

## Diana E. Libuda, PhD

University of Oregon, Department of Biology and Institute of Molecular Biology  
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### EDUCATION:

**Harvard University** September 2003 – April 2008

**Ph.D.**, Department of Genetics

**Dissertation Topic:** Identification and characterization of histone gene amplification as a method for dosage compensation in *Saccharomyces cerevisiae*

**University of California, Los Angeles** September 1999 – June 2003

**B.Sc.**, Molecular, Cell, and Developmental Biology with Music History minor

*Summa cum laude*, Highest Departmental Honors, Phi Beta Kappa

**Honors Thesis Topic:** Characterization of the role of BMP-11 in mouse neuronal development

### RESEARCH EXPERIENCE:

**Assistant Professor** September 2015 – current

University of Oregon, Institute of Molecular Biology and Department of Biology

Research Topics: DNA repair, recombination, and chromosome dynamics during meiosis; molecular genetics of sperm and egg development

**Postdoctoral Fellow** September 2008 – December 2014

Dr. Anne M. Villeneuve, Department of Developmental Biology, Stanford University

Research Topics: meiosis in *C. elegans*; double strand break repair; meiotic recombination; recombination pathway and partner decisions; crossover interference

**Graduate Student Fellow** January 2004 – August 2008

Dr. Fred Winston, Department of Genetics, Harvard Medical School

Research Topics: gene expression in *Saccharomyces cerevisiae*; retrotransposon recombination; gene amplification and histone dosage compensation; transcriptional regulation and chromatin structure

**Undergraduate Research Scholar** April 2002 – June 2003

Dr. Karen M. Lyons, Department of Molecular, Cell, and Developmental Biology, UCLA

Research Topics: growth factor signaling in mammalian development and disease; skeletal and neuronal development in mouse

**Laboratory Assistant I** June 2001– January 2003

Dr. Susan L. Forsburg, Molecular and Cell Biology Laboratory, Salk Institute for Biological Studies

Research Topics: mitotic and meiotic DNA replication in *Schizosaccharomyces pombe*

**Undergraduate Researcher** January 2001– March 2002

Dr. Wayne W. Grody and Dr. Ramaswamy K. Iyer, Department of Pathology and Laboratory Medicine, UCLA

Research Topic: mouse modeling of Human Arginase Deficiency; development of gene therapeutics

### FUNDING:

#### Active:

2018 – 2023 NIGMS ESI R35 MIRA Award (\$1.25 million direct costs)

*Recombination pathway and partner choice during meiosis*

2017 – 2020 Searle Scholar Award (\$300,000 direct costs)

*Dissecting the mechanisms of temperature-induced DNA damage during spermatogenesis*

2017 – 2019 March of Dimes Basil O'Connor Starter Scholar Award (\$136,364 direct costs)

*Double strand DNA break repair dynamics during meiosis*

2015 – 2018 R00 NIH Pathway to Independence Award HD076165 (\$558,959 direct costs)  
*Recombination pathway and partner choice during C. elegans meiosis*

**Completed:**

2013 – 2014 K99 NIH Pathway to Independence Award HD076165 (Priority/Impact Score of 10)  
 2012 – 2013 Katharine D. McCormick Advanced Postdoctoral Fellowship  
 2009 – 2012 Helen Hay Whitney Foundation Postdoctoral Fellowship  
 2009 Stanford Dean's Postdoctoral Fellowship  
 2006 – 2008 Illick Fellow, Albert J. Ryan Foundation Fellowship  
 2003 – 2006 National Science Foundation Graduate Fellowship  
 2002 – 2003 Barry M. Goldwater Scholarship  
 2002 – 2003 Ingram Scholarship, UCLA Undergraduate Research Scholarship  
 1999 Los Rancheros Kiwanis Club Dr. Hap Neufeld Memorial Scholarship  
 1999 Poway Kiwanis Club Scholarship  
 1999 San Diego Naval Officers' Wives' Club Scholarship  
 1999 KIWIN'S Cal-Nev-Ha District Scholarship

**HONORS AND AWARDS:**

2015 – 2016 National Academies Education Fellow in the Life Sciences  
 2013 Best Talk Prize, Bay Area Worm Meeting  
 2012 Best Poster Prize, Bay Area Meiosis Meeting  
 2003 UCLA MCD Biology Department Outstanding Graduating Senior Research Award  
 2003 Phi Beta Kappa National Honor Society  
 2003 Golden Key National Honor Society  
 2003 UCLA Dean's Prize Award for Scientific Poster Presentation  
 2001 UCLA MCDB Writing Award for Scientific Technical Writing  
 2001 UCLA MCDB Gold Star Award  
 1999 Kiwanis Cal-Nev-Ha District Hope of America Award

