January 22, 2016

**Svetlana A. Maslakova**

Associate Professor

Oregon Institute of Marine Biology and Department of Biology

University of Oregon

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***Education***

George Washington University Ph.D., Biology, 2005

Dissertation Title: *Systematics and Evolution of Smiling Worms - Family Prosorhochmidae (Hoplonemertea, Nemertea).* Principal Advisor: Jon L. Norenburg, Curator, Research zoologist & Chair, Dept. of Invertebrate Zoology, National Museum of Natural History, Smithsonian Institution*.*

Moscow State University, Russia M.S. (Diploma with Honors), Zoology, 1999; B.S., Zoology, 1998

***Professional experience***

2014 - present Associate Professor, OIMB and Department of Biology, University of Oregon (on maternity leave in Summer 2014)

2008- 2014 Assistant Professor, OIMB and Department of Biology, University of Oregon (on maternity leave in Fall 2010)

2006- 2008 Post-doctoral fellow, Friday Harbor Laboratories, University of Washington

2004-2005 Research Assistant, Mikhail Matz lab, Whitney Laboratory for Marine Bioscience, University of Florida

2004 Teaching Assistant, Friday Harbor Labs, University of Washington. *Comparative Embryology of Invertebrates*

2002 Teaching Assistant, George Washington University. *General Biology (lab)*.

***Grants***

Current. R. Collin (PI), M. P. Miglietta (co-PI), S. A. Maslakova (co-PI), E. Rodriguez (co-PI), R. Thacker (co-PI). *ARTS: Integrative Research and Training in Tropical Taxonomy.* NSF: DEB. $84,364 to Maslakova 4/1/2015-3/31/2018.

Current. S. A. Maslakova (PI). *Evolution of a novel larval body plan - the nemertean pilidium larva (phylum Nemertea)*. NSF: IOS: *Evolution of Developmental Mechanisms.* $517,864 9/1/2011-8/31/2016.

Current. C. L. Van Dover, C. W. Cunningham, C. M. Young, S. A. Maslakova (co-PI), D.B. Eggleston, R. He. *Collaborative Research: Connectivity in western Atlantic seep populations: oceanographic and life-history processes underlying genetic structure.*NSF. OCE: Biological Oceanography. $766,363 to Young and Maslakova. 1/01/2011-1/01/2016

***Fellowships and awards***

2006Friday Harbor Labs Postdoctoral Fellowship $60,000

2005Alan Kohn Fellowship for research at the Friday Harbor Laboratories $1,814

2002Arthur Klorfein Scholarship for tuition and course related expenses. Embryology Course. MBL. Woods Hole, MA. $3,500

2001Tuition and course related expenses award. Comparative Embryology Course. Friday Harbor Laboratories. $2,500

2000Link Foundation/ Smithsonian Institution Graduate Fellowship. $4,500

***Honors***

A species of marine ribbon worm *Poseidonemertes maslakovae* Chernyshev 2002 is named to honor my contribution to studies of nemertean biology.

***Publications***

**Peer-reviewed (25)**

† denotes a student co-author

2015 T. C. Hiebert † and **S. A. Maslakova**. Larval development of two NE Pacific pilidiophoran nemerteans(Heteronemertea; Lineidae). *Biological Bulletin.* 229(3): 265-275.

2015 T. C. Hiebert † and **S. A. Maslakova**. Integrative taxonomy of the *Micrura alaskensis* Coe, 1901 species complex (Nemertea: Heteronemertea), with descriptions of a new genus *Maculaura* gen. nov. and four new species from the NE Pacific. *Zoological Science*. 32(6): 615-637.

