

# CENTER FOR COMPUTATIONALLY ASSISTED SCIENCE AND TECHNOLOGY (CCAST)

## REQUEST FOR PROPOSALS - 2018

Principal Investigator Philip Boudjouk ([Philip.Boudjouk@ndsu.edu](mailto:Philip.Boudjouk@ndsu.edu)) is seeking proposals to be funded by the Department of Energy Grant No. DE-SC0001717.

DOE very recently approved our budget request allowing funding of energy related grants that make good use of our upgraded computational facilities in R1 and R2. It is anticipated that 3-5 awards of up to \$50,000 each will be made. The funding available is approximately \$200,000.

DEADLINE: noon Monday, December 4, 2017; Award notification: Friday, December 22, 2017. Applications should be submitted to Professor Boudjouk and cc'd to Cindy Buttke ([Cindy.Buttke@ndsu.edu](mailto:Cindy.Buttke@ndsu.edu))

### A. General Considerations

1. **Proposal Format:** Proposals should be submitted as a Microsoft Word document or PDF file (no more than 12 characters/inch; 1 inch margins). A Proposal Transmittal Form (PTF) is not required
2. **Title Page** with PI contact information and signature approval by Chair of the Department of the PI
3. **Table of Contents**
4. **Five Page Proposal** including Introduction, Plan of Work, Impact of Results and Publication Plan.
5. **References** on additional page(s)
6. **Two page Summary Vita** of the PI (PIs) including publications of the last ten years
7. **Budget** (Direct Costs only) for the period: 1/1/18 – 8/15/18
8. **Names of three (3) potential referees with full contact information.** These should not include co-authors of published or submitted articles, co-PIs on past, current, or submitted proposals, former advisors or members of applicant's department.

### B. Priorities (rated at approximately equal weight)

1. Impact of research on energy issues
2. Energy relevant cheminformatics and bioinformatics (data production, collection, analysis, or modelling)
3. Novelty of research approach
4. Impact of research on energy issues in the Upper Great Plains
5. Feasibility of completing the work and published in reputable journals in the calendar year **2018**

### C. Budget Considerations:

1. Up to two weeks of summer salary for the PI (or one week each for two PIs) are allowed
2. Maximum of \$1,000 for travel
3. Equipment items are **not** allowed
4. Chemicals and supplies are allowed
5. RA and summer support for students are allowed
6. Support for postdoctoral fellows and/or technicians January 1 through August 15, 2018 is allowed.
7. Funds not officially obligated by Aug 15, 2018 will have to be reallocated.
8. Direct costs only; no facilities and administrative costs allowed (F&A).

### D. Evaluation Process: External Review and Ad Hoc Internal Panel