

# ***CURRICULUM VITAE***

## **PERSONAL DATA**

Name	Johanna Seitz
Date and Place of birth	02.07.1990, Munich
Citizenship	German
Address	Forellenstrasse 1 82266 Inning, Germany
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## **Current position**

03/2019-	<b>Psychiatry Neuroimaging Laboratory, Harvard Medical School, Boston USA</b> Postdoctoral research fellower
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## **EDUCATION**

09/2014-	<b>Ludwig-Maximilians-Universität, Child and adolescent psychiatry, Munich Germany</b> Ph.D. candidate, currently under review Topic: Using diffusion imaging to explore the anatomic nature of early course schizophrenia Supervisors: Prof. Inga Koerte, Prof. Marek Kubicki
11/2011-01/20119	<b>Technische Universität, Munich Germany</b> Human medical student First examination grade: 1.50 Averaged clinical grade: 1.42 Second examination grade: 2 Third examination grade: 1
10/2009-10/2012	<b>Ludwig-Maximilians-Universität, Munich Germany</b> Psychology (B.Sc.) Final grade: 1.11, top student of the class 2012 Focus on clinical psychology, clinical neuroscience and psychopathology Bachelor thesis: The influence of salience and expectation on the disengagement of attention Supervisors: Prof. Michael Zehetleitner, Dr. Isabel Koch
09/2000-06/2009	<b>Christoph Probst Gymnasium, Gilching Germany</b> High school Final grade: 1.0, top student of the class 2009

## CLINICAL EXPERIENCE

- 07/2018-10/2019      **Krankenhaus Landshut- Achdorf**, Landshut Germany  
Practical year rotation  
16 weeks of surgery  
(visceral surgery, trauma surgery, emergency medicine, vascular surgery)
- 05/2018- 07/2018      **Technische Universität**, Munich Germany  
Practical year rotation  
Eight weeks psychiatry
- 03/ 2018- 05/2018      **Universitäre Psychiatrische Dienste**, Bern Switzerland  
Practical year rotation  
Eight weeks acute psychiatry
- 11/2017-03/2018      **Klinikum Bogenhausen**, Munich Germanys  
Practical year rotation  
Eight weeks pulmonology and pulmo-oncology  
Eight weeks gastroenterology, hepatology and gastro-oncology
- 09/2016-10/2016      **Praxis Dr. Nowak**, Munich Germany  
Internship in neurology, outpatient health care
- 03/2016-04/2016      **Ludwig-Maximilians-Universität**, Munich Germany  
Internship in the department of psychiatry
- 02/2016-03/2016      **Praxis Dr. Huber**, Herrsching Germany  
Internship with a general practitioner
- 03/2014-02/2014      **Maria Heimsuchung Caritas Klinik Pankow**, Berlin Germany  
Internship in the department of anesthesia, intensive care and emergency medicine
- 02/2013-03/2013      **Chirurgische Klinik**, Seefeld Germany  
Nursing internship, surgery
- 08/2012-09/2012      **Privatklinik Dr. R. Schindelbeck**, Herrsching Germany  
Nursing internship, internal medicine
- 03/2011-05/2011      **Ludwig-Maximilians-Universität**, Munich Germany  
Internship in the department of forensic psychiatry

## RESEARCH EXPERIENCE

- 08/2016-12/2016      **Technische Universität, Munich Germany**  
Research assistant in the group of Dr. Christian Sorg  
(neuroimaging)
- 09/2014-09/2015      **Psychiatry Neuroimaging Laboratory, Harvard Medical School, Boston USA**  
Research trainee
- 06/2010-09/2011      **Ludwig-Maximilians-Universität, Munich Germany**  
Research assistant in the group of Prof. Michael Zehetleitner  
(cognitive psychology)

