Research Experience in Solid Earth Science for Students (RESESS)

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Significant Opportunities in Atmospheric Research and Science (SOARS) and Research Experience in Solid Earth Science for Students (RESESS) are dedicated to ensuring that the next generation of geoscientists both reflect and serve an increasingly diverse nation and multicultural world. SOARS has extended educational opportunities to college and university students from diverse backgrounds for 12 years. In 2005, the National Science Foundation’s program of Opportunities for Enhancing Diversity in the Geosciences funded the RESESS program to partner with the SOARS program. RESESS extends the SOARS model of research, multidimensional mentoring, and a supportive learning community into the fields of geophysics and geology.

Each year, with support from multiple mentors and peers, protégés embark upon a summer of scientific investigation, personal growth and professional development. Our combination of hands-on research, practice in scientific communication, and leadership training prepares our protégés to contribute to future scientific endeavors. SOARS and RESESS protégés can participate in up to four summers of research, receive funding for professional conference travel, and apply for supplemental funding for undergraduate and graduate programs. Through these efforts, SOARS and RESESS seek to create the next generation of leaders in the geosciences whose investigative expertise is complemented by strong leadership and communication skills.