

# Curriculum Vitae Dr. Julia Glaum

Dr. Julia Glaum  
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ResearcherID: C-2850-2013

- Since 2015** Marie Curie Postdoctoral Fellow  
Department of Materials Science and Engineering, NTNU, Trondheim, Norway
- 2014 -2015** Lecturer, Postdoctoral Fellow  
School of Materials Science and Engineering, UNSW Australia, Sydney, Australia
- 2011-2013** Associate Lecturer, Postdoctoral Fellow  
School of Materials Science and Engineering, UNSW Australia, Sydney, Australia
- 2008** Research visitor  
Seoul National University, Seoul, South Korea

## Grants and Awards

### **2012**

#### Discovery Early Career Researcher Award (DECRA) - Australian Research Council (ARC)

"Fatigue degradation in lead-free piezoelectric ceramics: the key factor for successful industrial implementation"

#### Early Career Researcher Grant - Faculty of Science, UNSW

"Charge injection and transport characteristics of high performance lead-free piezoceramics"

#### Jovanka-Bontschits Award - Institute of Materials and Earth Science, TU Darmstadt, Germany

### **2013**

#### Discovery Project - Australian Research Council (ARC) with Dr John Daniels

"Electro-mechanics of natural load-bearing materials: Understanding mechanisms of toughening, remodelling, and self-healing"

### **2014**

#### MREII Grant – UNSW Australia with Assoc Prof Jan Seidel, Dr Judy Hart, Assoc Prof Clemens Ulrich and Scientia Prof Martin Green,

"Green Scanning probe microscope upgrade"

### **2015**

#### Marie Curie Fellowship – Horizon 2020 programme

"Active implants: Engineering microstructures of functional ceramics for stimulated bone growth"

## University Education

- 2006-2010** Ph.D. in Materials Science (Dr. rer. nat.)  
Technische Universität Darmstadt, Germany
- 2006** Diploma in Physics (Dipl. phys.)  
Justus-Liebig-Universität, Gießen, Germany
- 1999-2006** Studies in Physics  
Justus-Liebig-Universität, Gießen, Germany  
and Umeå Universitet, Umeå, Sweden