

# Peebles lab

November 8, 2018

## 1 Their focus

*info on CU homepage*

*his database on diatom species*

I am interested in the taxonomy, systematics and evolution of the diatoms. I also study biogeography, as well as applications of diatoms, such as water quality monitoring and biofuels. My current research is focused on freshwater diatoms of China, India, Russia as well as western North America. The development of internet-based research tools for diatom research is also one of my interests.

## 2 First draft email

Dear Dr. Kociolek,

Having seen a glimpse of your contributions to diatom research I am curious to know whether you are or will be looking for a research technician/assistant or something similar in the near future? I hope to contribute to your efforts with my experience in modifying and analyzing *P. tricornutum* and *N. oceanica*, my data management skills and eagerness to learn.

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* sp. PCC6803 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.

Please find attached my CV with a summary of my research interests and accomplishments, I am happy to send a cover letter with more information upon request. 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