Room and board are provided for all students and professionals by the program. A \$600 fee is required from U. S. and foreign graduate students, foreign undergraduates, and professionals. Payment is accepted via credit card: <http://www.lanl.gov/orgs/cfo/payment/> or a bank check in \$ mailed to: SAGE c/o Georgia Sanchez, P.O. Box 1663, MS T001, Los Alamos, NM 87545.
- **Requirements:** Letter of interest, two references, proof of medical insurance, and complete transcripts documenting the required courses (unofficial copies are acceptable).
- **Application deadline:** 5:00 p.m. MDT on Sunday, March 27.
- **Application process:** please visit the SAGE website <http://www.sage.lanl.gov>
- **Selection announcements:** will be sent out via email by April 15, 2016.

Students should have a quantitative background and some introduction to geophysics, though they need not be geophysics majors. We particularly welcome math/physics majors and other students considering careers in geophysics. As an example, students should have successfully completed a minimum of one year (two semesters or three quarters) of physics (through electricity & magnetism) and a minimum of three semesters of calculus (four preferred). Structural geology and/or introductory geophysics are recommended but not required.

Applications are encouraged from qualified:

- 1) Undergraduate students who are U.S. citizens or permanent residents and who will have completed their *junior* year and the requisite physics and math before attending SAGE,
- 2) U.S. *graduate* students in all stages of their careers, and
- 3) International students and professionals.

If you have questions or need additional information, please refer to: <http://www.sage.lanl.gov> or contact SAGE at SAGE_info@lanl.gov, or (505) 665-0855 at the IGPPS Office at Los Alamos National Laboratory.



Society of Exploration Geophysicists
The international society of applied geophysics

