

# Summer of Applied Geophysical Experience (SAGE) 2016 – Our 34<sup>th</sup> 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 34<sup>th</sup> 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](mailto: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

