

Curriculum Vitae

–Yong-Geun Oh–

Education

1. 1983–1988, U.C. Berkeley, Ph.D in Mathematics conferred May 1988, Dissertation research supervised by Professor A. Weinstein.
2. 1979–1983, Seoul National University, B.A in Math.

Employment

1. Member, Institute for Advanced Study, Princeton, Jan 2012 - May 2012.
2. Distinguished University Professor (part time), Pohang Institute for Science and Technology (POSTECH), Pohang, Korea for the period 2010 - 2012.
3. Visiting Chair Professor, National Institute for Mathematical Sciences, Korea, Sept 2009 - Jan 2010.
4. Sabbatical Visiting Professor, Stanford University, for the academic year 2004-2005.
5. Professor, University of Wisconsin-Madison, Department of Mathematics, 2001 - present
6. Member, Institute for Advanced Study, Princeton, September 2001 - June 2002
7. Professor (part time), Korea Institute for Advanced Study, August 2000 - Dec 2008.
8. Professor (full time), Korea Institute for Advanced Study, August 1998 - July 2000.
9. Visiting Professor, RIMS, Kyoto University, Kyoto, JAPAN, September 1 - December 15, 1999.
10. Associate Professor, University of Wisconsin-Madison, Department of Mathematics, 1997 – 2001
11. Assistant Professor, University of Wisconsin-Madison, Department of Mathematics, 1991 – 1997
12. Research member, Newton Institute, Cambridge, UK, July - December, 1994.
13. Member, Institute for Advanced Study, Princeton, 1991–1992.
14. Courant Instructor, New York University, Courant Institute, 1989–1991.
15. Post-doctoral Research Fellow, Mathematical Sciences Research Institute, 1988–1989.
16. Research Assistant, Department of Math. U.C.B., Fall 1987, Spring 1987 and Fall 1985.
17. Teaching Assistant, Department of Math. U.C.B., Fall 1986, Spring 1986, Fall 1984 and Spring 1984.

Major invited visits with support

1. Invitation to the special program “Symplectic Dynamics”, Institute for Advanced Study, Sept 2011 - May 2012.
2. Invited visit of IHES, Orsay, France, June 1 - July 31, 2011.
3. Fields institute, for the program “Geometry of String Theory”, Nov 2004 & Jan 2005.
4. IPAM, UCLA, March 17 - 28 & May 19 - June 13, 2003. for the program “Symplectic Geometry and Physics”
5. RIMS, Kyoto University, Kyoto, JAPAN, September 1 - December 15, 1999.
6. University of Warwick, Coventry, UK, June - July, 1998.
7. Kyoto University, Kyoto, JAPAN, Jan 6 - Jan 17, 1998.
8. IHES, Bures-sur Yvette, FRANCE, August 1- 31, 1997.
9. IHES, Bures-sur-Yvette, FRANCE, May 28 - August 3, 1992.
10. Institute for Advanced Study, Berlin, GERMANY, June 2- June 14, 1991.

Honors and Awards

1. NSF Grant proposal submitted under the project “ Gromov-Witten-Floer theory and symplectic topology”, July 1 2012–June 30, 2015 (pending).
2. NSF proposal # DMS-0852446, February 1, 2010 – January 31, 2011 (for the Great Lakes Geometry Conference-2010).
3. NSF Grant DMS-0904197 under the project “ Floer homology in mirror symmetry and in symplectic topology”, Sept 15 2009–Sept 14, 2012.
4. Chairs Van Vleck Professorship, Department of Mathematics in University of Wisconsin, 2007 - 2011.
5. A section speaker (Geometry) for the ICM-2006, Madrid.
6. NSF Grant DMS-0503594 under the project “ Symplectic topology, mirror symmetry and analysis of pseudo-holomorphic curves”, July 1 - 2005, June 30, 2008.
7. NSF Grant DMS-0203593 under the project “Floer theory, symplectic geometry and the mirror symmetry”, July 15, 2002 - June 30. 2005
8. Vilas Associate Award in the University of Wisconsin, June 2002 - May 2004.
9. The year 2000 Korean Young Scientist Prize.
10. NSF Grant DMS-9971446 under the project entitled “ Topology and geometry of Lagrangian submanifolds and its applications”, July 15, 1999–June 30, 2002.
11. UW Graduate Research Awards, July 1, 1998 - June 30, 1999.