**PUBLICATIONS:**

Mara Schvarzstein, Divya Pattabiraman, DIANA E. LIBUDA, Ajit Ramadugu, Angela Tam, Enrique Martinez-Perez, Baptiste Roelens, Karl Zawadzki, Rayka Yokoo, Simona Rosu, Kentaro Nabeshima, and Anne M. Villeneuve (2014). DNA helicase HIM-6/BLM promotes MutS $\gamma$ -dependent crossovers and antagonizes MutS $\gamma$ -independent interhomolog associations during *C. elegans* meiosis. *Genetics*, 198(1), 193-207.

DIANA E. LIBUDA, Satoru Uzawa, Barbara J. Meyer, and Anne M. Villeneuve (2013). Meiotic chromosome structures constrain and respond to designation of crossover sites. *Nature* 502, 703-706. (recommended in Faculty of 1000 by Gerald Smith and Mridula Nambiar)

Simona Rosu, Karl A. Zawadzki, Ericca L. Stamper, DIANA E. LIBUDA, Angela L. Reese, Abby F. Dernburg, and Anne M. Villeneuve (2013). The *C. elegans* DSB-2 protein reveals a regulatory network that controls competence for meiotic DSB formation. *PLoS Genetics* 9(8): e1003674.

Simona Rosu, DIANA E. LIBUDA, and Anne M. Villeneuve (2011). Robust crossover assurance and regulated interhomolog access maintain meiotic crossover number. *Science* 334, 1286-9. (recommended in Faculty of 1000 by Morris Maduro)

DIANA E. LIBUDA and Fred Winston (2010). Alterations in DNA replication and histone levels promote histone gene amplification in *Saccharomyces cerevisiae*. *Genetics*, 184, 985-97.

DIANA E. LIBUDA and Fred Winston (2006). Amplification of histone genes by circular chromosome formation in *Saccharomyces cerevisiae*. *Nature*, 443, 1003-7. (recommended in Faculty of 1000 by Linda Breeden)

Sanja Ivkovic, Byeong S. Yoon, Steven N. Popoff, Fayez F. Safadi, DIANA E. LIBUDA, Robert C. Stephenson, Aaron Daluiski, and Karen M. Lyons (2003). Connective Tissue Growth Factor is an essential regulator of skeletal development. *Development*, 130, 2779-91.

Manuscripts Pending (\*sole corresponding author) –

Jacquelyn M. Helm and DIANA E. LIBUDA\*. Synaptonemal complex directs crossover-promoting proteins to meiotic interhomolog recombination events. *Genetics in preparation*

Marissa L. Glover, Jeremy Hollis, Aleesa Schlientz, Bruce Bowerman, Sadie M. Wignall, and DIANA E. LIBUDA\* Multiple crossovers inhibit proper chromosome segregation during *C. elegans* meiosis. *In preparation*

Nicole A. Kurhanewicz, Jacquelyn M. Helm, and DIANA E. LIBUDA\* piRNA-based control of temperature-induced DNA damage in spermatocytes. *In preparation*

Erik Toraason, Marissa L. Glover, Cordell Clark, and DIANA E. LIBUDA\* Repair partner preferences switch from the homologous chromosome to the sister chromatid during late meiotic prophase. *In preparation*

**PROFESSIONAL MEMBERSHIPS:**

Genetics Society of America

Association for Women in Science

**TEACHING EXPERIENCE:**

University of Oregon

Fall 2017 BI 620: Molecular Genetics (for graduate students; formerly Bi 610)

Sole instructor, 18 lectures, 7 discussions

Overall course evaluation (12/14 students):

Mean: 4.4/5.0

Median: 5.0/5.0

Fall 2016 BI 610: Molecular Genetics (for graduate students)

Sole instructor, 18 lectures, 7 discussions

Overall course evaluation (13/15 students):

Mean: 4.2/5.0

Median: 4.0/5.0

Spring 2016 BI 610: Ethics in Life Science Research (Guest Lecturer)

Spring 2015 CAS 120: College Scholars Colloquium (Guest Lecturer)

Harvard Medical School (Teaching Fellow)

Fall 2004 Genetics 201: Introduction to Genetics (for graduate students)

Teaching Enrichment and Development

2016 – present University of Oregon Teaching Academy, Teaching Effectiveness Program

