



## **Mascoma Corporation Adds Scientific Advisors**

*Leading MIT professors Drs. Chris Kaiser and Dianne Newman  
Join Mascoma's Scientific Advisory Board*

**BOSTON, MA – December 2, 2008** – Mascoma Corporation, a leader in advanced low-carbon biofuels technology, today announced the addition of Dr. Chris Kaiser and Dr. Dianne Newman to the firm's Scientific Advisory Board.

"We are delighted that Drs. Kaiser and Newman have joined the Scientific Advisory Board," said Dr. Charles Wyman, Scientific Advisory Board Chairman and company Co-founder. "The technical expertise that both professors bring to our Board is impressive and will be a tremendous asset for our technology development."

Dr. Chris Kaiser is currently Head of the Department of Biology at MIT, where he manages a laboratory at MIT that studies the cell biology of protein folding and membrane protein sorting. He also has taught Genetics to undergraduate and graduate students at MIT for sixteen years. Dr. Kaiser serves on a number of review panels and editorial boards, and is the coauthor of a popular textbook, *Molecular Cell Biology* 5<sup>th</sup> and 6<sup>th</sup> editions (W.H. Freeman and Co.).

"I am thrilled to participate with this dynamic group of thinkers," Dr. Kaiser said. "Mascoma is leading the way and is expected to play a significant role in helping our nation meet its energy needs through a process that helps reduce carbon emissions while accelerating our transition away from petroleum."

Dr. Dianne K. Newman joined the faculty at MIT in 2007 where she is currently the John and Dorothy Wilson Professor of Geobiology. Her lab studies how bacteria catalyze geochemically significant reactions. Dr. Newman has been honored as a David and Lucille Packard Fellow in Science and Engineering and a fellow of the American Academy of Microbiology.

Prior to joining MIT, Dr. Newman was a faculty member at the California Institute of Technology (Caltech), joining in 2000. At Caltech, she was appointed as a Howard Hughes Medical Institute Investigator in 2005 and she was reappointed in 2008 after moving to MIT. Dr. Newman received her B.A. degree in German Studies from Stanford University and her Ph.D. in Environmental Engineering from MIT. She was a postdoctoral fellow at Harvard Medical School in the Microbiology and Molecular Genetics Department.

“Drs. Kaiser and Newman are foremost experts in their fields.” Mascoma’s Senior Vice President of Research and Development Jim Flatt said. “Their understanding of key technologies for cellulosic biomass conversion will be invaluable for our company, and we are very pleased to welcome them to the team.”

Mascoma’s Scientific Advisory Board provides the company with critical insights into important technical, business, and engineering aspects of the technology and business of converting cellulosic biomass into biofuels, biochemicals, and biomaterials. It is comprised of technology leaders with in-depth knowledge of the composition and structure of cellulosic biomass, its enzymatic conversion to sugars, application of microorganisms for sugar fermentation to ethanol and other products, and biomass processing.

### **About Mascoma**

Mascoma Corporation is a leader in advanced low-carbon biofuels technology and is headquartered in Boston, Massachusetts. Using proprietary microorganisms and enzymes developed at the company’s laboratories in Lebanon, New Hampshire, Mascoma is deploying advanced technologies that enable the creation of fuel from a range of non-food biomass feedstocks. Mascoma is developing demonstration and commercial scale production facilities globally. For more information, visit [www.mascoma.com](http://www.mascoma.com).

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