12. NSF Grant DMS-9504455 under the project entitled “Symplectic Topology and Riemannian Geometry of Lagrangian Submanifolds”, for the 3 year period, Jun. 1, 1995–May 31, 1998.
13. EPSRC Visiting Fellowship for the visit in the Issac Newton Institute, Cambridge, England, Sept. 1–Dec. 31, 1994.
14. NSF Travel grant to ICM-1994, Zürich, Switzerland.
15. UW Graduate Research Awards, July 1- June 30, 1995.
16. NSF Grant DMS-9215011 under the project entitled “Riemannian Geometry and Symplectic Topology of Lagrangian Submanifolds”, Dec. 1992 – Nov. 1994.
17. NSF Travel to ICM 1990, Kyoto, Japan. (declined).
18. NSF Grant DMS-9012367, under the project entitled “Riemannian Geometry of Lagrangian Submanifolds”, Sept. 1990 – August 1992.
19. New York University Research Challenge Fund, under the same project as in NSF Grant DMS-9012367, June 1990–June 1991.
20. The Bernard Friedman memorial prize in Applied Math., at the 125th Commencement of U.C. Berkeley, May 1988.

Professional services

1. A review panelist for the 2011 US NSF grant proposals
2. A review panelist for the 2010 US NSF grant proposals.
3. A co-organizer of the international conference “Mirror symmetry and Gromov-Witten theory” in National Institute for Mathematical Sciences (NIMS), Seoul, Jan 11-15, 2010.
4. A co-organizer of the international conference “Symplectic, contact and low dimensional topology” in National Institute for Mathematical Sciences (NIMS), Seoul, Nov 16-20, 2009.
5. Served as a nominator of the candidate for the Kyoto Prize in basic science, since 2006 - present.
6. An editor of Journal of Mathematics of Kyoto University, since 2009.
7. Served as reviewers for the grants submitted to Israel National Foundation, Korean National Foundation and others.
8. A co-chair of the organizing committee for the workshop ‘Symplectic topology and measure-preserving dynamical systems’, 2007 Joint AMS-ISM-SIAM Summer Research Conference, organized by Albert Fathi, Yong-Geun Oh, and Claude Viterbo, July 1 - July 6, 2007.

9. An editor for Gokova Geometry/Topology Journal, since 2006.
10. A review panelist for the 2005 US NSF grant proposals.
11. A member of the scientific committee for the annual Pacific Rim Complex Geometry conference, 2005.
12. A co-editor of the Proceedings for the 4-th KIAS international conference, “Symplectic Geometry and Mirror Symmetry”, World Scientific Publishing Inc., October, 2001.
13. A co-organizer of the 4-th KIAS international conference “Symplectic geometry and mirror symmetry” in KIAS, Seoul, August 14-18, 2000.
14. A co-organizer of the international workshop “Four dimensional manifolds” in KIAS, Seoul, June 5-8, 2000.
15. A co-organizer of the international workshop “Global Riemannian geometry” in KIAS, Seoul, Feb 5-7, 2000.
16. The organizer of the winter school “Symplectic geometry, mirror symmetry and string theory” in KIAS, January 11–15, 1999.
17. A member of Korean Mathematical Society since 1998.
18. A co-organizer of the special session “Symplectic topology and quantum cohomology” in Milwaukee AMS meeting, Oct 24–25, 1997.
19. A reviewer of Zentralblatt für Mathematik since January, 1997.
20. A member of the editorial board for the journal J. of Korean Math. Soc. published by Korean Mathematical Society, Seoul Korea, since January, 1999.
21. A reviewer of Mathematics Review since August, 1989.
22. A member of American Mathematical Society since 1984.

Graduate students supervised

1. Yoosik Kim, current student.
2. Jie Zhao, current student.
3. Jaeho Lee, current student.
4. Erkao Bao, current student.
5. Joanne Nelson, UW-Madison, current student
6. Dongning Wang, UW-Madison, current student.
7. Lino Amorim, UW-Madison, current student.
8. Rui Wang, UW-Madison, current student.
9. Garrett Alston, UW-Madison, current student.

10. Stefen Müller, UW-Madison, 2008 Ph. D. in UW-Madison; Post-doc, Korea Institute for Advanced Study, 2008 -present.
11. Noah Kieserman, UW-Madison, 2008 Ph. D. in UW-Madison; Bowdoin College, Maine.
12. Peter Spaeth, 2006 Ph. D. in UW-Madison ; Post-doc, Korea Institute for Advanced Study, 2009 - present.
13. