

# PATRICIO CARVAJAL-RONDANELLI

## Now:

Prof at the School of Food Eng,  
Pontifical Catholic University of  
Valparaiso, Chile



Patricio Carvajal-Rondanelli is a faculty member of the School of Food Engineering at the Pontifical Catholic University of Valparaiso, Chile. He started working as a professor in 2006 after he finished his work as a research assistant at North Carolina State University in the Food Science Department working for Dr. Tyre Lanier. He worked for more than 10 years in the area of protein stability in surimi and protease inhibition in the fish muscle cell. In Chile, he continues performing research on peptide structure and functionality related to antifreeze, antimicrobial and antihypertensive action. He is also a consultant for government Chilean affairs and FAO and Vice-president of ILSI-South Andean.

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## Then:

M.S in Food Science, 1994-1997  
North Carolina State University



Patricio pursued his Masters in Food Science at the Food Science Department of North Carolina State University working on surimi protein stability over long periods and the cryoprotective effect of maltodextrins and sugars under the supervision of Dr. Tyre Lanier. Thesis Title: CRYOPROTECTIVE MECHANISM AND METHODS FOR INTACT SEAFOOD MUSCLE.

*Ph.D* Food Science, 1998-2001/2005  
North Carolina State University



Patricio continued working at the Food Science Department of North Carolina State University in the *Ph.D* program with Dr. Tyre Lanier. His research was based on the translational diffusion of enzyme inhibitors into the fish muscle cell with the objective to minimize proteolytic activity and meat softening. Thesis title: DIFFUSION OF PROTEASE INHIBITORS IN THE MUSCLE CELL.