

CURRICULUM VITAE

Name: Jason F. Cooper, BS, BA

Position: Ph.D. Candidate
Van Raamsdonk Laboratory
Van Andel Institute Graduate School

Address: 333 Bostwick Avenue NE
Van Andel Research Institute
Center for Neurodegenerative Science
Grand Rapids, MI 49503

Voice: 512-619-7229
Fax: XXX-XXX-XXXX
Email: Jason.cooper@vai.org
URL: <https://scholar.google.com/citations?user=q7tCy60AAAAJ&hl=en>

EDUCATION:

2005-2009	University of Texas, Austin, TX	B.S. B.A.	Biology Philosophy
2012-	Van Andel Institute, Grand Rapids, MI	Ph.D.	Molecular Genetics

PRINCIPAL POSITIONS HELD:

2005-2009	University of Texas, Austin	Undergraduate Student
2009-2012	Clinical Pathology Laboratories	Laboratory Staff, Microbiology Department
2012-	Van Andel Research Institute	Graduate Student, Van Raamsdonk Laboratory

OTHER POSITIONS HELD CONCURRENTLY:

2012-	Van Andel Education Institute	Instructor, Science on Saturdays Program
2012-	Grand Valley State University	Instructor, Department of Biology
2012-	Van Andel Education Institute	Organizer, Tool-belt Series for grad students

List any positions you currently hold at VAI, etc

HONORS AND AWARDS:

2013 XXXXX
XXXXX

2014 XXXXX
XXXXX

2015 XXXXX
XXXXX

KEYWORDS/AREAS OF INTEREST:

Aging biology, Mitochondrial biology, Parkinson's disease, C. elegans, Neurobiology of aging, Alpha-synuclein

PROFESSIONAL ACTIVITIES:

CONFERENCES ATTENDED

2015	Keystone Symposium	
2015	World Parkinson Congress	
2013	Grand Challenges in PD	Grand Rapids, MI, USA
2014	Grand Challenges in PD	Grand Rapids, MI, USA
2015	Grand Challenges in PD	Grand Rapids, MI, USA
2016	Grand Challenges in PD	Grand Rapids, MI, USA

BIOMEDICAL LITERATURE GROUPS

2012-	Neurodegenerative Science Journal Club	Focus on mechanisms of pathogenesis in Parkinson's disease
2015-	Aging Biology Journal Club	Focus on aging biology, with emphasis on <i>C. elegans</i> model system

INVITED PRESENTATIONS

4/??/2016	Midwest <i>C. elegans</i> Meeting, Grand Rapids, MI	Delaying aging is neuroprotective in Parkinson's disease
-----------	---	--

TEACHING AND MENTORING:

UNDERGRADUATE STUDENTS SUPERVISED OR MENTORED

Dates	Name	Program or School	Role	Current Position
2013	Mclane Watson	Hope College, Undergraduate Student	Research Supervision	Ph.D. Candidate, University of Pittsburgh
2013	Emily Andrews	Grand Valley State University, Undergraduate Student	Research Supervision	D.O. Candidate, Michigan State University
2014-2015	Claire Schaar	Hope College, Undergraduate Student	Research Supervision	Hope College, Undergraduate Student

PEER REVIEWED PUBLICATIONS:

- Schaar CE, Dues DJ, Spielbauer KK, Machiela E, **Cooper JF**, Senchuck M, Hekimi S, Van Raamsdonk JM. Mitochondrial and cytoplasmic ROS have opposing effects on lifespan. *PLoS Genetics*. 2015; 11(2):e1004972.
- Cooper JF**, Dues DJ, Spielbauer KK, Machiela E, Senchuck M, Van Raamsdonk JM. Delaying aging is neuroprotective in Parkinson's disease: a genetic analysis in *C. elegans* models. *Nature Partner Journal Parkinson's Disease*. 2015; 1(1):15022.

OTHER PUBLICATIONS:

CONFERENCE ABSTRACTS

1. **Cooper JF**, Dues DJ, Spielbauer K, Van Raamsdonk J. The role of aging in genetic models of Parkinson's disease. Grand Challenges in Parkinson's Disease. Grand Rapids, MI, USA. 2014.
2. Machiela E, **Cooper JF**, Dues DJ, Cherba D, Van Raamsdonk JM. Characterization of *C. elegans* models of Parkinson's disease reveals a deficit in mitochondrial dynamics. Grand Challenges in Parkinson's Disease. Grand Rapids, MI, USA. 2015.
3. DeJonge H, **Cooper JF**, Dues DJ, Van Raamsdonk JM. Different longevity genes vary in their ability to rescue phenotypic deficits in LRRK2 *C. elegans* model of Parkinson's disease. Grand Challenges in Parkinson's Disease. Grand Rapids, MI, USA. 2015.
4. **Cooper JF**, Dues DJ, Spielbauer KK, Machiela E, Senchuk M, Van Raamsdonk JM. Delaying aging is neuroprotective in *C. elegans* models of Parkinson's disease. Grand Challenges in Parkinson's Disease. Grand Rapids, MI, USA. 2015.
5. Schaar CE, Dues DJ, Spielbauer KK, Machiela E, **Cooper JF**, Senchuk M, Hekimi S, Van Raamsdonk JM. Reactive oxygen species are neither good nor bad but location makes it so. Gordon Conference on the Biology of Aging. Newry, MA, USA. 2015.
6. Schaar CE, Dues DJ, Spielbauer KK, Machiela E, **Cooper JF**, Senchuk M, Hekimi S, Van Raamsdonk JM. The complex relationship between reactive oxygen species and aging: levels and location determine the effect of superoxide on lifespan. International *C. elegans* Meeting. Los Angeles, CA, USA. 2015.
7. **Cooper JF**, Dues DJ, Spielbauer KK, Machiela E, Senchuk M, Van Raamsdonk JM. Delaying aging is neuroprotective in *C. elegans* models of Parkinson's disease. International *C. elegans* Meeting. Los Angeles, CA, USA. 2015.
8. Schaar CE, Dues DJ, Spielbauer KK, Machiela E, **Cooper JF**, Senchuk M, Hekimi S, Van Raamsdonk JM. Mitochondrial and cytoplasmic ROS have opposing effects on lifespan. Midwest *C. elegans* Meeting. Grand Rapids, MI, USA. 2015.
9. **Cooper JF**, Dues DJ, Spielbauer KK, Machiela E, Senchuk M, Van Raamsdonk JM. Delaying aging reduces phenotypic severity in *C. elegans* models of Parkinson's disease. Midwest *C. elegans* Meeting. Grand Rapids, MI, USA. 2015.
10. **Jeremy may or may not attend ??? Cooper JF**, Dues DJ, Spielbauer KK, Machiela E, Senchuk M, Van Raamsdonk JM. Delaying aging is neuroprotective in Parkinson's disease. Annual Meeting of the American Academy of Neurology. Vancouver, BC, Canada. 2016. (April)

PROFESIONAL REFERENCES:**Jeremy Van Raamsdonk, PhD**

Assistant Professor in the Center for Neurodegenerative Science
Van Andel Research Institute

Patrik Brundin, MD, PhD

Associate Director of Research

Professor and Director of the Center for Neurodegenerative Science

Jay Van Andel Endowed Chair in Parkinson's Research

Van Andel Research Institute

Timothy Collier, PhD

Director, Michigan State University Udall Center of Excellence

Professor of Translational Science & Molecular Medicine

Edwin A. Brophy Endowed Chair in Central Nervous System Disorders

Michigan State University College of Human Medicine

List other committee members here, etc.