

# Curriculum Vitae

2016

Souza Junior

## **Presentation**

**Name:** José de Souza Junior  
**Address:** Rua José Hipólito, 1177, Fortaleza, CE  
**Country:** Brazil  
**Cell phone:** + 55 85 986818379  
**E-mail:** jr\_pescaufc@yahoo.com.br  
**Skype:** junior\_pepmar

## **Personal Information**

**Date of Birth:** 28/02/1987  
**Place of Birth:** Ceará - Brazil  
**Gender:** Male

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## **Academic Qualifications**

**Jun/2015 – Current**      **MBA in Project Management.** Polytechnic School of Rio de Janeiro (Brazil).

**Principal subjects:**

Project management, risk management, strategic planning and risk analysis, stakeholder management, leadership, time management, human resource management, quality management, Balanced Score Card.

**Fev/2014 – Current**      **MSc. In Fishing Engineering.** Federal University of Ceara (Brazil).

**Thesis:** “Use microchips for marking sea cucumbers of espécies *Holothuria grisea* (Echinodermata: Holothuroidea).” (Supervisor: Helena Mattewes-Cascon).

**Principal subjects:**

Aquaculture, biotechnology, aquaculture engineering, marine aquaculture, animal behavior,

pharmaceutical Technologies, aquatic production  
technics, aquaculture nutrition, live food production,  
hatchery, biochemistry.

**Jan/2005 – Nov/2014** **BSc. in Fisheries Engineering.** Federal University  
of Ceara (Brazil).

**Thesis:** “Larvae culture of sea cucumbers of  
espécies *Holothuria grisea* (Echinodermata:  
Holothuroidea).” (Supervisor: Wladimir Ronald Lobo  
Farias).

**Principal subjects:**

Aquaculture, biotechnology, aquaculture engineering,  
marine aquaculture, animal behavior,  
pharmaceutical Technologies, aquatic production  
technics, aquaculture nutrition, live food production,  
hatchery, recirculation aquatic systems, fish,  
administration, marine biology, marine ecology,  
oceanography, buildings for aquaculture

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**Earlier experience**

**Jan/2016 - Current** **Federa University of Ceará – Fish engineering**  
department

**Position:** Research assistance

**Responsibilities**

Coordination and research management, purchase  
of materials, orientation of students, research  
development, contact with partners, conducting  
partner, strategic planning, design development for  
aquaculture, reporting, writing articles, conducting  
presentations for stakeholders, human resource  
manager

**Mai/2010 – Dez/2015** **Laboratory Cristália Chemicals and**  
**Pharmaceuticals LTD - Research and Innovation.**  
Department

**Position:** Full Researcher

**Responsibilities**

Team coordination with twenty researchers, planning and follow-up surveys, reporting, project management, development of partnerships, development studies in aquaculture, ranging from hatchery processes to fattening, extraction of bioactive molecules, economic studies, strategic planning, equipment maintenance, purchase of equipment, cost management, risk management.

### Main achievements

Development of the reproductive cycle of a sea cucumber in captivity in just two years, the development of anesthesia protocols for sea cucumbers. industry approach, university and community through projects. Development of four research projects in aquaculture fomented by the government. Implementation of project management systems in public university of increasing research productivity.

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### Spoken Languages

Mother tongue: **Portuguese**

Other languages

|                | Understanding   |                 | Speaking           |                   | Writing          |
|----------------|-----------------|-----------------|--------------------|-------------------|------------------|
|                | Listening       | Reading         | Spoken interaction | Spoken production |                  |
| <b>English</b> | Proficient user | Proficient user | Independent user   | Independent user  | Proficient user  |
| <b>Spanish</b> | Proficient user | Proficient user | Independent user   | Independent user  | Independent user |

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### Computer skills

- Microsoft Office - Excellent knowledge of Word, Excel, Power Point
- Microsoft Project - Excellent knowledge
- OpenProject - Excellent knowledge
- Bizzagi - Excellent knowledge

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### Experiences outside Brazil

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| Mexico     | 2016 | Conference of FAO on equinoderms and technical visit to algae cultivation systems, hatcheries of fish and equinoderms and multitrophic aquaculture systems |
| EUA        | 2015 | North American Conference of aquaculture, visit the fish farming systems, crustaceans, algae, water recirculation systems and multitrophic systems.        |
| EUA        | 2014 | North American Conference equinoderms, presenting an oral work   |
| Madagascar | 2013 | Visit to algae cultivation systems, corals and sea cucumbers   |
| Patagonia  | 2011 | International Conference on echinoderms. Presentation of 8 scientific papers   |

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### Additional Skills

#### Driving License

- Category B

#### Other skills and competences

- General knowledge on maintenance of water bombs, ultra-violets, filters, small arrangements in fiber glass and pvc.
- General Knowledge in building recirculation aquaculture systems.
- Development of new designs for aquaculture.
- Team motivation
- Good communication

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### Publications in peer review journals

Leite-Castro, L.V.; **Junior, J.S.**; Salmito-Vanderley, C.S.B.; Nunes, J.F.; Hamel, J.F.; Mercier, A. Reproductive biology of the sea cucumber *Holothuria grisea* in Brazil: importance of social and environmental factors in breeding coordination. *Marine Biology*, v. 163. p. 67-80, 2016.

