NIMBioS offers a diverse array of activities to meet the educational needs for learners of all ages. NIMBioS initiatives focus on enhancing education at the interface between mathematics and biology.

Biology in a Box is a fun and challenging way for entire school systems to enhance their mathematics and life sciences curriculum at all grade levels using hands-on, inquiry based learning. The boxes include materials and exercises set to state science and math standards.

The Teacher Collaboration Program links teachers, scientists and educators with an interest in making connections between mathematics and biology. NIMBioS pairs teachers with active researchers in the mathematics and biology communities.

NIMBioS sponsors Research Experiences for Undergraduates each summer. Students live on campus and work in teams with professors on research projects at the interface of mathematics and biology. A stipend, housing and travel allowance are provided.

To participate in any of our educational and outreach opportunities, apply online at www.nimbios.org

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NIMBioS is a National Science Foundation funded institute established to bring together top researchers in biology and mathematics to collaborate across disciplinary boundaries to find creative solutions to today’s complex biological problems.

NIMBioS Working Groups focus on major scientific questions at the interface between biology and mathematics. The groups have well-defined goals and metrics of success. Working Groups range from 10-15 participants.

NIMBioS Investigative Workshops focus on broader topics and attempt to synthesize information with a goal to identify future directions that lead to Working Groups. Workshops range from between 30-40 participants.

Other research opportunities include postdoctoral fellowships, sabbaticals, short-term visits, graduate assistantships and faculty positions. NIMBioS also sponsors tutorials, faculty workshops and other educational workshops.

To attend an Investigative Workshop, propose a Working Group or apply for other research opportunities, visit our website at www.nimbios.org

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