2015 L. S. Hiebert † and **S. A. Maslakova**.Expression of *Hox*, *Cdx*, and *Six3*/*6* genes in the hoplonemertean *Pantinonemertes californiensis* offers insight into the evolution of maximally indirect development in the phylum Nemertea. *EvoDevo*. 6:26 http://www.evodevojournal.com/content/6/1/26

2015 L. S. Hiebert † and **S. A. Maslakova**. *Hox* genes pattern the anterior- posterior axis of the juvenile but not the larva in a maximally indirect developing invertebrate, *Micrura alaskensis* (Nemertea). *BMC Biology*. 13:23 http://www.biomedcentral.com/1741-7007/13/23

2014 **S. A. Maslakova** and T. C. Hiebert †. From trochophore to pilidium and back again: a larva’s journey. *International Journal of Developmental Biology*. 58: 585-591

2014A. Bird†, G. von Dassow, and **S. A. Maslakova**. How the pilidium larva grows. *EvoDevo*. 5:13. http://www.evodevojournal.com/content/5/1/13

2014 T. Bartolomaeus, **S. A. Maslakova**, and J. von Döhren. Protonephridia in the larvae of the paleonemertean species *Carinoma mutabilis* (Carinomidae, Nemertea) and *filiformis* (Cephalothricidae, Nemertea). *Zoomorphology.* 133: 43-57

2013 H. Kajihara, S. Sun, A. V. Chernyshev, H. Chen, K. Ito, M. Asakawa, **S.A. Maslakova**, J. Norenburg, M. Strand, P. Sundberg, F. Iwata. Taxonomic identity of a tetrodotoxin-accumulating ribbon worm *Cephalothrix simula* (Nemertea: Palaeonemertea) - artificially Introduced from Japan to Europe? *Zoological Science.* 30: 985-997.

2013 G. von Dassow, R. Emlet and **S. A. Maslakova**. How the pilidium larva feeds. *Frontiers in Zoology.* 10:47. <http://www.frontiersinzoology.com/content/10/1/47>

2013 T. C. Hiebert †, G. von Dassow, L.S. Hiebert † and **S. A. Maslakova.** The peculiar nemertean larva *pilidium recurvatum* belongs to *Riserius* sp., a basal heteronemertean that eats *Carcinonemertes errans*, a hoplonemertean parasite of Dungeness crab. *Invertebrate Biology.* 132(3): 207-225. <http://onlinelibrary.wiley.com/doi/10.1111/ivb.12023/full>

2012 **S.A. Maslakova** and G. von Dassow. A non-feeding pilidium with apparent prototroch and telotroch. *Journal of Experimental Zoology, Part B: Molecular and Developmental Evolution.* 9999B:1-5. <http://onlinelibrary.wiley.com/doi/10.1002/jezb.22467/full>

2010H. Chen, M. Strand, J. L. Norenburg, S. Sun, H. Kajihara, A. V. Chernyshev, **S. A. Maslakova**, P. Sundberg. Statistical parsimony networks and species assemblages in cephalotrichid nemerteans (Nemertea). *PLoS ONE.* 5(9): e12885. doi:10.1371/journal.pone.0012885

 [http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0012885](http://www.plosone.org/article/info%3Adoi/10.1371/journal.pone.0012885)

2010a **S.A. Maslakova**. The invention of the pilidium larva in an otherwise perfectly good spiralian phylum Nemertea. *Integrative and Comparative Biology* 50:734-743. <http://icb.oxfordjournals.org/content/50/5/734.long>

2010b **S. A. Maslakova**. Development to metamorphosis of the nemertean pilidium larva. *Frontiers in Zoology.* 7:30. doi:10.1186/1742-9994-7-30 <http://www.frontiersinzoology.com/content/7/1/30>

2010L. S. Hiebert†, G. S. Gavelis†, G. von Dassow and **S. A. Maslakova**. Five invaginations and shedding of the larval epidermis during development of the hoplonemertean *Pantinonemertes californiensis*. *Journal of Natural History* 44:2331 - 2347. <http://www.tandfonline.com/doi/abs/10.1080/00222933.2010.504893>

2009 **S. A. Maslakova** and J. D. von Döhren†. Larval development with transitory epidermis in *Paranemertes peregrina* and other hoplonemerteans. *Biological Bulletin* 216: 273-292. <http://www.biolbull.org/content/216/3/273.long>

2008 **S. A. Maslakova** and J. L. Norenburg. Revision of the smiling worms, genus *Prosorhochmus* Keferstein 1862, and description of a new species, *Prosorhochmus belizeanus* sp. nov. (Prosorhochmidae, Hoplonemertea, Nemertea) from Florida and Belize.*Journal of Natural History* 42:1219-1260. <http://www.tandfonline.com/doi/full/10.1080/00222930801995747>

