

NRT: Training Next-Generation Scientists with Experimental, Theoretical, and Computational Competencies for Complex Interfaces” (INTERFACE)

Career Path Experiences

Preparing graduate students for diverse career paths

Private Enterprise

NRT trainees visit partner companies for summer internships
Partners: GE, Boeing, Solvay

Government Lab

NRT trainees experience the dynamic, collaborative nature of the national lab research environment
Partners: LANL, NIST, ORNL

Academia

(a) NRT trainees will help teach core undergraduate courses relevant to interdisciplinary research
(b) NRT trainees will visit another academic research lab

Science Policy

Congressional offices in Jackson or Washington D.C. will host NRT trainees for exposure to legislative procedures and science policymaking

Communicating Science Workshops

Addressing contemporary challenges in STEM communication

Oral Communication

General Scientific Audience

K - 12 Students

General Public

Written Communication

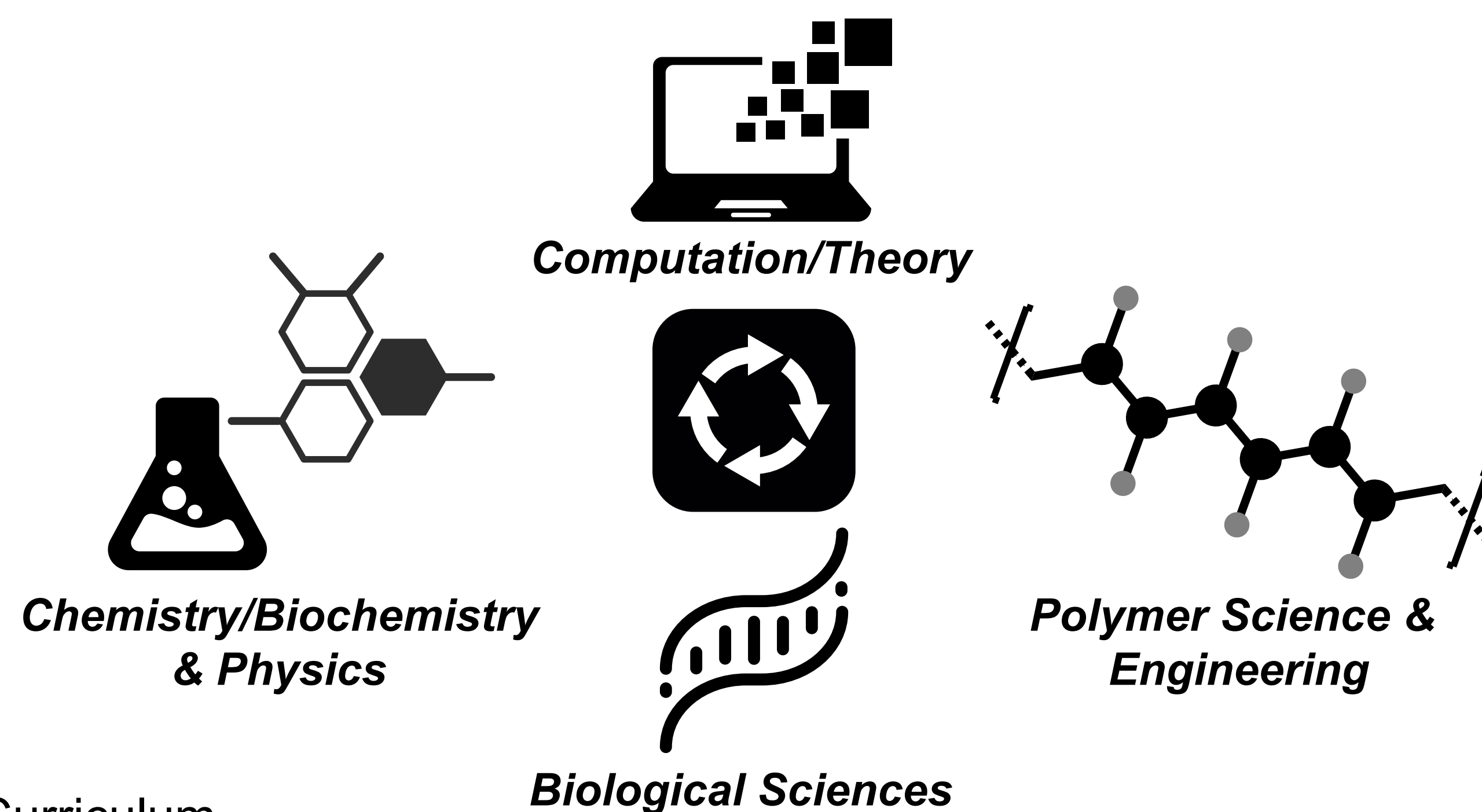
Manuscript Development

Proposal Development & “Seed” Funding Program

Science News Release with University Communications



Interdisciplinary Research & Curriculum



Curriculum

- Introduction to Modeling and Simulation
- Experimental and Computational Methodologies for Complex Interfaces
- NRT Seminar: Forging Frontiers in Complex Interfaces

Professional Skills Bootcamp & Workshops

Equipping graduate students with professional and “soft” skills

