

**YOUNES ADAM TABI**  
**Physician, B.Sc.**

DPhil Student, Nuffield Department of Clinical Neurosciences,  
University of Oxford/United Kingdom

<http://www.younestab.com>

**PROFILE**

After finishing my double degree in Medicine and M.Sc. Psychology, I'm looking forward to use and enhance my previous research experience in the field of Clinical Neuroscience while doing my DPhil at the University of Oxford. After successfully studying two subjects at the same time in combination with hands-on research experience, my long-term goal is to work as a Neurologist and Neuroscientist to bridge between Theory and Practice and offer patients the best possible treatment.

**EDUCATION**

**DPhil in Clinical Neurosciences** **2017-present**  
*Nuffield Department of Clinical Neurosciences, University of Oxford/UK*

**Human Medicine** **2011-2017**  
*Otto-von-Guericke University, Magdeburg/Germany*  
Grade obtained: Licence to Practice Medicine ("Approbation")

**M.Sc. Psychology** **2015-present**  
*Fernuniversität in Hagen, Hagen/Germany*  
Empirical Thesis: 'Interference of probe, distractors and target in working memory experiments: Do we need another way of testing working memory?'; thesis mark: to be received; overall mark: to be received

**B.Sc. Psychology** **2012-2015**  
*Fernuniversität in Hagen, Hagen/Germany*  
Empirical Thesis: 'Prestimulus alpha oscillations in patients suffering from optic nerve damage'; thesis mark: 1.3<sup>1</sup>; overall mark: 2.5<sup>1</sup>

**Max-Planck-Gymnasium, Kiel/Germany (grammar school)** **2002-2011**  
Abitur: 1.1<sup>1</sup>, best in his graduation class

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<sup>1</sup> The World Education Services is a non-profit education intelligence organization that provides grade conversion tables for a number of different countries using the grade scales' definitions and distributions. The average grade in Germany is approximately around 3.0 and the WES table converts a 3.0 to a B/C equivalent in the UK (source: <http://www.wes.org/gradeconversionguide/>). According to this 1.1 corresponds to an A\*, 1.3 to an A and 2.5 to an A/B to B.

**DPhil in Clinical Neurosciences**  
**Nuffield Department of Clinical Neuroscience, University of**  
**Oxford/United Kingdom**

2017 - present

Most studies of Alzheimer's disease (AD) have focused on long-term episodic memory. However recent studies found that also misbinding of information is more likely to be found in familial Alzheimer's disease, even in pre-symptomatic individuals.

These findings suggest the existence of Alzheimer markers that might prepone diagnosis to an early, even pre-symptomatic, stage. This project aims to investigate the presence of misbinding in Mild and Subjective Cognitive Impairment, ApoE  $\epsilon$ 4 positive individuals and in healthy individuals and meanwhile tries to understand the structural, resting state functional or diffusion weighted imaging correlates of brain changes underlying rapid forgetting.

The knowledge of how AD changes functioning of short-term memory could help create a set of behavioural experiments which can prepone the diagnosis to a pre-symptomatic stage.

**Internship with Prof. Masud Husain,**  
**Nuffield Department of Clinical Neuroscience, University of**  
**Oxford/United Kingdom**

08-09/2015

As part of a project on the mechanisms of working memory recall, I designed and conducted a total number of six experiments on probe type dependant performance. I tested a total number of nearly 100 subjects under the supervision of Prof. Masud Husain and Dr. Sanjay Manohar. I completed data collection in Magdeburg/Germany and I'll write my M.Sc. Psychology thesis about the results.

**Researcher at the Institute of Medical Psychology,**  
**Otto-von-Guericke-University Magdeburg/Germany:**

- **Doctoral Student** 2016-present  
(Dr. med.)<sup>2</sup>
- **Research Assistant** 2015-2016  
("Wissenschaftliche Hilfskraft")
- **Student Assistant** 2013-2015  
("Studentische Hilfskraft")

Design of VEP experiments; Investigation of EEG measures that predict visual perception in healthy subjects and visually impaired patients; Data acquisition and data management; Introduction of new PhD students to EEG measures

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<sup>2</sup> The academic degree Doctor of Medicine (Dr. med.) is a German postgraduate research degree in medicine which is awarded if the graduate has successfully completed a scientific study and in addition a dissertation. It is admissible to perform the thesis during studies at medical school but medical students are only allowed to finish their dissertation process after completing their studies.

