

## Curriculum Vitae – Basil el Jundi

### WORK ADDRESS

<b>Basil el Jundi</b>	Email: <a href="mailto:basil.el-jundi@uni-wuerzburg.de">basil.el-jundi@uni-wuerzburg.de</a>
University of Wuerzburg	ORCID: <a href="https://orcid.org/0000-0002-4539-6681">0000-0002-4539-6681</a>
Biocenter   Zoology II	Place/Date of Birth: Stuttgart (7 <sup>th</sup> April 1983)
97074 Würzburg – Germany	Nationality: German
Phone: +49 - (0) 931 31 88567	Civil Status: Married, 1 child (2020)

### CURRENT POSITION

since 2017 **Emmy Noether Group Leader**  
University of Wuerzburg | Biocenter | Germany

### ACADEMIC EDUCATION

2015 - 2017 **Research Fellow** - Lund University | Lund Vision Group | Sweden  
 2012 - 2014 **Postdoctoral Fellow** - Lund University | Lund Vision Group | Sweden  
 Host: Prof. Marie Dacke  
 2008 - 2011 **PhD** - University of Marburg | Department of Animal Physiology | Germany  
 Supervisor: Prof. Uwe Homberg  
 2003 - 2008 **Diploma in Biology** – University of Marburg | Germany

### STAYS ABROAD

2018 **Texas A&M University** | College Station | USA - Guest Researcher  
 2014 **Graduate School of Advanced Studies** | Hayama | Japan - Guest Researcher  
 2010 **Marine Biological Laboratory** | Woods Hole | USA – NS&B course

### AWARDS & GRANTS

2020 **Röntgen Award** | Best Young Researcher | University of Wuerzburg | Germany  
 2016 **Emmy Noether Grant** | German Research Council | Germany  
 2016 **Research Starting Grant** | Vetenskapsrådet | Sweden  
 2016 **Postdoc Grant (co-applicant)** | Wenner-Gren Foundation | Sweden  
 2015 **Synchrotron Beam-time** | ESRF Grant | France  
 2015 **Equipment Grant** | Royal Physiographic Society | Sweden  
 2014 **Travel Grant** | Lars-Hiertas Minne Society | Sweden  
 2013 **Travel Grant** | Royal Physiographic Society | Sweden  
 2012 **Young Investigator Award** | International Society for Neuroethology  
 2012 **Postdoc Stipend** | Wenner-Gren Foundation | Sweden  
 2012 **Equipment Grant** | Royal Physiographic Society | Sweden  
 2012 **Poster Prize** | HHMI meeting | Janelia Research Campus | Virginia | USA  
 2011 **PhD thesis with honours** | University of Marburg | Germany  
 2010 **Talk Prize** | Arthropod Neuroscience Meeting | Hamburg | Germany  
 2010 **Travel Grant** | Boehringer Ingelheim Fonds | Germany  
 2010 **Travel Grant** | Marine Biological Laboratory | USA  
 2008 **Award Best Diploma thesis 2008** | Department of Biology | Marburg | Germany

### CURRENT LAB MEMBERS

*Dr. Jerome Beetz (Postdoc) | Myriam Franzke (PhD student) | Tu Anh Thi Nguyen (PhD student) | Christian Kraus (Master student) | 8 Bachelor students*  
**My lab online:** <https://www.insectnavigation.com>

### FORMER LAB MEMBERS

*Dr. Esa-Ville Immonen (Postdoc, 2016-2017) | Dr. Adrian Bell (Postdoc, 2017-2018) | Dr. James J Foster (Postdoc, 2020) | Emad Amini (Master student, 2017-2018) | Milan Becker (Master student, 2019) | 2 Bachelor students (since 2018)*

### ORGANIZED MEETINGS AND SYMPOSIA

2019 **Member of the scientific advisory board** ICIV-Conference | Sweden  
 2019 **Invited discussion chair** at the Gordon Research Seminar | Vermont | USA  
 2019 **Symposium chair** German Neuroscience Conference | Göttingen | Germany  
 2018 **Scientific organizer** JEB symposium on Animal Navigation | Greece  
 2016 **Invited symposium chair** Janelia Research Conference | Ashburn | USA  
 2015 **Symposium organizer** Polarization Vision | Lund | Sweden  
 2014 **Symposium chair** American Physiology Society Conference | San Diego | USA

