

Institute for Modeling Collaboration and Innovation

Request for White Papers

The Institute for Modeling Complex Interactions (IMCI) requests white papers outlining ideas for research projects related to our mission. IMCI fosters interdisciplinary research by bringing together modelers and empirical scientists to address problems across all levels of biological organization from biophysical to ecological. Funds for this call come from a grant from the National Institutes of Health (NIH), so proposals must be in an area supported by NIH (see below).

White papers will be accepted until September 26th.

The white papers will be used to invite full proposals for the following:

Pilot Grants (1 year)

Selected projects will be funded at up to \$80K direct costs.

Eligibility criteria:

Pilot grants: Both tenure track and non-tenure track faculty of any rank are invited to apply. *Preference will be given to early career faculty.*

Faculty currently holding support from INBRE or any COBRE or CTR are not eligible to apply.

Other criteria:

- Proposals must be focused on modeling (e.g., mathematical, computational, statistical, molecular).
- Ties to empirical data are strongly encouraged, and empirical work that complements the modeling can be included in the proposal.
- Proposals must be for NIH-fundable research. Use the keyword search feature of NIH Reporter (<https://reporter.nih.gov/>) to see if NIH funds work similar to what you would propose.

Format:

The application should consist of a single PDF emailed to IMCI Director Holly Wichman at imci@uidaho.edu with the subject line "IMCI WHITE PAPER" and include:

Cover letter (1/2 page): The cover letter should address eligibility and include a statement of whether the PI has ever been a PI/PD on an external, peer-reviewed research project grant or program project grant from either Federal or non-Federal sources. Please provide grant numbers. Previous funding **does not** exclude you from consideration.

Project narrative (maximum 1 page): The title, PI, and up to 2 collaborators should be clearly indicated at the top of the first page. No abstract is required. Font size should be 11-point or larger, and margins should be 1". The narrative should include the overarching goal, central hypothesis, significance, and an overview of the planned approach. Use of figures is encouraged.

Bibliography/references (maximum 1 page): The white paper may include up to 5 full citations.

CVs for PI and Collaborators: Any format is allowable but should include educational and employment background, current position, publications, and current support.

No budget is required at this time.