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James Cassatt* (cassattj@nigms.nih.gov). *Biology and Mathematics in the New Era*.

As biology enters the post reductionist era, it is clear that expertise from fields outside of biology, such as mathematics, will be needed to solve the pressing issues. What mathematical research tools will be required for progress in medicine? New NIH funding programs designed to bring mathematicians into biology will be discussed. These include the new BISTI initiative in biocomputing and a joint program between the National Institute of General Medical Sciences and the Division of Mathematical Sciences at the National Science Foundation. (Received October 03, 2000)