Summer 2015 National Academies Summer Institute on Scientific Teaching, Attendee/Fellow

Fall 2004 Harvard University Derek Bok Center for Teaching and Learning, Fall Teaching Conference

**MENTORING EXPERIENCE:**

**University of Oregon Research Lab Members**

Graduate Students (2):

Austin Harvey (2016 – present)

Erik Toraason (2017 – present)

Graduate Rotation Students (5):

Emily Sutton (2015)

Austin Harvey (2015)

Erik Toraason (2016)

Zach Stevenson (2018)

Stephanie VanBeuge (2018)

Postdoctoral Scholars (2):

Nicole Kurhanewicz (2017-present)

Cori Cahoon (2018 – present)

Faculty “Rotation Student” (1):

Nadia Singh (2018)

Sabbatical Faculty (1):

David Wynne (2018)

PhD Staff Scientists (1):

Nicole Kurhanewicz (2016-2017)

Research Assistants (3):

Jennifer Lawson (2018 – present)

Jackie Helm (2015 – 2018)

Marissa Glover (2015 – 2017)

Undergraduates (14):

Alexandra Cohen (2015-2016)

Ryan Kozak (2015)

Brittany Owen (2015-present)

Rachel David (2015-present)

Kaycee Schoellhorn (2016-2017)

Cordell Clark (2016-present)

Colin Maxwell (2017-present)

Cooheen Coombes (SPUR/MARC summer student 2017)

Fountane Chan (2018 – present)

Anna Horaceck (2018 – present)

Nikki Szczepanski (2018 – present)

Alex Wong (2018)

Adriana Mendizabal (SPUR summer student 2018)

Quincey Fish (2018 – present)

**Honors/Awards of Lab Members**

National Institutes of Health F32 NRSA Postdoctoral Fellowship (Nicole Kurhanewicz 2018-2020)

University of Oregon Vice President of Research and Innovation Fellowship (Nicole Szczepanski 2018)

University of Oregon Center for Undergraduate Research and Engagement Fellowship (Fountane Chan 2018)

University of Oregon Undergraduate Research Symposium Biology Poster Award, 2<sup>nd</sup> place (Cordell Clark 2018)

University of Oregon Women of Graduate Science Undergraduate Summer Research Award (Nicole Szczepanski 2018)

NSF Graduate Research Fellowship Honorable Mention (Erik Toraason 2018)

University of Oregon Departmental Honors Thesis (Cordell Clark 2018)

University of Oregon Institute of Molecular Biology Adamson Award (Erik Toraason 2017)

OHSU CDCB Summer Research Internship Program (Rachel David 2016)

University of Oregon OURS Summer Research Program (Brittany Owen 2016, Cordell Clark 2017, Anna Horacek 2018)

University of Oregon Alden Award (Rachel David 2017)

University of Oregon SPUR Summer Research Program (Cooheen Coombes 2017)

SACNAS Travel Award (Cordell Clark 2017)

University of Oregon Honors College Thesis with Honors (Kaycee Schoellhorn 2017, Rachel David 2018)

### **SERVICE:**

#### **Professional (National and International) –**

Grant Review Panels –

2017 NSF EAGERS Grant

2016 NIGMS Scientific Review Group/Special Emphasis Panel: ZGM1 TWD-B (KR)

Manuscript Reviews – *Development (2), Cell, Proceedings of the National Academy of Sciences, Journal of Cell Biology, Journal of Cell Science, Molecular Cell, Molecular and Cellular Biology, PLoS One (2)*

Conference/Meeting Session Chair (Invited)–

2017 Chair, Checkpoints and Feedback Controls Session; EMBO Meiosis Meeting

2016 Chair, Gene Expression Session; Northwest Developmental Biology Meeting

2015 Chair, Cell Division and Cell Death Session, 20<sup>th</sup> International *C. elegans* Meeting

Meetings Organized-

April 2014 Bay Area Worm Meeting

June 2013 Winston Lab 30<sup>th</sup> Anniversary Reunion and Symposium

Invited Career Development Workshops/Symposiums-

August 2018 Stowers Institute “Faculty Position Interviews – Chalk Talks” Workshop

May 2018 Stowers Institute “How to get a Faculty Position” Workshop

#### **University -**

May 2018 University of Oregon Quack Chats Talk Series Speaker (public outreach talk)

2017 – 2018 University of Oregon and Knight Campus Imaging Core Creation Committee