## HONORS AND AWARDS

- 03/2019-                **MOMENTE, Ludwig-Maximilians-Universität, Munich**  
Rewarded to excellent junior researches
- 09/2016                **Winner section neuroscience, 27<sup>th</sup> European Students` Conference, Berlin**
- 04/2016                **Travel Award, 5<sup>th</sup> Biennial Schizophrenia International Research Society Conference, Florence**
- 08/2011-10/2012      **Max Weber Program, Elite Network of Bavaria Scholarship**
- 10/2009-10/2012      **Ludwig-Maximilians-Universität, Munich Scholarship**
- 08/2008                **Deutsche Schülerakademie**  
Summer course for pupil with outstanding achievements

## **PUBLICATIONS**

### **Original Articles**

1. **Seitz J**, Kubicki M, Jacobs E, Cherkezian S, Weiss B, Papadimitriou G, Mouradian P, Buka S, Makris N, Goldstein J: **Impact of Sex and Reproductive Status on Memory Circuitry Structure and Function using Structural Covariance Analysis** (Human Brain Mapping, 2019)
2. Lyall A, Savadjiev P, del Re EC, **Seitz J**, O'Donnell LJ, Seidman LJ, Goldstein J, Meshulam-Gately RI, Petryshen T, Wojcik J, Nestor P, Niznikiewicz M, McCarley RW, Shenton ME, Kubicki M: **Utilizing Mutual Information Analysis to Explore the Relationship Between Gray and White Matter Structural Pathologies in Schizophrenia** (Schizophrenia Bulletin, 2018)
3. **Seitz J**, Rathi Y, Lyall A, Pasternak O, del Re EC, Niznikiewicz M, Nestor P, Seidman LJ, Petryshen T L, Meshulam-Gately RI, Wojcik J, McCarley RW, Shenton M, Koerte I, Kubicki M: **Alterations of gray matter microstructure in schizophrenia** (Brain Imaging and Behavior, 2017)
4. **Seitz J**, Lyall A, Kanayama G, Makris N, Hudson JI, Kubicki M, Pope Jr HG, Kaufman MJ: **White matter abnormalities in long-term anabolic-androgenic steroid users: A pilot study** (Psychiatry Research, 2016)
5. **Seitz J**, Sawyer KS, Ruiz SM, Papadimitriou G, Ng I, Kubicki A, Mouradian P, Oscar Berman M, Kubicki M, Harris GJ, Makris N: **Alcoholism and Sexual Dimorphism in the middle longitudinal fascicle: a pilot study** (Brain Imaging and Behavior, 2016)
6. **Seitz J**, Zuo JX, Lyall A, Makris N, Kikinis Z, Bouix S, Ofer P, Fredman E, Duskin J, Niznikiewicz M, Nestor P, Seidman LJ, Goldstein JM, Petryshen TL, Meshulam-Gately R, Wojcik J, McCarley RW, Shenton M, Koerte I, Kubicki M: **Tractography analysis of 5 white matter bundles and their clinical and cognitive correlates in early-course schizophrenia** (Schizophrenia Bulletin, 2016)

### **Book chapters**

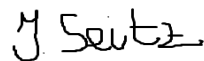
1. Lyall A, **Seitz J**, Kubicki M: **Structural connectivity in Psychosis** (Dimensions of Psychosis, in press)

### **Presentations and Posters**

1. Berndt M, Bäuml J G, **Seitz J**, Menegeaux A, Baumann N, Avram M, Bratec S M, Breeman L, Zimmer C, Wolke D, Sorg C: **Linking infant regulatory problems, adult behavioral problems, and the allostatic interoceptive system by altered structural connectivity** – Deutsche Gesellschaft für Neuroradiologie, 10/2018, Frankfurt

