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| Current and Pending Support | | | | | | | | | | | | | | | | |
| (See GPG Section II.D.8 for guidance on information to include on this form.) | | | | | | | | | | | | | | | | |
| The following information should be provided for each investigator and other senior personnel. Failure to provide this information may delay consideration of this proposal. | | | | | | | | | | | | | | | | |
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| Support: | Current | Pending | | Submission Planned in Near Future | | | | | | | | | | | \*Transfer of Support | |
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| Project/Proposal Title: | | | | | | | | | | | | | | | | |
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| Development of Dispersion-Corrected Density Functional Approaches for Accurately Modeling Weak CO2 Interactions with Catalysts | | | | | | | | | | | | | | | | |
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| Source of Support: NETL-URS | | | | | | | | | | | | | | | | |
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| Total Award Amount: $48,000 | | | Total Award Period Covered: 11/15/213 - 11/14/2014 | | | | | | | | | | | | | |
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| Location of Project: University of Pittsburgh | | | | | | | | | | | | | | | | |
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| Person-Months Per Year Committed to the Project. | | | | | | | | |  | | Cal: 0.5 | | Acad: | | Sumr: | |
| Support: | Current | Pending | | Submission Planned in Near Future | | | | | | | | | | | \*Transfer of Support | |
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| Project/Proposal Title: | | | | | | | | | | | | | | | | |
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| Investigation of CO2 Trapping Mechanisms in Clay Minerals | | | | | | | | | | | | | | | | |
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| Source of Support: NETL-URS | | | | | | | | | | | | | | | | |
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| Total Award Amount: $44,826 | | | Total Award Period Covered: 04/01/2014 - 11/14/2014 | | | | | | | | | | | | | |
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| Location of Project: University of Pittsburgh | | | | | | | | | | | | | | | | |
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| Person-Months Per Year Committed to the Project. | | | | | | | |  | | | Cal: 0.33 | | Acad: | | Sumr: | |
| Support: | Current | Pending | | Submission Planned in Near Future | | | | | | | | | | | \*Transfer of Support | |
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| Project/Proposal Title: | | | | | | | | | | | | | | | | |
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| Ionic Liquid Force Field Development | | | | | | | | | | | | | | | | |
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| Source of Support: NETL-URS | | | | | | | | | | | | | | | | |
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| Total Award Amount: $68,898 | | | Total Award Period Covered: 11/15/2013 - 11/14/2014 | | | | | | | | | | | | | |
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| Location of Project: University of Pittsburgh | | | | | | | | | | | | | | | | |
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| Person-Months Per Year Committed to the Project. | | | |  | | | | | | | Cal: 0.5 | | Acad: | | Sumr: | |

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| Current and Pending Support | | | | | | | | | |
| (See GPG Section II.D.8 for guidance on information to include on this form.) | | | | | | | | | |
| The following information should be provided for each investigator and other senior personnel. Failure to provide this information may delay consideration of this proposal. | | | | | | | | | |
|  | | | | | Other agencies (including NSF) to which this proposal has been/will be submitted. | | | | |
| Investigator: Kenneth Jordan | | | | | No | | | | |
|  | | | | | | | | | |
| Support: | Current | Pending | | Submission Planned in Near Future | | | | | \*Transfer of Support |
|  |  |  | |  | |  |  |  |  |
| Project/Proposal Title: | | | | | | | | | |
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| Critical Evaluation of Theoretical Models for Aqueous Chemistry and CO2 Activation in the Temperature-Controlled Cluster Regime | | | | | | | | | |
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| Source of Support: Department of Energy | | | | | | | | | |
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| Total Award Amount: $340,000 | | | Total Award Period Covered: 7/1/2012 - 6/30/2015 | | | | | | |
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| Location of Project: University of Pittsburgh | | | | | | | | | |
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| Person-Months Per Year Committed to the Project. | | | |  | | | Cal:0.7 | Acad: | Sumr: |
| Support: | Current | Pending | | Submission Planned in Near Future | | | | | \*Transfer of Support |
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| Project/Proposal Title: | | | | | | | | | |
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| Theoretical Studies of Non-Valence Correlation-Bound Anions and Positron-Molecule Complexes | | | | | | | | | |
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| Source of Support: NSF | | | | | | | | | |
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| Total Award Amount: $468,000 | | | Total Award Period Covered: 05/01/2014 – 04/30/2017 | | | | | | |
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| Location of Project: University of Pittsburgh | | | | | | | | | |
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| Person-Months Per Year Committed to the Project. | | | |  | | | Cal: 0.7 | Acad: | Sumr: |