2016 – present University of Oregon Campus Planning Committee

2017 University of Oregon Graduate Women in Science Scholarship Review Committee

2017 4<sup>th</sup> Floor Klamath Addition/Remodel Committee

2015 “Music Meets Science” Meselsohn-Stahl Experiment Concert and Celebration Organizer, University of Oregon Institute of Molecular Biology and Development Office

#### **Institute of Molecular Biology -**

2017 – present Institute of Molecular Biology Executive Committee (elected position)

2017 Institute of Molecular Biology Space Committee

2017 Genetics Training Grant Imaging Workshop Organizer

2016 – present Institute of Molecular Biology Imaging Core Facility Creation Faculty Advisory Committee

Fall 2016 University of Oregon Molecular Biology PhD Program Cumulative Exam Preparer  
 2015 – 2016 Manager and Trainer, Institute of Molecular Biology Structured Illumination and Laser Scanning Confocal Microscope  
 2015 – present Institute of Molecular Biology Structured Illumination Microscope Advisory Committee  
 2015 – 2016 Institute of Molecular Biology Imaging Core Facility Renovation Advisory Committee  
 2015 – 2017 Social Hour Organizer, University of Oregon Institute of Molecular Biology

### **Department of Biology -**

2018 – present Graduate Recruitment Committee, University of Oregon Department of Biology  
 2017 – present Executive Committee, University of Oregon Department of Biology  
 2015 – 2017 Center for Genome Function Cluster Hire Faculty Search Committee, University of Oregon Institute of Molecular Biology  
 2014 – 2016 Graduate Admissions Committee, University of Oregon Department of Biology  
 2015 – 2016 Graduate Retreat Organizer, University of Oregon Department of Biology

### *Student Advisory Committees-*

Dissertation Advisory Committee (Chair) – Kevin McNaught (Chair), Aleesa Schlientz, Annie Gilbert  
 Qualifying Exam Committee – Aleesa Schlientz, Michelle Sconce  
 Interim Advisory Committee – Michelle Sconce, Erik Toraason, Stephanie VanBeuge, Michael Shavlik, Zachary Bush  
 Honors College Thesis Defense Committee – Collin Hickmann; Kaycee Schoellhorn, Rachel David, Colin Maxwell  
 Biology Honors Thesis Defense Committee – Cordell Clark

### **PRESENTATIONS:**

#### **Invited Seminars –**

DIANA E. LIBUDA “Why can’t sperm take the heat?: revealing the mechanisms of temperature-induced DNA damage in developing sperm” University of Minnesota, November 2018

DIANA E. LIBUDA “Why can’t sperm take the heat?: revealing the mechanisms of temperature-induced DNA damage in developing sperm” New York University, October 2018

DIANA E. LIBUDA “Why can’t sperm take the heat?: revealing the mechanisms of temperature-induced DNA damage in developing sperm” Stowers Institute for Medical Research, May 2018

DIANA E. LIBUDA “Turning up the heat on partner choice: making and repairing DNA breaks during meiosis” Oregon State University, April 2018

DIANA E. LIBUDA “Turning up the heat on partner choice: making and repairing DNA breaks during meiosis” University of Texas MD Anderson Cancer Center, March 2018

DIANA E. LIBUDA “Turning up the heat on partner choice: making and repairing DNA breaks during meiosis” University of California, Davis, March 2018

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during meiosis” Oregon Institute of Marine Biology, April 2016

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during meiosis” Bloomberg School of Public Health at Johns Hopkins University, Department of Biochemistry and Molecular Biology Seminar Series, March 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during meiosis” University of Southern California, Program in Molecular and Computational Biology Seminar Series, March 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during meiosis” Perelman School of Medicine at the University of Pennsylvania, Department of Cell and Developmental Biology Seminar Series, March 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during *C. elegans* meiosis” Emory University, Department of Biology, Science Cafe Seminar Series, February 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during meiosis” University of Chicago, Department of Molecular Genetics and Cell Biology Seminar Series, February 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during *C. elegans* meiosis” University of Oregon, Institute of Molecular Biology and Department of Biology Seminar Series, February 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during *C. elegans* meiosis” University of Pittsburgh, Department of Biology Seminar Series, February 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during meiosis” National Institutes of Health, NICHD and NIDDK, February 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during *C. elegans* meiosis” Indiana University, Department of Biology Seminar Series, February 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during *C. elegans* meiosis” Massachusetts Institute of Technology, Department of Biology Special Seminar Series, January 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during *C. elegans* meiosis” University of Massachusetts Medical School Worcester, RNA Therapeutics Institute Seminar Series, January 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during meiosis” Rockefeller University Special Seminar Series, January 2014

