

Postdoctoral Researcher  
Washington State University

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Posted Apr. 13, 2018, expired Aug. 15, 2018

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| <b>Job Title</b>            | Postdoctoral Researcher  |
| <b>Department</b>           | Chemistry<br><a href="http://www.chem.wsu.edu">http://www.chem.wsu.edu</a>   |
| <b>Institution</b>          | Washington State University<br>Pullman, Washington   |
| <b>Date Posted</b>          | Apr. 13, 2018  |
| <b>Application Deadline</b> | Open until filled  |
| <b>Position Start Date</b>  | Available immediately  |
| <b>Job Categories</b>       | Post-Doc<br>Research Scientist/Associate   |
| <b>Academic Field(s)</b>    | Physics - Atomic/Molecular/Optical/Plasma<br>Physics - General<br>Materials Sciences/Polymer Sciences<br>Chemistry - Physical<br>Chemistry - General |
| <b>Apply By Email</b>       | <a href="mailto:hipps@wsu.edu">hipps@wsu.edu</a>   |

**Job Description**

A postdoctoral position in the areas of single molecule chemistry / chemical physics is available in the Chemistry Department and the Materials Science and Engineering Program at Washington State University.

A Keck Foundation funded postdoctoral position is available for a joint research program in the laboratories of Professor KW Hipps and Professor James A. Brozik at Washington State University. Our joint studies focus on the development of the scientific principles necessary for the creation of self-replicating molecular machines. The position is for an experimental physical chemist or an experimental physicist with interests or expertise in, (1) Single Molecule Chemistry and Chemical

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Physics (fluorescence, AFM, or STM), (2) Self-Assembly, and (3) Stochastic Analysis. Computer Programming skills are also desirable. Applicants must have a PhD in Chemistry, Physics, or Materials Science. Applicants must also have strong writing and communication skills, an interest in gaining experience mentoring both graduate and undergraduate students in the laboratory, and the desire to work in a collaborative environment that merges chemistry, single molecule physics, and surface science to build revolutionary materials.

Prospective candidates should send their application materials to Professor Hipps ([hipps@wsu.edu](mailto:hipps@wsu.edu)), with the subject line: "Joint Hipps/Brozik Postdoctoral Research Position." Application materials should include a CV, the names and addresses of three professional references, and a cover letter outlining their research experience and interests. A competitive salary along with a benefits package will be offered. The initial appointment for each position will be for 12 months. An additional 12-month extension will be available based on performance and/or availability of funds. The position is available immediately.

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Prof. Kerry W. Hipps  
Chemistry  
Washington State University  
PO Box 644630  
Pullman, WA 99164

**Contact E-mail** [hipps@wsu.edu](mailto:hipps@wsu.edu)