### SELECTED SPEAKER INVITATIONS (SINCE 2010)

2021 University of Massachusetts Amherst | Biological Seminar | Worcester | USA  
 2021 Illinois State University | Neuroscience Seminar | Illinois | USA  
 2021 University of Bern | Ecological Seminar | Bern | Switzerland  
 2020 University of Bielefeld | Neuroscience Seminar | Bielefeld | Germany  
 2019 Gordon Research Conference on Neuroethology | Mount Snow | USA  
 2019 19<sup>th</sup> French Meeting on Insect Biology | Albi | France  
 2018 Janelia Conference | HHMI Janelia Research Campus | Ashburn | USA  
 2018 Arthropod Neuroscience Conference | Greifswald | Germany  
 2018 International Society for Neuroethology Conference | Brisbane | Australia  
 2017 University of Bristol, Neuroscience Seminar | Bristol | United Kingdom  
 2016 German Zoological Conference | Kiel | Germany  
 2016 Janelia Conference | HHMI Janelia Research Campus | Ashburn | USA  
 2016 University of Agricultural Sciences | Alnarp | Sweden  
 2015 University of Sussex | Neuroscience Seminar | Brighton | United Kingdom  
 2015 Universität Wuerzburg | Biocenter | Germany  
 2015 Janelia Conference | HHMI Janelia Research Campus | Ashburn | USA  
 2015 German Neuroscience Conference | Göttingen | Germany  
 2014 American Physiological Society Conference | San Diego | USA  
 2012 Graduate University for Advanced Studies (Sokendai) | Hayama | Japan  
 2012 International Society for Neuroethology Conference | Maryland | USA  
 2011 Lund University | Biological Departmental Seminar | Lund | Sweden  
 2011 HHMI Janelia Research Campus | Ashburn | USA  
 2010 University of Massachusetts Medical School | Worcester | USA

### COMMISSIONS AS EDITOR FOR JOURNALS

since 2021 **Associate Editor** for the Journal *Frontiers in Insect Science*  
 since 2020 Member of the **Advisory Board** of the *Journal of Comparative Physiology A*  
 since 2019 Member of the **Editorial Board** of the Journal *Current Opinion in Insect Science*  
 since 2019 **Guest Editor** for the *Journal of Experimental Biology* on **Animal Navigation** (2019)  
 and *Current Opinion in Insect Science* on **Neuroecology in Insects** (2020)

### COMMISSIONS AS REFEREE FOR JOURNALS AND FUNDING AGENCIES

I review on average **two manuscripts** per month for international journals (amongst others):  
*Current Biology* | *PLoS Biology* | *Proceedings of the Royal Society B* | *Developmental Biology* | *Animal Behaviour* | *Biology Letters* | *Animal Cognition* | *Journal of Comparative Neurology* | *Journal of Experimental Biology* | *Journal of Neurophysiology* | *Journal of Comparative Physiology A* | *IEEE Transactions on Biomedical Engineering*

I review **grant applications** for the *National Science Foundation*, *Humboldt Foundation* and for *Human Frontiers*.

### ADDITIONAL COMMISSIONS

since 2018 **Elected representative** of the German Zoological Society  
 since 2017 Member of 4 **master thesis committees**  
 since 2017 Member of 6 **PhD thesis committees** (2 as main supervisor)  
 since 2019 External examiner of two **PhD theses**

### MEMBERSHIP IN UNIVERSITY COMMITTEES

since 2017 Authorization to supervise PhD students and to serve on PhD thesis committees

### CURRENT COLLABORATORS

**Emily Baird** (*Stockholm University, Sweden*) | **Gregor Belušič** (*University of Ljubljana, Slovenia*)  
 | **Marcus Byrne** (*University of the Witwatersrand, South Africa*) | **Marie Dacke** (*Lund University, Sweden*) | **David Dreyer** (*Lund University, Sweden*) | **Michael Mangan** (*University of Sheffield, UK*) | **Michiyo Kinoshita** (*University of Soken-dai, Japan*) | **Christine Merlin** (*Texas A&M University, USA*) | **David O'Carroll** (*Lund University, Sweden*) | **Keram Pfeiffer** (*University of Wuerzburg, Germany*) | **Wolfgang Roessler** (*University of Wuerzburg, Germany*) | **Martin Strube-Bloss** (*University of Bielefeld, Germany*) | **Eric Warrant** (*Lund University, Sweden*) | **Barbara Webb** (*University of Edinburgh, UK*) | **Steven Wiederman** (*University of Adelaide, Australia*)

### PROFESSIONAL MEMBERSHIPS

*German Zoological Society (DZG, since 2006)* | *German Neuroscience Society (NWG, since 2008)* | *International Society for Neuroethology (ISN, since 2012)* | *Graduate School for Life Science Würzburg (GSLs, since 2017)* | *Deutscher Hochschulverband (DHV, since 2020)*