

# Curriculum vitae

## PERSONAL INFORMATION

Family name, First name:	Chinga Carrasco, Gary
Nationality:	Chilean

## HIGHER EDUCATION/OTHER TRAINING

	Subjects/degree/	Name of institution, country
2017	Innovation management and commercialization of R&D	Course arranged by NHH Norwegian School of Economics and the Research Council of Norway, 4 sessions in Norway and 1 week in Palo Alto/Silicon Valley/Stanford Faculty Club, Stanford University.
2002	Chemical engineering Dr ing.: Disputation date: 29.04.2002	Norwegian Univ. of Science and Technology (NTNU), Norway
1997	Cell biology Cand. Scient. (Master of Science)	Norwegian Univ. of Science and Technology (NTNU), Norway
1995	Cand. Mag. Biology and education in computer science	Norwegian Univ. of Science and Technology (NTNU), Norway

## POSITIONS

Year	Job title – Employer - Country
2013-	<i>Lead scientist – Biocomposites area, (RISE PFI)</i>
2008-	<i>Senior research scientist, PFI</i>
2004-2007	<i>Research scientist, PFI</i>
2002-2003	<i>Post doc/Research scientist, PFI/NTNU</i>
1995-1998	<i>Project engagement: Plantebiosenteret, NTNU, Department of Botany, NTNU, Department of Physics, NTNU</i>

## PROJECT MANAGEMENT EXPERIENCE (during the last 8 years)

Year	Project owner - Project - Role - Funder
2021-2022	<b>BioComp</b> , Coordinator at RISE PFI. Biocomposite production. Alloc AS is the project owner. Cooperation with 2 major Norwegian industrial partners; Plasto and Norske Skog Saugbrugs. Innovation-driven project. Total budget: approx. 1.3 million Euros.
2020-2023	<b>OxyPol</b> , Coordinator at RISE PFI. Oxygenated bioPolymers for biomedical applications. BIA – Innovation-driven project. Total budget: approx. 2.4 million Euros
2018-2021	<b>ALLOC</b> , Coordinator at RISE PFI. Development of novel biocomposites for flooring and wall products. Alloc AS is the project owner. Cooperation with 4 major industrial partners and 2 R&D partners in Norway and Finland. BIA – Innovation-driven project. Total budget: approx. 3.7 million Euros
2018-2021	<b>SPAREC</b> , Coordinator for the Norwegian contribution. Sustainable Processing of Agrofood Residues to Elicitors and Chemicals. Responsible for development of 3D printing technology of porous structures with controlled release. SUSFOOD funding. Total project budget: 1.8 M Euros
2018-2019	<b>MedIn</b> , Coordinator: New functionalized medical devices for surgical interventions in the pelvic cavity. MANUNET funding. Total project budget: 0.7 million Euros.
2017-2019	<b>ValBio-3D</b> , Initiator and Coordinator for the Norwegian contribution. Responsible for development of 3D printing technology. Cooperation with 8 partners from Europe and South-America. ERANET-LAC funding. Total project budget: 1.1 million Euros
2015-2018	<b>FiberComp</b> , Coordinator. Development of biocomposites for the construction, infrastructure and automotive industry in Norway. Norske Skog Saugbrugs is project owner, and has an active participation of 4 additional companies from the extrusion and injection molding industry. BIA – Innovation-driven project. Total budget: approx. 1.7 million Euros.
2013-2017	<b>ElefantGolv</b> , Coordinator at PFI. Development of novel flooring products. Alloc AS was project owner. BIA project. Total budget: approx. 2.7 million Euros.
2012-2016	<b>NanoHeal</b> , Coordinator. Bio-compatible cellulose nanostructures for advanced wound healing applications. Researcher project grant. Nano2021 program. Budget 1.0 million Euros, 6 partners from 3 countries within nanomedicine, microbiology and nanocellulose.

## EXPERIENCE FROM NATIONAL/INTERNATIONAL COLLABORATION/NETWORKING (if applicable)

Year	Description - Role
2019-	Management Committee - COST Action CA18125, Advanced Engineering and Research of aeroGels for Environment and Life Sciences
2018-2019	Management Committee substitute of COST Action CA17128 - Establishment of a Pan European Network on the Sustainable Valorisation of Lignin

2015-2017	Norwegian representative in the management committee (MC) of the COST action FP1405 Active and intelligent fibre-based packaging - innovation and market introduction (ActInPak).
2014-2016	Norwegian representative in the management committee (MC) of the COST action FP1105. The scope of the actions covers the understanding of wood cell wall structure, new material innovation and intelligent bio-based systems
2014	Appointed responsible for establishing the Biocomposite area at RISE PFI. During this period, I have consolidated the group, created new projects, established the 3D printing lab and established a considerable network of cooperating partners within the areas of 3D printing, nanocellulose and biocomposite research.
	<b>Reviewer</b> for e.g.: Carbohydrate polymers, Acta Biomaterialia, ACS sust. Chem. & Eng., Applied Materials and Interfaces, Biomacromolecules, Composites Part A, Composites Part B, ACS Applied Bio materials.  See: <a href="https://publons.com/researcher/1192546/gary-chinga-carrasco/">https://publons.com/researcher/1192546/gary-chinga-carrasco/</a>
2017-	Member of the BIOTEK working group, Trondheim, Norway
2018-	Member of the Editorial board of Bioengineering
2020-	Member of the Editorial board of Journal of Bioresources and Bioproducts (Elsevier)
2021-	Associate editor - Bioengineering (MDPI)
2002-	Since 2002 I have contributed to the work of 30+ national and international MSc/Post docs/PhD candidates. This is shown by my collaborative scientific publications.

## OTHER MERITS RELEVANT TO THE PROJECT

### Publications

The total number of publications during the career: I have produced 1 book, 7 critical reviews, 110+ peer reviewed publications, 100+ conference contributions and invited talks, 6 book chapters. H-index 31/35 (ISI/ResearchGate). Some of the last publications are listed here.

For a complete list including peer-reviewed publications and conference contributions see:

<http://www.gcsca.net/Publications.html>

**AWARD:** One of two recipients of the Treforedlingsprisen 2018. Award from the Norwegian wood processing association and recognition for nanocellulose research in Norway