

Peers lab

September 14, 2018

1 New opportunities on their homepage

We have recently received two grants from the Department of Energy. The first grant will permit us to **investigate and manipulate the photophysiology of *Desmodesmus*** in mass culture. This is a 3 year project funded by Bioenergy Technologies Office.

The second grant is to continue our work on the marine diatom ***Phaeodactylum***. This will entail **gene discovery efforts to uncover new players in photosynthetic acclimation and efficiency**.

We also will work on **biocontainment** tools to prevent the spread of GMO algae. This work is supported by Biological and Environmental Research Program for 5 years.

If either of these projects appear interesting to you, then please reach out to Graham (graham.peers@colostate.edu) with your CV and a summary of your research interests and accomplishments.

2 First draft email

Dear Dr. Peers,

On your lab's homepage I saw that you were looking to fill positions at the molecular biology technician level. Since the entry seems to be from November 2017 I would like to inquire as to whether this is still going on? I already have some experience in engineering and analyzing *Synechocystis* sp. PCC 6803, *Phaeodactylum tricornutum* and *Nannochloropsis* and I would be thrilled to come back to studying photosynthetic organisms. Please find attached my CV with a summary of my research interests and accomplishments.

As a brief background: For my B.Sc. thesis in Biology at the University of Marburg, Germany, I worked with *P. tricornutum* and *N. oceanica* before continuing to study *Synechocystis* for my M.Sc. thesis in Biology at the University

of Freiburg, Germany. During my M.Sc. I also participated in a team to develop an affordable diagnostic tool for the international Genetically Engineered Machine (iGEM) competition. After my M.Sc. I joined Europe's flagship laboratory for the life sciences (EMBL) in Rome, Italy, where I work as a Technical Officer in the Genetic and Viral Engineering Facility.

Thank you very much for your time and consideration, I look forward to hearing from you soon and will be following up next week to see if you have any questions concerning my qualifications.

Sincerely,

Rabea Jesser