

# MICHAEL G METZEN | PhD

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## EDUCATION

**PhD Biology**  
University of Bonn, Germany  
06/2008 (*magna cum laude*)

**MSc Biology (Univ. Diploma)**  
University of Bonn, Germany  
09/2002

## LANGUAGES

German	native
English	C2
French	B2

## HARD SKILLS

Project Leadership & Coordination

Compliance Management & Reporting

Data Analysis & Computational Neuroscience

Grant & Budget Management

## SOFT SKILLS

Interdisciplinary Communication

Troubleshooting & Problem Solving

Documentation & Process Improvement

Bilingual Adaptability

## SUMMARY

PhD biologist specialized in computational neuroscience and behavioral research with extensive experience leading scientific projects. Offers a dual qualification: solid academic coordination skills alongside recent practical experience in evaluating AI models. Proven capabilities in securing and managing substantial research funding (>CAD 1.35M), communicating effectively in English, German, and French, and applying AI methodologies for STEM training. Strong background in project planning, reporting, and compliance.

## PROFESSIONAL EXPERIENCE

**10/2024 - present**  
**AI Tutor STEM Specialist**  
*Handshake AI (contractor since 09/2025)*  
*Outlier (freelancer since 10/2024)*

- Quality assurance in the STEM domain to ensure accuracy and standards, supporting the successful completion of 5+ projects.
- Supporting team members through constructive feedback to improve performance.
- Training large language models (LLMs) and generative AI using biology expertise and RLHF.

**11/2011 - 03/2024**  
**Research Associate & Postdoctoral Fellow**  
*McGill University, Montréal, QC, Canada*

- Project leadership and management of 2-3 person teams.
- Successful acquisition of third-party funding (>CAD 1.35M) and comprehensive budget management.
- Managed laboratory animals and facility operations, ensuring strict regulatory compliance and reporting.
- Delivered 24 articles and 14 presentations.

**08/2009 - 11/2011**  
**Program Coordinator & Senior Researcher**  
*Graduate School Bionics - University of Bonn, Bonn, Germany*

- Coordination of 11 research groups.
- Technology transfer presentation at Hannover Messe.
- Press communication, HR, and reporting to funding bodies.
- Project lead on biomimetic coronary sensor with 4 publications and 3 presentations.

### Continuing Education

- Project Management
- Programming (e.g., GIS, PyTorch, TensorFlow)
- Environment & Conservation

### Supervision & Teaching

- Mentored 8 MSc/PhD students + 6 interns.
- Lectured at the Marine Biology Laboratory, Woods Hole, MA, USA.

### Community Service

- Parents Association @ FACE