

# The Division of Applied Mathematics

[www.brown.edu/academics/applied-mathematics](http://www.brown.edu/academics/applied-mathematics)

## Graduate Program

Dynamical systems

Stochastic processes and control

partial differential equations

numerical analysis

scientific computing

Probability and statistics

Continuum and fluid mechanics

Image processing pattern theory

Computational biology and neuroscience

### WHAT TO EXPECT

[Innovative research](#)

[Multidisciplinary collaborations](#)

[Eminent faculty with honors](#)

[Leading edge computing facilities](#)

[Intellectually inspiring with a community environment](#)

[ICERM \(an NSF-funded Mathematical Sciences Institute\)](#)

[Data Science Initiative](#)

### UNIQUELY BROWN

Competitive Fellowships

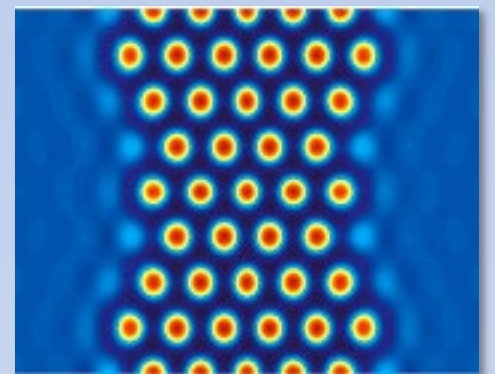
Five year guaranteed financial support

Full health benefits

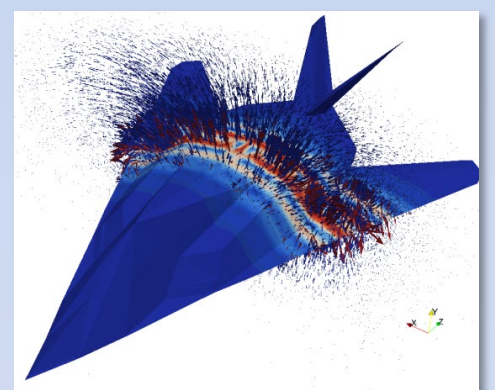
Academic mentorship

Teaching and research experience

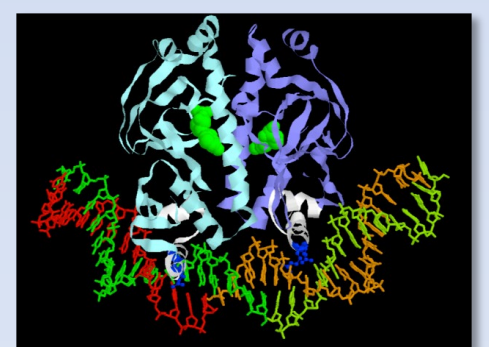
Summer support



Hexagonal Front in the Swift-Hohenburg Equation



Computational Modeling of Electromagnetic Scattering



Predicting DNA Binding Patterns

Apply online: <http://www.brown.edu/academics/gradschool/apply>

**BROWN UNIVERSITY**