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

**Career Path Experiences**
Preparation for diverse career paths

<table>
<thead>
<tr>
<th>Private Enterprise</th>
<th>Government Lab</th>
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</thead>
<tbody>
<tr>
<td>NRT trainees visit partner companies for summer internships Partners: GE, Boeing, Solvay</td>
<td>NRT trainees experience the dynamic, collaborative nature of the national lab research environment Partners: LANL, NIST, ORNL</td>
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<th>Academia</th>
<th>Science Policy</th>
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<td>(a) NRT trainees will help teach core undergraduate courses relevant to interdisciplinary research</td>
<td>Congressional offices in Jackson or Washington D.C. will host NRT trainees for exposure to legislative procedures and science policymaking</td>
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<td>(b) NRT trainees will visit another academic research lab</td>
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**Communicating Science Workshops**
Addressing contemporary challenges in STEM communication

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<tr>
<th>Oral Communication</th>
<th>Written Communication</th>
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<tr>
<td>General Scientific Audience</td>
<td>Manuscript Development</td>
</tr>
<tr>
<td>K - 12 Students</td>
<td>Proposal Development &amp; “Seed” Funding Program</td>
</tr>
<tr>
<td>General Public</td>
<td>Science News Release with University Communications</td>
</tr>
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**Interdisciplinary Research & Curriculum**
Equipping graduate students with professional and “soft” skills

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

**Professional Skills Bootcamp & Workshops**
Preparation for diverse career paths

<table>
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<th>Teambuilding</th>
<th>High Performance Teams</th>
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<tr>
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