

GABRIEL YEDID B.Sc., M.Sc., Ph.D.

5787 Rembrandt Ave.

Cote Saint Luc, QC

H4W 2Z3

Mobile: +1-514-242-2292

Email: gyedid02@gmail.com / gyedid03@yahoo.com

Skype: gyedid.skype Instagram: gyedid_igram

LinkedIn: <https://www.linkedin.com/in/gabeyedid/>

Professional Qualifications

- Strong skills in scientific research, analysis, and writing
- Papers published in major scientific journals
- Teaching experience in undergraduate Evolution courses at Nanjing Agricultural University, Michigan State University, and in genetics and biological diversity courses at McGill University
- Scientific/technical editing and proofreading

Research Interests

- Wide knowledge of evolutionary biology, with interests in reconciling computational, ecological, neontological, and paleontological approaches
- General interest in macroevolutionary theory
- Particular interest in mass extinctions and recoveries

Software skills:

- MATLAB; R; C++; Python; Java; Linux (BASH); common phylogenetics software
 - (PAML, PAUP*, PHYLIP, PHYML, MrBayes, MEGA 4.0), Microsoft Office
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EDUCATION

- 2001–2007 Department of Zoology, Michigan State University, East Lansing, Michigan, U.S.A.
Ecology, Evolutionary Biology, and Behaviour program
Ph.D.
Thesis advisors: Dr. Richard E. Lenski (Zoology), Dr. Charles Ofria (Computer Science)
Thesis title: *Exploring consequences of mass extinction and recovery in communities of digital organisms*
- 1999–2001 Department of Biology, McGill University, Montreal, Quebec, Canada
Master of Science
Thesis advisor: Dr. Graham Bell
Thesis title: *Changing a bit at a time: patterns of microevolution and macroevolution in an electronic microcosm.*

1994–1998 Department of Biology, McGill University, Montreal, Quebec, Canada
Bachelor of Science
Major in Biology; Minor in Computer Science

PROFESSIONAL EXPERIENCE

2019–present **Academic Editor (freelance)**

Contracting firms:

EditorBar (Beijing, China)

Edanz Group (Fukuoka, Japan)

Wallace Academic Editing (Taipei, Taiwan)

- Editing and proofreading of scientific manuscripts for non-native English-speaking researchers

2012–2019 **Associate Professor**, Department of Zoology, College of Life Science
Nanjing Agricultural University, Nanjing, Jiangsu, China

- Research on effects of mass extinction on phylogenetic tree shape using birth-death models; using digital organisms to investigate eco-evolutionary dynamics of community reorganization and habitat tracking
- Advising of students (graduate and undergraduate) and postdoctoral fellows in my lab
- Teaching of undergraduate course in Evolutionary Biology
- Editing and proofreading of scientific manuscripts for non-native English speaking colleagues
- Aided university's iGEM (International Genetically Engineered Machine) competition teams in preparing presentations for international evaluation

FELLOWSHIPS

2010–2012 **Postdoctoral Fellow, Centre for Ecological and Evolutionary Synthesis**
University of Oslo, Oslo, Norway

Postdoctoral advisor: Dr. Nils Christian Stenseth

- Research on effects of mass extinction on phylogenetic tree shape and community structure in communities of digital organisms; using digital organisms to investigate eco-evolutionary dynamics of biological invasions

2007–2009 **Postdoctoral Fellow, Laboratory of Paleobiology and Paleostratigraphy**
Nanjing Institute of Geology and Paleontology Nanjing, Jiangsu Province, China

Postdoctoral advisor: Dr. Qun YANG

- Combining molecular and morphological data to resolve relationships and divergence times of Ostracoda
- Editing and proofreading of scientific manuscripts for non-native English-speaking colleagues

AWARDS RECEIVED

- 2014/08–2018/12 **Common Project Research Grant, National Science Foundation of China**
Amount: ¥800,000 RMB
- 2007/09–2009/09 **Chinese Academy of Sciences Postdoctoral Fellowship for Young Foreign Researchers**, Nanjing Institute of Geology and Palaeontology, Nanjing, China.
Amount: ¥100,000 RMB
- 2005, 2006 **Summer scholarship, Ecology, Evolutionary Biology, and Behaviour program**, Michigan State University.
Amount: \$2000 USD each
- 2001/09–2004/09 **Ph.D. research grant, Nature and Technology Research Fund (Fonds de recherche sur la nature et les technologies)**, provincial government of Quebec, Canada.
Amount: \$60,000 CAD
- 2001/09–2002/05 **Fellowship, Centre for Biological Modeling**, Michigan State University.
Amount: \$20,000 USD

List of publications & presentations available upon request

REFERENCES

Prof. Jian-dong JIANG
Key Laboratory of Microbiology for Agricultural Environment, Ministry of Agriculture
College of Life Sciences, Nanjing Agricultural University
No.1, Weigang
Nanjing, Jiangsu Province, China
210095
E-mail: jiang_jjd@njau.edu.cn
Tel: +86-25-8439-9726
Mobile: +86-139-1597-6780

Prof. Richard E. Lenski
Department of Microbiology and Molecular Genetics, Michigan State University
567 Wilson Rd.
East Lansing, Michigan, U.S.A.
48824
Email: lenski@msu.edu
Tel.: +1-(517) 884-5397

Prof. Charles Ofria
Department of Computer Science and Engineering, Michigan State University
428 S. Shaw Lane
East Lansing, Michigan, U.S.A.
48824
Email: charles.ofria@gmail.com; ofria@cse.msu.edu
Phone: +1-(517)-355-8389

Prof. Graham Bell
Department of Biology, McGill University
1205 Docteur Penfield Ave.
Montreal, Quebec, Canada
H3A 1B1
Email: graham.bell@mcgill.ca
Phone: +1-514-398-6458

Prof. Nils Christian Stenseth
Centre for Ecological and Evolutionary Synthesis, University of Oslo
P.O. Box 1066 Blindern
Oslo, Norway
NO-0316
Email: n.c.stenseth@mn.uio.no
Tel.: +47-2285-4584