2008 **S. A. Maslakova** and J. L. Norenburg. Revision of the smiling worms, genera *Prosadenoporus* Bürger, 1890 and *Pantinonemertes* Moore and Gibson, 1981 and description of a new species *Prosadenoporus floridensis* sp. nov. (Prosorhochmidae; Hoplonemertea, Nemertea) from Florida and Belize. *Journal of Natural History* 42: 1689-1727. <http://www.tandfonline.com/doi/full/10.1080/00222930802130286>

*Prior to arrival at UO*

2007 Oswald, F., Schmitt, F.M., Leutenegger, A., Ivanchenko, S.,D'Angelo, C., Salih, A., **Maslakova, S. A.,** Bulina, M., Schirmbeck, R., Nienhaus, G.U., Matz, M.V. & Wiedenmann, J. Contributions of host and symbiont pigments to the coloration of reef corals. *FEBS Journal 274:* 1102–1109. <http://onlinelibrary.wiley.com/doi/10.1111/j.1742-4658.2007.05661.x/full>

2006 C. D. Bishop, D. F. Erezyilmaz, T. Flatt, C. D. Georgiou, M. G. Hadfield, A. Heyland, J. Hodin, M. W. Jacobs, **S. A. Maslakova**, A. Pires, A. M. Reitzel, S. Santagata, K. Tanaka and J. H. Youson. What is metamorphosis? *Integrative and Comparative Biology* 46: 655-661. <http://icb.oxfordjournals.org/content/46/6/655.full?sid=e9e812d3-47e8-4aed-b76b-34f368121634>

2005 **S. A. Maslakova**, M. Thiel, N. Vásquez and J. L. Norenburg. The smile of *Amphiporus nelsoni* Sanchez, 1973 (Nemertea: Hoplonemertea: Monostilifera: Amphiporidae) leads to a redescription and a change in family. *Proceedings of the Biological Society of Washington*. 18: 483-49. <http://www.bioone.org/doi/abs/10.2988/0006-324X%282005%29118%5B483%3ATSOANS%5D2.0.CO%3B2>

2004a **S. A. Maslakova**, M. Q. Martindale and J. L. Norenburg. Vestigial prototroch in a basal nemertean *Carinoma tremaphoros* (Palaeonemertea, Nemertea). *Evolution and Development* 6: 219-226. <http://onlinelibrary.wiley.com/doi/10.1111/j.1525-142X.2004.04027.x/full>

2004b **S. A. Maslakova**, M. Q. Martindale and J. L. Norenburg. Fundamental properties of spiralian developmental program are displayed by the basal nemertean *Carinoma tremaphoros* (Palaeonemertea, Nemertea). *Developmental Biology* 267: 342-360. <http://www.sciencedirect.com/science/article/pii/S0012160603006596>

2001 **S. A. Maslakova** and J. L. Norenburg. Phylogenetic study of pelagic nemerteans (Pelagica, Polystilifera). *Hydrobiologia* 456: 111-132. <http://link.springer.com/article/10.1023/A%3A1013048419113>

1999 **S. A. Maslakova** and V. V. Malakhov, V. V. Hidden larva in the Hoplonemertini order of nemerteans. *Proceedings of the Russian Academy of Sciences, Series Biological* 366: 849-852.

**Book chapters (3)**

2011Chernyshev A. V. and **Maslakova S. A**. Nemertea. In: Illustrated Keys to Free-Living Invertebrates of Eurasian Arctic Seas and Adjacent Deep Waters, Vol. 2. Nemertea, Cephalorhyncha, Oligochaeta, Hirudinida, Pogonophora,Echiura, Sipuncula, Phoronida, and Brachiopoda. Sirenko, B.I., ed. Alaska Sea Grant, University of Alaska Fairbanks, Fairbanks. Pp. 3-34.

*Prior to arrival at UO*

2007 P. Roe, J. L. Norenburg and **S. A. Maslakova**. Nemertea. In: *The Light and Smith Manual: Intertidal Invertebrates from Central California to Oregon*, 4th Edition. Edited by J. Carlton. Pp. 182-196 (Plates 86-90).

2006 Maslakova S. A. Nemertea. In: Illustrated Atlas of Marine Invertebrates of the White Sea. N. N. Marfenin (Ed.) (In Russian). KMK. Moscow. pp. 103-106

**Other publications (4)**

2009 Emlet E.B., **Maslakova, S. A.**, Shanks, A. & C. M. Young. Biological Bulletin Virtual Symposium: Biology of Marine Invertebrate Larvae (Editorial). *Biological Bulletin* 216: 201-202.

2010 Schwartz, M.L. & **S. A. Maslakova**. Editorial (Conference Proceedings: 7th International. Conference on Nemertean Biology). *Journal of Natural History* 44: 2249-2250.

*Prior to arrival at UO*

2002Crandall, F. B., Norenburg, J. L., Chernyshev, A. V., **Maslakova, S. A**., Schwartz, M. L. & Kajihara, H. Checklist of the Nemertean Fauna of Japan and Northeastern Asia. <http://www.uoregon.edu/~svetlana/iWeb/Home/Publications_files/Checklist%20of%20Eastern%20Pacific-Japan.pdf>

2001 Chernyshev, A. V. and **Maslakova, S. A**. Phylum Nemertea. In: "List of species of free-living invertebrates of Eurasian Arctic seas and adjacent deep waters". (In Russian). St.-Petersburg. Pp. 41-43.

*Invited talks (16)*

2012Diversity of nemertean larvae in the NE Pacific. Hopkins Marine Station, Stanford University.

2011Invention of a novel body plan: nemertean pilidium larva. Humboldt State University.

2010The invention of the pilidium larva in an otherwise perfectly good spiralian phylum Nemertea. Invited speaker at the symposium on “Spiralian development: conservation and innovation” organized by J. D. Lambert and E. Seaver. Annual meeting of the Society for Integrative and Comparative Biology. Seattle, WA.

2009Not all ciliated blobs are alike: comparative larval development in marine nemerteans (phylum Nemertea). Science Program Seminar Series. Washington State University, Vancouver, WA.

2008Nemertean embryonic and larval development. Guest lecture for the Comparative Embryology Course. Friday Harbor Laboratories.

2008Larval Diversity and Evolution in Nemerteans (Phylum Nemertea). Invited symposium speaker at the First International Congress on Invertebrate Morphology in Copenhagen, DK.

2006 Spiral cleavage and larval development of spiralians. Guest lecture for the Comparative Embryology Course. Friday Harbor Laboratories.

2005 Evolution of Nemertean Larval Development. Guest lecture for the Evolution of Development Course. Friday Harbor Laboratories.

2005 Systematics and Evolution of Smiling Worms. Seminar at the National Museum of Natural History. Smithsonian Institution. Washington D.C.

2005 Hidden trochophore in nemertean development revealed by confocal microscopy and cell lineage analysis. Invited Speaker for the Symposium on Microscopy. Annual Meeting of the Society for Integrative and Comparative Biology. San Diego, CA.

2004 Vestigial prototroch in a basal nemertean *Carinoma tremaphoros* (Palaeonemertea. Nemertea). Summer seminar at the Friday Harbor Laboratories.

2003 Cleavage and larval development in nemerteans – an evolutionary perspective. Seminar at the Department of Biological Sciences. James Cook University. Townsville, Australia.

2002 Development of a basal nemertean in a phylogenetic context: cleavage mosaics, axis determination and a hidden trochophore. Seminar at the Museum of Zoology. University of Cambridge. Cambridge, UK.

2002 Hidden trochophore in nemertean development – confocal voyage under the ciliated surface. Symposium on Life Histories of Marine Invertebrates. Smithsonian Marine Station at Fort Pierce. Fort Pierce, Florida, USA.

2002Hidden trochophore in nemertean development. Invited speaker at the Symposium on Evolution and Development. VI International Congress on Evolution and Systematic Biology. Patras, Greece.

2001 Trochophore and other news in nemertean development. Department of Invertebrate Zoology, Biological Faculty, Moscow State University, Moscow, Russia.

*Other contributed scientific presentations*

 \* presenting author † student co-author

2015 L.S. Hiebert†\* and **S.A. Maslakova.** Origin of a metamorphic life cycle in the phylum Nemertea: Hidden invaginated rudiments as possible precursors to imaginal discs. Inaugural meeting of the Pan-American Society for Evolutionary Developmental Biology. Berkeley, CA

2015 **S.A. Maslakova\*,** L.S. Hiebert†, A. Bird† and G. von Dassow. Origin of a novel larval body plan in ribbon worms (Nemertea, Spiralia). Inaugural meeting of the Pan-American Society for Evolutionary Developmental Biology. Berkeley, CA

2014 Z. Swider\* †, L.S. Hiebert †, **S.A. Maslakova** and G. von Dassow. Expression and function of Otx during ciliated band development in the pilidium larva. Annual meeting of the Society for Integrative and Comparative Biology. Austin, TX.

2014 **Maslakova S.A\***. and G. von Dassow. How the pilidium larva escapes an ancient constraint. Annual meeting of the Society for Integrative and Comparative Biology. Austin, TX.

2014 Hiebert, L.S †.\* and **S. A. Maslakova.** How the pilidium larva uses its Hox genes. Annual meeting of the Society for Integrative and Comparative Biology. Austin, TX.

2014 Hiebert, T.C. †\* and **S. A. Maslakova.** A life-history approach to describing species diversity of nemerteans in NE Pacific. Annual meeting of the Society for Integrative and Comparative Biology. Austin, TX.

2014 Hiebert T.C. †\*, Burgess, A.K. †, Labella A. †, Young, C.M. and **S.A. Maslakova**. Genetic identification of bivalve larvae from deep-sea seep communities. Annual meeting of the Society for Integrative and Comparative Biology. Austin, TX.

2013 Bird A. †, von Dassow, G., and **S. A. Maslakova\***. How the pilidium larva grows. Northwest regional Society for Developmental Biology Conference. Friday Harbor, WA.

2013 **Maslakova\* S.A**., von Dassow G., Hiebert L. S. † and T.H. Hiebert †. Biodiversity of nemertean larval forms in NE Pacific. Annual meeting of the Society for Integrative and Comparative Biology. San Francisco, CA.

2013 Hiebert\* T.C. †, von Dassow G., Hiebert L.S. †, and **S.A. Maslakova**. Long-standing larval mystery solved — *pilidium recurvatum* is the larva of *Riserius* sp., a basal heteronemertean (Heteronemertea; Pilidiophora; Nemertea). Annual meeting of the Society for Integrative and Comparative Biology. San Francisco, CA.

2013 von Dassow\* G., Emlet R., and **S. A. Maslakova**. How the pilidium larva feeds. Annual meeting of the Society for Integrative and Comparative Biology. San Francisco, CA.

2013 Bird A. †, von Dassow, G., and **S. A. Maslakova\***. How the pilidium larva grows. Annual meeting of the Society for Integrative and Comparative Biology. San Francisco, CA.

2013 von Dassow\* G. and **S. A. Maslakova.** How the pilidium larva pees. Annual meeting of the Society for Integrative and Comparative Biology. San Francisco, CA.

2012 **Maslakova\* S. A.** Larvae and the dark matter of nemertean diversity - a case study from Oregon. 10th International Larval biology Symposium, Berkeley, CA.

2012 Bird\* A.†, von Dassow, G., and **S. A. Maslakova.** Patterns of growth in ciliated marine invertebrate larvae. 10th International Larval biology Symposium, Berkeley, CA.

2012 Hiebert\* L.S.† and **S. A. Maslakova.** Comparing axial patterning in nemertean larvae - insights into the evolution of a novel larval body plan. 10th International Larval biology Symposium, Berkeley, CA.

2012 Hiebert\*, L.S.† and **S.A. Maslakova.** Axial patterning in nemertean larvae - insights into the evolution of a novel larval body plan. Annual meeting of the Society for Integrative and Comparative Biology. Charleston, SC.

2011 Hiebert\*, L.S.† and **S.A. Maslakova.** Comparing axial patterning in nemertean larvae - insights into the evolution of a novel larval body plan. Annual meeting of the Society for Integrative and Comparative Biology. Seattle, WA.