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during *C. elegans* meiosis” University of Michigan, Department Molecular, Cellular, and Developmental Biology Seminar Series, January 2014

DIANA E. LIBUDA “Recombination pathway and partner choice during meiotic double strand break repair” National Institutes of Health, Stadtman Symposium Series, December 2013

DIANA E. LIBUDA “Making the right decision: repairing DNA breaks during *C. elegans* meiosis” Rutgers University, Department of Genetics Invited Speaker Seminar Series, October 2013

DIANA E. LIBUDA “Six crossovers of segregation: dual roles for the synaptonemal complex during *C. elegans* meiosis” University of California, Santa Cruz: MCDB Department Cell Biology Talk Series, April 2012

#### **Conference Talks –**

Nicole Kurhanewicz, Jacquelyn M. Helm, and DIANA E. LIBUDA “Temperature increases cause transposon-associated DNA damage specific to spermatocytes and not oocytes” ASCB-EMBO Annual Meeting, December 2018

Nicole Kurhanewicz, Jacquelyn M. Helm, and DIANA E. LIBUDA “Temperature increases cause transposon-associated DNA damage specific to spermatocytes and not oocytes” Cold Spring Harbor Laboratories Germ Cells Meeting, October 2018

DIANA E. LIBUDA, Satoru Uzawa, Barbara J. Meyer, and Anne M. Villeneuve. “Meiotic chromosome structures constrain and respond to designation of crossover sites” EMBO Meiosis Meeting, September 2013

DIANA E. LIBUDA, Satoru Uzawa, Barbara J. Meyer, and Anne M. Villeneuve. “Meiotic chromosome structures constrain and respond to designation of crossover sites” 19<sup>th</sup> International *C. elegans* Meeting, Plenary Session Talk, June 2013

DIANA E. LIBUDA “Crossing over from Ty elements: meiotic chromosome structures constrain and respond to designation of crossover sites” Winston Lab 30<sup>th</sup> Anniversary Symposium, June 2013

DIANA E. LIBUDA, Satoru Uzawa, Barbara J. Meyer, and Anne M. Villeneuve. “Meiotic chromosome structures constrain and respond to designation of crossover sites” Bay Area Worm Meeting, April 2013

DIANA E. LIBUDA, Satoru Uzawa, Barbara J. Meyer, and Anne M. Villeneuve. “Meiotic chromosome structures constrain and respond to designation of crossover recombination sites” Keystone Symposia: DNA Replication and Recombination (joint with Keystone Symposia: Genomic Instability and DNA Repair), March 2013

DIANA E. LIBUDA, Rayka Yokoo, Michiko Hayashi, and Anne M. Villeneuve “Synaptonemal complex mediates crossover interference during meiosis” 18<sup>th</sup> International *C. elegans* Meeting, June 2011

DIANA E. LIBUDA and Fred Winston “Amplification of Histone Genes in *Saccharomyces cerevisiae*” Yeast Genetics and Molecular Biology Meeting, July 2006

DIANA E. LIBUDA and Fred Winston “Amplification of Histone Genes in *Saccharomyces cerevisiae*” Boston Area Yeast Meeting, April 2006

#### **Conference Posters –**

Nicole A. Codd, Jacquellyn M. Helm, Kaycee Schoellhorn, and DIANA E. LIBUDA. “Temperature increases cause transposon-associated DNA damage specially during spermatogenesis” EMBO Meiosis Meeting, August 2017

Erik Toraason, Marissa Glover, and DIANA E. LIBUDA. “Germ cells switch from homolog to sister chromatid repair template bias during late meiotic prophase I” FASEB Research Conference: Genetic Recombination and Genome Rearrangements, July 2017

Jacquellyn Helm, Marissa Glover, Austin Harvey, and DIANA E. LIBUDA. “Recombination pathway and partner choice during meiotic double strand DNA repair in *C. elegans*” NCI Symposium on Chromosome Biology, November/December 2016

Jacquellyn Helm, Marissa Glover, Austin Harvey, and DIANA E. LIBUDA. “Recombination pathway and partner choice during meiotic double strand DNA repair in *C. elegans*” Gordon Research Conference: Meiosis, June 2016

DIANA E. LIBUDA and Anne M. Villeneuve. “Synaptonemal complex directs crossover-promoting proteins to meiotic interhomolog recombination events” Gordon Research Conference: Meiosis, June 2014

