

STEFAN N. RINALDI, Ph.D.

Cistercian Preparatory School | 3660 Cistercian Road | Irving, TX 75309 | Phone: 469-499-5425 | E-Mail: srinaldi@cistercian.org

STEFAN N. RINALDI, Ph.D.

CURRENT ACADEMIC EMPLOYMENT

Cistercian Preparatory School, Science
Department, Irving, TX
Form IV, Form VII Science Teacher

2016- Present

EDUCATION

Southern Methodist University, Dallas, TX
Doctor of Philosophy in Molecular and Cellular Biology
GPA: 3.90/4.0
Doctoral Dissertation: “Molecular mechanisms of p53-
dependent longevity regulation in *Drosophila*
melanogaster”
Mentor: Johannes H. Bauer, Ph.D.

2011- 2016

Gonzaga University, Spokane, WA
Bachelor of Science in Biology: Research Option
Minor: Philosophy
GPA: 3.23/4.0
Undergraduate Thesis: “Insertion of (*E*)- β -farnesene
synthase into *P. sativum* to confer aphid resistance “
Mentor: Marianne Poxleitner, Ph.D.

2007 - 2011

APPOINTMENTS

The Hockaday School, Upper School Science
Department, Dallas, TX
Long-term Substitute, AP Biology

2016- Present

Ph.D. Candidate, Molecular and Cellular Biology
Program, Southern Methodist University, Dallas, TX

2014- 2016

Graduate Teaching Assistant, Molecular and Cellular
Biology Program, Southern Methodist University,
Dallas, TX

2011- 2016

Graduate Research Assistant, Molecular and Cellular
Biology Program, Southern Methodist University,
Dallas, TX

2011- 2014

Howard Hughes Medical Institute Undergraduate
Research Assistant, Gonzaga University, Spokane, WA

2009 – 2011

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TEACHING EXPERIENCE

Form VIII <i>Honors</i> Biology II	2016 - Present
Form IV Science (Introduction to Chemistry)	2016 - Present
AP Biology (Long-term Substitute, Four Sections)	Spring 2016
BIOL 3222L: Molecular Genetics Lab (Graduate Teaching Assistant)	Fall 2014 Fall 2015 Spring 2016
CHEM 5110L: Biological Chemistry Lab (Graduate Teaching Assistant)	Spring 2013 Spring 2014 Spring 2015
BIOL 1401L: Introductory Biology Lab (Instructor)	Fall 2011 Fall 2012
BIOL 1402L: Introductory Biology Lab (Instructor)	Spring 2011 Spring 2012
CHEM 240L: Intro to Bioanalytical Chemistry Lab (Undergraduate Teaching Assistant)	Spring 2011

MENTORING

Undergraduate Students

Charles Wysocki (Engaged Learning Project, Hamilton Research Scholar)	2012 - 2014
Benjamin Dupree (Engaged Learning Project, Hamilton Research Scholar)	2014 - 2015
David Ahumada	2014 - 2015
Mehdi Hami	2015
Sasha Mohammed (Departmental Distinction Program)	2015 - 2016
Ricky Escobar (Engaged Learning Project)	2015 - 2016

High School Students

Shreya Ahuya The Hockaday School	Summer 2013
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Christine Smith The Hockaday School	Summer 2013
Holly Haley The Hockaday School	Summer 2014
Meredith Burke The Hockaday School	Summer 2014
Daniel Wechsler St. Marks School of Texas	Summer 2014
Adam Rawot St. Marks School of Texas	Summer 2014
Eric Rawot St. Marks School of Texas	Summer 2015

PUBLICATIONS

“Synaptogyrin is a novel longevity gene in <i>Drosophila melanogaster</i> ” (Manuscript in preparation)	Expected 2016
“RNAi knockdown of GCLc in the fly fat body leads to altered methionine metabolism and lifespan extension“ (Manuscript in preparation)	Expected 2016

AWARDS

Du Xin Research Award, Southern Methodist University, SMU Research Day	2012
Howard Hughes Medical Institute Undergraduate Research Assistantship	2010
Howard Hughes Medical Institute Undergraduate Research Assistantship	2009

PRESENTATIONS

Poster presentation, “Synaptogyrin is a novel longevity gene in <i>Drosophila melanogaster</i> “, SMU Research Day, Southern Methodist University, Dallas, TX	2015
Poster presentation, “RNAi knockdown of GCLc in major metabolic tissues of the fly leads to significant lifespan extension“, SMU Research Day, Southern Methodist University, Dallas, TX	2014

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Poster presentation, “Molecular mechanisms of p53-dependent longevity regulation in *Drosophila melanogaster*“, SMU Research Day, Southern Methodist University, Dallas, TX **2013**

Seminar, “Molecular mechanisms of p53-dependent longevity regulation in *Drosophila melanogaster*“, GEMS Project, University of Texas Southwestern, Dallas, TX **2013**

Poster presentation, “Lifespan regulation by the tumor suppressor p53 in *Drosophila melanogaster*“, SMU Research Day, Dallas, TX **2012**

Seminar, “Investigating the role of glucose-6-phosphate dehydrogenase in DN-Dmp53-mediated longevity in *Drosophila melanogaster*“, GEMS Project, University of Texas Southwestern, Dallas, TX **2012**

Poster presentation, “Insertion of (*E*)- β -farnesene synthase into *P. sativum* to confer aphid resistance“, M.J. Murdock Charitable Trust Research Conference, Linfield, OR **2010**

OTHER WORK EXPERIENCE

Howard Hughes Medical Institute Undergraduate Research Assistantship
Research Assistant **2009 – 2011**

Gonzaga Summer Research Program
Research Assistant **2010**

Gonzaga University Science Department
Teaching Lab Technician **2009 – 2011**

Gonzaga University Alumni Association
Undergraduate Work Study **2007 – 2011**

VOLUNTEERING

Gonzaga University Science in Action
Havermale Alternative School, Spokane, WA
Mentor **2013 – 2014**

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Association for the Advancement of Science **2013 – Present**

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PROFESSIONAL REFERENCES

Johannes H. Bauer, Ph.D.

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