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FINISH LINE

Correction: NASA Developed HACCP

he "HACCP Update" story I wrote for the July/August '97 edition of Food Engineering prompted a letter from Dr. Paul A. Lachance, chairman of the food science department at Rutgers University. "It is a good succinct article and an insightful update," wrote Dr. Lachance. "There is one point, however, that I would contest, namely: 'HACCP was originally developed by Pillsbury" (for NASA astronauts). "It was reduced to practice by Pillsbury, but was not conceived by Pillsbury. I believe NASA and the NASA scientist in charge

need to be properly credited for the origins of HACCP."

Lachance attached an earlier letter he had written to *The Food Safety Consortium Newsletter*, published in its Winter '97 edition, to correct the same inaccuracy: "The concept was imposed on Pillsbury by NASA contract requirements, and I was the sole scientist in charge of flight food and nutrition at NASA Houston when this requirement [the first to be imposed on the food industry



Charles E. Morris Midwest Editor (847) 272-0559 cmorris@chilton.net

measurement and monitoring of food pathogens] occurred.

"With the help of Natick Labs, I had required the measurement of food pathogens in Project Gemini, and these were part of the specifications [chemical, physical and microbiological] that were developed" for the Apollo program. "The contract to implement all this went first to Melpar Corp. with Pillsbury as the subcontractor. When costs got ridiculous, the contract was reissued directly to Pillsbury. Dr. Howard Bauman [a microbiologist] and director of research led the Pillsbury team that reduced the requirements to the practice subsequently labeled HACCP. Pillsbury had been one of the subcontractors [for bakery-type items] in Project Gemini, so they already had some experience with some of the specifications."

Thank you, Dr. Lachance, for setting me straight on the history of HACCP.