The Antunes and Medford Research groups at Colorado State University are looking for two (2) post-doctoral fellows to work on a new plant synthetic biology project to produce useful, living biomaterials. A Ph.D. in plant molecular biology, cell biology, synthetic biology or a related field is required. Ideal applicants will have experience in molecular biology, plant cell biology and gene cloning. Experience in synthetic biology, design of synthetic genes and gene circuits, and basic mathematical modeling is desired; however, strong candidates without experience in one of these areas may be considered. Experience in moss culture and transformation is valued. Experience with transgenic plants is helpful but not essential. Well-developed skills in written and verbal communication are desirable. The incumbents are expected to interact with other post-docs, graduate students, lab technicians and undergraduate students in a positive and professional manner. Duties include applying a variety of molecular biology techniques, gene expression studies, synthetic gene construction, production and analysis of transgenic plants, planning experimental approaches based on research literature, and interpreting results. The successful individuals will be self-motivated and capable of independent thought and research. The successful candidates must demonstrate U.S. employment eligibility; visa sponsorship will not be provided. There may be hiring restrictions given the federal funding source. Work is expected to start in early 2018. Hiring is contingent upon receipt of funds from funding agency.

Interested individuals should upload a letter of interest, a current CV and names and contact information of three professional references at https://jobs.colostate.edu/postings/44382. Incomplete applications will not be considered. For full consideration, applications should be received by January 05, 2018.

The candidates for this position are expected to support the University's commitment to diversity and inclusion. Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy, and will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding nondiscrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services. Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.