

Energy & Environment

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| Federal Agency: | Bureau of Land Management |
| Program Title: | JFSP Conference Support Announcement 1 Task Announcement |
| CFDA Number: | 15.232 Wildland Fire Research and Studies Program |
| Closing Date: | November 18, 2011 |
| Link: | http://www.firescience.gov/RFAs/2012/2012-5_Conference_Support_RFA.pdf |
| Estimated Grant Awards: | \$50,000; 3-5 awards; up to \$15,000; 2 years |
| Description: | Provides funding for co-sponsored regional, national, or international conferences to address problems associated with managing wildland fuels, fires, and fire-impacted ecosystems. |

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| Federal Agency: | Bureau of Land Management |
| Program Title: | JFSP Data Archival 1 Task Statement |
| CFDA Number: | 15.232 Wildland Fire Research and Studies Program |
| Closing Date: | November 18, 2011 |
| Link: | http://www.firescience.gov/RFAs/2012/2012-4_Dataset_Archival_RFA.pdf |
| Estimated Grant Awards: | \$150,000; 10-15 awards; award amount is reflective of actual costs; up to 1 year |
| Description: | Provides new or supplemental funds to document and submit datasets created from completed or ongoing JFSP funded projects to an actively managed data repository. The purpose of this activity is to make high quality datasets available to the research community. |

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| Federal Agency: | Bureau of Land Management |
| Program Title: | Graduate Research Innovation (GRIN) Award 1 Task Statement |
| CFDA Number: | 15.232 Wildland Fire Research and Studies Program |
| Closing Date: | November 18, 2011 |
| Link: | http://www.firescience.gov/RFAs/2012/2012-3_GRIN_RFA_new.pdf |
| Estimated Grant Awards: | \$100,000; 3-5 awards; award amount is reflective of actual costs; up to 2 years |
| Description: | Funds graduate student research in the fields of wildland fire and related human dimensions and ecological sciences to conduct research that will enhance the quality, scope, or applicability of their thesis or dissertation, and to build skills needed for independent inquiry. |

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| Federal Agency: | Bureau of Land Management |
| Program Title: | JFSP New Science Announcement 1 Task Statement |
| CFDA Number: | 15.232 Wildland Fire Research and Studies Program |
| Closing Date: | November 18, 2011 |
| Link: | http://www.firescience.gov/RFAs/2012/2012-2_new_science_RFA.pdf |
| Estimated Grant Awards: | \$1,000,000; 3-7 awards; award amount is reflective of actual costs; 2-3 years |
| Description: | Sponsors projects that support activities that lead to or advance innovative ideas in fire social sciences. |

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| Federal Agency: | National Institute of Food and Agriculture |
| Program Title: | Agriculture and Food Research Initiative: Sustainable Bioenergy |
| CFDA Number: | 10.310 Agriculture and Food Research Initiative |
| Closing Date: | Letter of Intent: October 25, 2011; Full Application: December 15, 2011 |
| Link: | http://www.csrees.usda.gov/funding/rfas/pdfs/12_bioenergy.pdf |
| Estimated Grant Awards: | <p>\$11,000,000</p> <ul style="list-style-type: none"> • Development and Sustainable Production of Regionally-appropriate Biomass Feedstocks Program: One award; up to \$2,000,000 per year; up to 5 years. • Policy Options for and Impacts on Regional Biofuels Production Systems Program: 6 awards; up to \$350,000; 2-4 years • Impacts of Regional Bioenergy Feedstock Production Systems on Wildlife and Pollinators Program: 5 awards; up to \$500,000; 2-4 years • Socioeconomic Impacts of Biofuels on Rural Communities Program: 6 awards; up to \$350,000; 2-4 years • Environmental Implications of Direct and Indirect Land Use Change Program: 5 awards; up to \$500,000; 2-4 years |
| Description: | Support research, education, and extension work that address key problems of national, regional, and multi-state importance in sustaining specific components of agriculture. |

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| Federal Agency: | National Science Foundation |
| Program Title: | Sustainable Energy Pathways |
| CFDA Number: | 47.041 Engineering Grants; 47.049 Mathematical and Physical Sciences; 47.050 Geosciences; 47.070 Computer and Information Science and Engineering; 47.075 Social, Behavioral, and Economic Sciences |
| Closing Date: | February 1, 2012 |
| Link: | http://www.nsf.gov/pubs/2011/nsf11590/nsf11590.htm |
| Estimated Grant Awards: | \$34,000,000; 15-20 awards; up to \$500,000 for up to 4 years |
| Description: | Supports interdisciplinary basic research in science, engineering, and education by teams of researchers for developing systems approaches to sustainable energy pathways. |

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| Federal Agency: | National Energy Technology Laboratory |
| Program Title: | Solid State Lighting Manufacturing Research and Development – Round 3 |
| CFDA Number: | 81.086 Conservation Research and Development |
| Closing Date: | December 15, 2011 |
| Link: | https://eere-exchange.energy.gov/FileContent.aspx?FileID=0d6918dc-7d83-4053-a6b8-893fdea31cd1 |
| Estimated Grant Awards: | \$10,000,000; 2-4 awards; up to \$4,000,000; up to 2 years |
| Description: | Funds research and development to achieve cost reduction of solid-state lighting for general illumination through improvements in manufacturing equipment, processes, or techniques. |