2009 **Maslakova\*, S. A.** Comparative Larval Development of Nemerteans. 7th International Conference on Nemertean Biology. Santa-Barbara, CA.

2008 **Maslakova\*, S. A**. & J. von Döhren. Enigmatic transitory epidermis in planktonic larval development of a hoplonemertean *Paranemertes peregrina* (Nemertea, Lophotrochozoa)*.* Annual meeting of the Society for Integrative and Comparative Biology. San Antonio, TX.

2006 **Maslakova\*, S. A.**, Kevin G. Becker and M. V. Matz. Origin of the pilidium larva in nemertean worms (Phylum Nemertea) – systems biology approach. 7th Larval Biology Symposium, Coos Bay, OR.

2006 **Maslakova\*, S. A.** and M. V. Matz. Investigating the origins of a novel larval body plan in nemerteans (Phylum Nemertea). Meeting of the NW division of the Society for Developmental Biology. Friday Harbor Laboratories, University of Washington. Friday Harbor, WA.

2006 **Maslakova\*, S. A.** and M. V. Matz. Evolution of larval development in nemerteans (phylum Nemertea). Contribution to the Symposium on Metamorphosis. Annual meeting of the Society for Integrative and Comparative Biology. Orlando, FL

2003 **Maslakova\*, S.A**., Martindale, M. Q. and Norenburg, J. L. Modification of the spiralian developmental program in nemerteans (Phylum Nemertea). Developmental Basis of Evolutionary Change III. Chicago, IL

2002 **Maslakova\*, S. A.** & J. L. Norenburg. Trochophore in nemerteans: evidence from the development of a basal nemertean *Carinoma tremaphoros* (Palaeonemertea). Annual meeting of the Society for Integrative and Comparative Biology. Anaheim, CA.

2001 **Maslakova\*, S. A**., Martindale, M. Q., and Norenburg, J. L. Remains of pilidium in direct developing nemerteans? Annual meeting of the Society for Integrative and Comparative Biology. Chicago, IL.

2000 **Maslakova\*, S. A.** & J. L. Norenburg. Phylogenetic study of Pelagic Nemerteans. 5th International Conference on Nemertean Biology. Alcala de Henares. Spain.

2000 **Maslakova\*, S. A.,** Malakhov, V. V. & J. L. Norenburg. Indirect development in the order Hoplonemertini (phylum Nemertea). Annual Meeting of the Society for Integrative and Comparative Biology.

***Courses taught***

* BI457/557 *Comparative Embryology and Larval Biology* (Univ. Oregon). 2014, 2013, 2012, 2011, 2010
* BI457/557 *Molecular Marine Biology* (Univ. Oregon). 2015, 2013, 2012, 2011, 2009, 2008 (on maternity leave in Fall 2010, Fall 2014)
* BI 607 *Seminar Current Issues in Marine Biology* (Univ. Oregon) 2014, 2013, 2012, 2010
* BI 507 *Seminar in Marine Biology* (Univ. Oregon) 2015, 2013, 2011, 2009
* Guest instructor (4-5 labs per year) in BI 253, BI 283 *Honors III: Evolution, Diversity and Ecology* (labs on fertilization and development) and BI199 *Habitats of the Oregon Coast* (Univ. Oregon). 2013, 2012, 2011, 2010, 2009, 2008
* *Comparative Embryology of Marine Invertebrates* (Friday Harbor Labs, Univ. Washington). 2007

***Students advised***

*Ph.D. students*

Terra Hiebert (Principal Advisor, 2011-2016)

Marley Jarvis (DAC member, 2009-2015)

Laurel Hiebert (Principal Advisor, 2008-2015)

Paul Dunn (DAC member, 2008-2011)

*M.S. students*

Caitlin Plowman (committee member 2014-present)

Nicole Moss (Principal Advisor, 2015-present)

Marie Hunt (Principal Advisor, 2013-present)

April Bird (Principal Advisor, 2010-2012)

Kira Treibergs (committee member, 2010-2012)

Zair Burris (committee member, 2009-2010)

Greg Gavelis (Principal Advisor, 2008-2009)

*Other students*

Marcel Rockwell (UO, undergraduate research, 2013)