## RELEVANT SKILLS, RESEARCH SKILLS & COURSES

Daily use of Matlab, EEGLab, Microsoft Office

Advanced user of SPSS, Psychtoolbox, Linux, Brainstorm, Netstation EEG, Geodesic EEG, neuroConn stimulation software

Coding Psychtoolbox scripts for stimulus presentation, subject recruitment, conduction of experiments

EEG recording (VEP, resting state), pre-processing, spectral analysis, network analysis, source localisation

Completion of courses “Introduction to Educational Sciences” and “Education and Society” of the B.A. Educational Sciences at Fernuniversität in Hagen/Germany, which together with the B.Sc. Psychology authorise for studying the M.A. eEducation

German (native), English (TOEFL: 112), French (scored 14 of 15 possible points in the oral Abitur-examination), Latin (advanced Latin Proficiency Certificate)

## INTERNSHIPS

### *Final Year Rotations (“Praktisches Jahr”)*

#### **Surgery Department**

Community Hospital Itzehoe, Itzehoe/Germany

07/2017-10/2017

#### **Neurology Department (elective subject)**

Community Hospital Neumünster, Neumünster/Germany

03/2017-07/2017

#### **Department of Internal Medicine**

Community Hospital Wernigerode, Wernigerode/Germany

11/2016-03/2017

### *Clinical Electives (“Famulatur”)*

#### **Psychiatry Department**

Friedrich-Ebert-Hospital, Neumünster/Germany

03/2016

#### **Cardiology Department**

Community Hospital Kiel, Kiel/Germany

03/2015

#### **Neurology Department**

Christian-Albrecht-University Kiel/Germany

08/2014-09/2014

### *Nursing Placements (“Krankenpflegepraktikum“)*

#### **Orthorhinolaryngology Department**

Christian-Albrecht-University Kiel/Germany

02/2013-03/2013

#### **Neurosurgery Department**

Christian-Albrecht-University Kiel/Germany

08/2012-09/2012

## TEACHING EXPERIENCE

### *Tutor*

**Institute for Medical Psychology**

**Otto-von-Guericke-University, Magdeburg/Germany**

2017

Delivering practical and tutorial sessions for courses in 'Visual Perception' for medical students

Responsible for prior-assessment of curriculum, development of suitable resources in collaboration with other tutors and lecturers, organisation and delivery of sessions and marking of course work

### *Tutor*

**Medical Faculty**

**Otto-von-Guericke-University, Magdeburg/Germany**

2014-2015

Delivering practical and tutorial sessions for courses in Anatomy, Histology, Microanatomy and Biology

## EXTRACURRICULAR ACTIVITIES

**'Nightline': Crisis helpline for students**

**Otto-von-Guericke-University Magdeburg/Germany;**

volunteer, counselor

2014-present

**Child Protection Agency, Crisis helpline for children**

**Kiel/Germany**

volunteer, counselor, public relations

2008-2011

**School Magazine**

**Max-Planck-Gymnasium Kiel/Germany**

volunteer, Deskman, Chief Editor

2006-2011

**School Paramedic Team**

**Max-Planck-Gymnasium Kiel/Germany**

volunteer

2005-2007

## AWARD

Award for the pupil with the best results in Chemistry classes in their final year by the German Society for Chemistry

2011

## MEMBERSHIP OF PROFESSIONAL SOCIETIES

Federation of European Neuroscience Societies	2017-present
British Neuroscience Association	2017-present
German Psychological Society	2016-present
German Society for Neurology	2016-present
German Society for Chemistry	2011-2017

## REFEREES

Available on request.

## ANTICIPATED PUBLICATIONS

Y.A. Tabi, M. Bola, C. Gall, B.A. Sabel: *Certainty of Uncertainty: Identifying predictors for visual perception in the visually impaired.* Current status: written, minor corrections before submission

R. Alber\*, Y.A. Tabi\*, B.A. Sabel: *Recovery of visual perception in subacute stroke with and without tDCS treatment.* Current status: written, minor corrections before submission

Y.A. Tabi, D. Breuer, A.-L Kirschbaum, K. Sonnberger, H. Wellen, F. Dömges, J. Apolinário-Hagen: *A closer look at Trait Mindfulness, Emotion Dysregulation, and Quality of Life in Multiple Sclerosis.* Current status: a students' project which will be complemented by clinical paper-pencil data in order to be published; data collection for the clinical part is still in progress; title and order of authors still to be discussed

\* Authors conducted equally to the work and therefore intend to declare shared first authorship for the publication.

## CONFERENCES

### *Peer-Reviewed Posters*

D.-B. Breuer, A.-L. Kirschbaum, Y.A. Tabi, K. Sonnberger, H. Wellen, J. Apollinário-Hagen (08/2017): Coping strategies, trait mindfulness and quality of life in multiple sclerosis – does fatigue matter? 31st Conference of the EHPS 2017 (Padova/Italy)

Y. Tabi, B.A. Sabel (03/2017): *Certainty of uncertainty: Prestimulus prediction of perception in the damaged visual system.* International Conference of Psychological Science (Vienna/Austria).

Y. Tabi, R. Alber, H. Moser, C. Gall, M. Dannheimer, B.A. Sabel (03/2017): *Recovery from vision loss in subacute stroke following tDCS treatment.* Twelfth Göttingen Meeting of the German Neuroscience Society 2017 (Göttingen/Germany).

### *Accepted Poster and Accepted Oral Presentation*

Y. Tabi, B.A. Sabel (02/2017): *Pre-stimulus brain state: A possible key to vision restoration?* 1<sup>st</sup> Human Brain Project Student Conference (Vienna/Austria).