2. Pasternak O, **Seitz J**, Kubicki M, Seidman L, Bearden C, Cannon T, Shenton M E: **Female specific excessive extracellular free-water in prodromal schizophrenia, Oral presentation-** 16<sup>th</sup> International Congress on Schizophrenia Research, 03/2017, San Diego
3. **Seitz J: Using diffusion imaging to explore the anatomic nature of early course schizophrenia, Skype presentation-** Sechenov First Moscow State Medical University, 12/2016
4. **Seitz J**, Koerte I: **Frühe Mikrostrukturelle Gehirnveränderungen bei Schizophrenie, Oral presentation-** Kinder-, und Jugendpsychiatrie München, 10/2016
5. **Seitz J**, Zuo JX, Lyall A, Makris N, Kikinis Z, Bouix S, Ofer P, Fredman E, Duskin J, Niznikiewicz M, Nestor P, Seidman LJ, Goldstein JM, Petryshen TL, Mesholam-Gately R, Wojcik J, McCarley RW, Shenton M, Koerte I, Kubicki M: **White matter alterations and their clinical correlates in early course schizophrenia, Oral presentation-** 27<sup>th</sup> European Students` Conference, 09/2016, Berlin
6. Kaufman M J, **Seitz J**, Lyall A, Kanayama G, Makris N, Hudson JI, Kubicki M, Pope Jr H G: **Fractional anisotropy increase in long-term anabolic-androgenic steroid users;** 2016 Annual Meeting- The College on Problems of Drug Dependence, 06/2016, Palm Springs
7. **Seitz J**, Rathi Y, Lyall A, Pasternak O, del Re EC, Niznikiewicz M, Nestor P, Seidman LJ, Petryshen T L, Mesholam-Gately RI, Wojcik J, McCarley RW, Shenton M, Koerte I, Kubicki M: **Heterogeneity- a novel way to study microstructural gray matter organization in schizophrenia? Oral presentation-**5<sup>th</sup> Biennial Schizophrenia International Research Society Conference, 04/2016, Florence
8. **Seitz J**, Rathi Y, Lyall A, Pasternak O, del Re EC, Shenton M, Koerte I, Kubicki, M: **Using a novel diffusion magnetic resonance imaging method to investigate microstructural gray matter changes in schizophrenia;** 5<sup>th</sup> European Conference on Schizophrenia Research, 09/2015, Berlin
9. Lyall A, Savadjiev P, del Re EC, **Seitz J**, O`Donnell L, Seidmann LJ, Goldstein J, Mesholam-Gately RI, Petryshen TL, Wojcik J, McCarley RW, Shenton M, Kubicki M: **Utilizing Mutual Information Analysis to Explore the Relationship Between Gray and White Matter Structural Pathologies in Schizophrenia;** 13<sup>th</sup> World Congress of Biological Psychiatry, 06/2015, Athens
10. **Seitz J**, Rathi Y, Lyall A, Pasternak O, Niznikiewicz M, Nestor P, Seidman L J, Goldstein J M, Petryshen T L, Mesholam-Gately R I, Wojcik J, McCarley RW, Shenton M, Koerte I, Kubicki, M: **Heterogeneity- a new diffusion MR method- for examining microstructural gray matter changes in schizophrenia;** VA Research week, 05/2015, Boston

11. **Seitz J**, Rathi Y, Lyall A, Pasternak O, Niznikiewicz M, Nestor P, Seidman L J, Goldstein J M, Petryshen T L, Mesholam-Gately R I, Wojcik J, McCarley R W, Shenton M, Koerte I, Kubicki M: **Using heterogeneity to investigate age related gray matter changes in schizophrenia**; Harvard Psychiatry Research Day, Mysell 04/2015, Boston
12. Newell D, Lyall A, Bouix S, Kikinis Z, Levin-Gleba L, Zhu A, Eckbo R, Pasternak O, **Seitz J**, Seidman L J, Goldstein J M, Mesholam-Gately R I, Petryshen T, Wojcik J, McCarley R W, Shenton M, Kubicki M: **Correction of Distortion of Brain White Matter Images Caused by Echo-planar Imaging**; Harvard Psychiatry Research Day, Mysell 04/2015, Boston



**Boston, 11.06.2019**

**Johanna Seitz**