SABOYA, J. P. S.; ARAUJO, G. S.; SILVA, J. W. A.; **Junior, J.S.**; MACIEL, R. L.; FARIAS, W. R. L.; FARIAS, W. R. L. Efeito dos polissacarídeos sulfatados da rodofíceia *Kappaphycus alvarezii* em pós-larvas de tilápia do Nilo (*Oreochromis niloticus*) submetidas a situações de estresse. *Acta Scientiarum. Animal Sciences*, v. 34, p. 215-221, 2012.

Paula cristina Walger de Camargo Lima; Valeska Martins Torres; **Junior, J.S.**; José Arievilo Gurgel Rodrigues; Wladimir Ronald Lobo Farias. Efeito de polissacarídeos sulfatados de algas marinhas vermelhas em pós-larva do camarão *Litopenaeus vannamei*, submetidas ao teste de estresse salino. *Arquivos de Ciências do Mar*, v. 43, p. 58-62, 2010.

José Arievilo Gurgel Rodrigues; **Junior, J.S.**; Jullyermes Araújo Lourenço; Paula cristina Walger de Camargo Lima; Wladimir Ronald Lobo Farias. Cultivo de camarões tratados com polissacarídeos sulfatados da rodofícia *Haymenia pseudofloresia* mediante uma estratégia profilática. *Revista Ciência Agronômica*, v. 40, p. 71-78, 2009.

Paula cristina Walger de Camargo Lima; Valeska Martins Torres; José Arievilo Gurgel Rodrigues; **Junior, J.S.**; Wladimir Ronald Lobo Farias. Efeito dos polissacarídeos sulfatados da alga marinha parda *Spatoglossum schroderi* em juvenis de *Liptonaeus vannamei*. *Revista Ciência Agronômica*, v. 40, p. 79-85, 2009.

Nayana Moura da Rocha; **Junior, J.S.**; Wladimir Ronald Lobo Farias. Reutilização de água em um sistema integrado com camarões, sedimentação, ostras e macroalgas marinhas. *Revista Ciência Agronômica*, v. 39, p. 540-547, 2008.

José Arievilo Gurgel Rodrigues; **Junior, J.S.**; Perla Lorena Moreira; Jullyermes Araújo Lourenço; Paula cristina Walger de Camargo Lima; Valeska Martins Torres; Grazielle da Costa Pontes; Wladimir Ronald Lobo Farias. Avaliação dos efeitos da imersão de pós-larvas do camarão *Litopenaeus vannamei*. *Revista Brasileira de Engenharia de Pesca*, v. 3, p. 80, 2008.

### **Submitted publications in 2016 for peer review journals**

Leite-Castro, L.V.; Junior, J.S.; Salmito-Vanderley, C.S.B.; Spawning, larval development, juvenile growth and day-night cycle of the commercial sea cucumber *Holothuria grisea*. *Aquaculture resource*.

Junior, J.S; Melo Coe, C. Hamel, J.F.; Mercier, A. Sea cucumber fisheries in Northeast Brazil. *Bulletin Beche de mer*  
Florêncio, P., Junior, J.S., Lobo Farias, W.R. Effect of supplementation *Arthrospira platensis* on the parameters of hybrid haematological tambatinga (*Colossoma macropomum* x *Piaractus brachypomus*). *Fish and Shellfish immunology*.

Marques, D., Junior, J.S., Lobo Farias, W.R. Development larval, growth and survival of sea cucumber *Holothuria grisea* : power with different microalgae. *Aquaculture resource*

**Participation in events**

- Out/2005 XIV Congresso Brasileiro de Engenharia de Pesca
- Mar/2006 III Simpósio Internacional sobre a Indústria do Camarão
- Jun/2007 IV Simpósio internacional sobre o cultivo de camarão
- Jun/2007 I Simpósio Internacional de Aquicultura
- Jul/2007 I Seminário norte/nordeste de aquicultura
- Dez/2007 Workshop de Biotecnologia
- Jul/2008 XII Congresso Brasileiro de Ficologia
- Jun/2009 XIII Seminário Nordestino de Pecuária
- Out/2009 XVI Congresso Brasileiro de Engenharia de Pesca
- Jun/2011 World Aquaculture Society
- Out/2011 XIV Congresso Latino Americano de Ciências do Mar
- Nov/2011 1º Congresso Latino Americano de Equinodermatas
- Jun/2014 7º Conferência Norte Americana de Equinodermas
- Jun/2015 XIX Seminário Nordestino de Pecuária
- Set/2015 Seminário Internacional sobre Manejo e aproveitamento sustentável de pepinos do mar
- Out/2015 XIX Congresso Brasileiro de Engenharia de Pesca