DIANA E. LIBUDA, Satoru Uzawa, Barbara J. Meyer, and Anne M. Villeneuve. “Meiotic chromosome structures constrain and respond to designation of crossover sites” EMBO Meiosis Meeting, September 2013



DIANA E. LIBUDA, Satoru Uzawa, Barbara J. Meyer, and Anne M. Villeneuve. “Meiotic chromosome structures constrain and respond to designation of crossover sites” FASEB Research Conference: Genetic Recombination and Genome Rearrangements, July 2013

DIANA E. LIBUDA, Satoru Uzawa, Barbara J. Meyer, and Anne M. Villeneuve. “Meiotic chromosome structures constrain and respond to designation of crossover sites” Keystone Symposia: DNA Replication and Recombination (joint with Keystone Symposia: Genomic Instability and DNA Repair), March 2013

DIANA E. LIBUDA, Rayka Yokoo, and Anne M. Villeneuve. “Promoting and inhibiting meiotic crossovers: dual roles for the synaptonemal complex” Gordon Research Conference: Meiosis, June 2012

DIANA E. LIBUDA, Rayka Yokoo, Karl Zawadzki, Michiko Hayashi, and Anne M. Villeneuve “Synaptonemal complex mediates crossover interference during meiosis” FASEB Research Conference: Genetic Recombination and Genome Rearrangements, July 2011

DIANA E. LIBUDA, Rayka Yokoo, and Anne M. Villeneuve “Synaptonemal complex restricts crossover-promoting proteins to meiotic interhomolog recombination events” Keystone Symposia: DNA Replication and Recombination, February 2011

DIANA E. LIBUDA and Anne M. Villeneuve “Recombination pathway and partner choice during meiotic double strand break repair in *C. elegans*” FASEB Research Conference: Genetic Recombination and Genome Rearrangements, July 2009

DIANA E. LIBUDA and Anne M. Villeneuve “Recombination pathway and partner choice during meiotic double strand break repair in *C. elegans*” 17<sup>th</sup> International *C. elegans* Meeting, June 2009

DIANA E. LIBUDA and Fred Winston “Induction of histone gene amplification by reduced histone levels and replication fork pauses in *Saccharomyces cerevisiae*” Yeast Genetics and Molecular Biology Meeting, July 2008

DIANA E. LIBUDA and Fred Winston “Analysis of the Regulation of Histone Gene Amplification in *Saccharomyces cerevisiae*” FASEB Research Conference: Chromatin and Transcription, July 2007

DIANA E. LIBUDA and Fred Winston “Amplification of Histone Genes in *Saccharomyces cerevisiae*” Gordon Research Conference: Chromosome Dynamics, August 2005

DIANA E. LIBUDA, Sanja Ivkovic, and Karen M. Lyons “Characterization of BMP-11 in the Dorsal-Ventral Patterning of the Spinal Cord” UCLA Undergraduate Science Poster Day, May 2003

DIANA E. LIBUDA, Sanja Ivkovic, and Karen M. Lyons “Characterization of BMP-11 in the Dorsal-Ventral Patterning of the Spinal Cord” Council on Undergraduate Research Posters on the Hill National Conference, April 2003

**PRESENTATIONS (by lab members, presenting author underlined):**

**Conference Talks (selected from submitted abstracts)–**

Nicole A. Codd, Jacquelyn M. Helm, and Diana E. Libuda. “Temperature increases cause transposon-associated DNA damage specifically during spermatogenesis” 21<sup>st</sup> International *C. elegans* Meeting, June 2017

**Conference Posters –**

Nicole A. Codd, Jacquelyn M. Helm, and Diana E. Libuda. “Temperature increases cause transposon-associated DNA damage specifically during spermatogenesis” Gordon Research Conference: Meiosis, June 2018

Cordell Clark, Erik Toraason, Marissa L. Glover, and Diana E. Libuda “Assessing the role of the SMC-5/6 Complex in meiotic double strand break repair” SACNAS Conference, October 2017

Austin M. Harvey and Diana E. Libuda “Investigating the role of early double strand DNA break repair dynamics on repair pathway and partner choices during meiosis” 21<sup>st</sup> International *C. elegans* Meeting, June 2017

**REFERENCES:**

**Anne M. Villeneuve, PhD**

Professor of Developmental Biology and Genetics  
Stanford University School of Medicine  
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**Fred Winston, PhD**

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**Barbara J. Meyer, PhD**

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