Leeah Whittier (Umpqua Community College, summer research intern, 2013)

Zachary Swider (Santa Barbara City College, summer research intern, 2013)

Kirstin Meyer (Ph.D., lab rotation 2013)

Keira Roberts (Portland Community College, summer research intern 2012)

Christopher Cohen(Mt Hood Community College, summer research intern 2012)

Matthew Clark (Ph.D., lab rotation 2012)

Jenna Valley(Ph.D., lab rotation 2012)

Amy Burgess (Ph.D., lab rotation 2012)

Anthony Dores (UO, undergraduate research 2011)

Marley Jarvis (Ph.D., lab rotation 2010)

Aki Ohdera (UO, undergraduate research, 2009)

Melanie Marine (UO, undergraduate research, 2008)

***University of Oregon academic and administrative service***

* OIMB faculty search committee, 2014-2015
* Biology Dept. Curriculum Committee, 2011-2014
* Biology Dept. Diversity Committee, 2009-2010
* OIMB, Quarterly Exam (Developmental Biology), yearly
* OIMB Seminar Series organizer Spring 2009, Fall 2011, Fall 2013, Fall 2015
* ***Scientific review and editing***
* NSF proposal review panel, Directorate for Biological Sciences: Integrative Organismal Systems: Developmental Cluster: Evolution of Developmental Mechanisms (March 2012, October 2012)
* NSF proposal reviewer (2008- present)
* Guest editor *Biological Bulletin*, *Journal of Natural History* (2008-2010)
* Reviewer for *Biological Journal of the Linnean Society, Biological Bulletin, Invertebrate Biology, Developmental Dynamics, Journal of Natural History, Proceedings of the Biological Society of Washington, Polar Biology, Zoological Science, Journal of Zoological Systematics and Evolutionary Research, Zootaxa, Zookeys, Species Diversity, Marine Biodiversity Records,* and other journals.

***Conference organizer***

7th International Conference on Nemertean Biology, Santa Barbara, CA 2009

***Other scientific community service***

* I collect and supply marine invertebrates to colleagues around the world for research and teaching: Dr. Per Sundberg, University of Gothenburg, Sweden; Dr. Bruno Pernet, California State U., Long Beach; Dr. Mikhail Matz, UTexas at Austin; Dr. Louise Allcock, National University of Ireland, Galway, Ireland; Dr. Jon Norenburg, Smithsonian Institution, Washington D.C.; Dr. Alexei Chernyshev, Institute of Marine Biology, Vladivostok, Russia; Dr. Hiroshi Kajihara, Hokkaido University, Sapporo, Japan
* I maintain a modern molecular laboratory, a microinjection set up, and a confocal microscope at a marine station which serves other resident faculty, their students, as well as visiting researchers.

***Public outreach***

* OIMB open house (2008-2011)
* OIMB public lectures (2)
* Public exhibit of photomicrographs “Blow-up: Artistic Microscopy” at the Coos Art Museum in Coos Bay, OR (2009)
* Judge, Southwestern Oregon Regional Science Expo 2009
* Panelist, “Careers in Art” (Southwestern Oregon Community College) 2009
* Expert Day at the Friday Harbor Middle School (2007)
* Guided Intertidal field trip for members of the public, Friday Harbor, WA (2006-2008)
* Friday Harbor Labs public lecture (2006-2008)
* Friday Harbor Labs open house (2006-2008)

***Educational web resources***

*Invertebrate Embryology* [www.invert-embryo.blogspot.com](http://www.invert-embryo.blogspot.com)

I edited over 120 illustrated articles on development of marine invertebrates composed by students in my *Comparative Embryology and Larval Biology* course (2010-2013). This site provides quality educational material, and raises public appreciation of the beauty and importance of development of marine animals.

***Media***

2013 A report by a student-journalist, Chris Laumer (Harvard University), on the website of the Society for Integrative and Comparative Biology features Maslakova’s research on larvae

 <http://www.sicb.org/students/laumerc.php>

2009 *Oregon Quarterly* magazine showcases some of Maslakova and von Dassow’s artistic photomicrographs <http://www.oregonquarterly.com/autumn2009/web_extra_3.php>