

Colgate University Grant Application Approval

Please **complete and sign** this form, attach draft proposal including budget, and route in the order of the reviewers listed on verso.

The form, proposal, and budget are due in the Grants Office, G6 JB Colgate Hall, at least **5 working days before your deadline**.

This is an internal Colgate form and is not sent to funding agencies.

Submission format: ☒ Electronic ☐ Paper

Submission deadline N/A/

Your office phone extension x7456

This is a ☒ new proposal ☐ revision ☐ supplement

Project Director / PI Nick Moore Department Mathematics

Project Title Erosion, Transport, and Dispersion in Granular and Porous Media

Funding Agency NSF via Florida State University

Specific program Mathematical and Physical Sciences Solicitation #, if applicable _____

Proposed duration of grant: Start date August 1, 2022 End date July 31, 2023

Total project cost \$19,921

Amount requested from agency \$19,921

University cost sharing (if any) _____

Grant will cover: ☒ summer faculty salary
☐ academic year faculty salary/leave
☐ student research assistant(s)
☐ other personnel
☐ equipment
☐ supplies
☒ travel
☐ other: _____

Budget:

Is **cost sharing** required by the agency? ☒ No ☐ Yes – explain: _____

What Colgate source(s) will be used for cost sharing? _____

How has each **salary** figure been calculated? One summer month is 1/9 annual salary

What **percentage increase** in each salary has been used for each year? 2.5%

What percentage of each salary has been used to calculate **fringe benefits**? 32%

Does the agency allow **indirect costs**? ☐ No ☒ Yes, rate ☒ 35% of MTDC ☐ other: _____

Is this a collaborative proposal? ☒ No ☐ Yes, with: _____

Does it involve a **subaward** / **subcontract**? ☐ No ☒ Yes, to ☐ from ☒ Florida State University

What **space** is required for this project? (building, room #, sq. ft.): _____

Is any modification or addition to existing space required? ☒ No ☐ Yes – explain: _____

Equipment: Is special installation required? ☒ No ☐ Yes – explain below.

Are there requirements for air conditioning, electrical, plumbing, or other construction? ☒ No ☐ Yes – explain below.

Will the equipment require a service contract? ☒ No ☐ Yes – explain below. Attach extra page if needed.

Will Colgate incur **ongoing costs** as a result of this grant? ☒ No ☐ Yes – explain: _____

Personnel: Does the proposal include any grant-funded position(s) other than students or current employees?

☒ No ☐ Yes – explain and obtain signatures below. _____

Additional review and acknowledgments: Does the proposed project require the use of human subjects, laboratory animals, hazardous substances, or other items that may necessitate University review or an assurance by the University of compliance with federal regulations? ☒ No ☐ Yes – explain and obtain appropriate signature(s) below.

Investigator Certifications – Please check appropriate boxes; sign below.

☒ **Federal grants:** The PI and co-PIs have each attached a signed **Disclosure Statement Regarding Financial Conflict of Interest**.

☐ **Projects with human subjects:** The PI and co-PIs certify that they have completed or will complete required human subjects training.

☐ **NIH/PHS proposals:** The PI and co-PIs have each attached two signed NIH/PHS forms: **PI Assurance Certification** and **Financial Conflict of Interest Disclosure**.

☒ **NSF proposals:** The PI acknowledges that s/he has read the **Colgate Guidelines for Responsible Conduct of Research Training** and understands that s/he will be responsible for implementing the training of all student and/or postdoctoral researchers.

☐ **Projects requiring student travel:** The PI acknowledges that each individual who travels in conjunction with the grant will be required to complete the required **Forms for Colgate-sponsored Travel** (found on the Off-Campus Study web site).

☐ **Grant-funded positions:** The PI acknowledges that grant-funded position(s) will terminate when the grant funding ends.

I hereby certify that the statements made in the attached proposal and on this form are true and complete to the best of my knowledge. I agree to comply with the award terms and conditions if an award is made.

→ **PROJECT DIRECTOR / PI signature** Nick Moore **date** 10/17/2022
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Review and acknowledgement signatures as needed

Note: The signature indicates acknowledgment of the proposal for purposes of submission, but is not to be considered formal approval. The PI/DP is responsible for understanding and ensuring compliance with all institutional policies and procedures and funding agency terms and conditions if an award is made.

Proposals including new positions: _____ Assoc. VP, Human Resources
Proposals requiring use of human subjects: _____ Chair, Institutional Review Board
Proposals requiring use of laboratory animals: _____ Chair, Institutional Animal Care & Use Committee
Proposals requiring use of hazardous substances: _____ Chemical Hygiene/Biosafety Officer
Proposals requiring use of radioactive substances: _____ Radiation Safety Officer

This proposal has been read and approved by:

<u>Dan Schult</u> DocuSigned by: E96291EB52E3421...	10/17/2022	Chair, Dept. of <u>Mathematics</u>
<u>Rick Guier</u> DocuSigned by: A99F1C99E9C498...	10/17/2022	Director, Div. of <u>NASC</u>
<u>Trish St. Leger</u> DocuSigned by: 492FE88AAEC24AE...	10/20/2022	Vice Provost
<u>Lesleigh Cushing</u> DocuSigned by: 7ABAD26D597D44D...	10/17/2022	Dean of the Faculty and Provost
<u>Laura Festine</u> E982DA065705473...	10/17/2022	Director, University Grants and Sponsored Research
<u>Brittany Plumley</u> 54D3CG3CE81040F...	10/18/2022	Assistant Controller & Director of Grant Accounting
	date	Associate VP and Controller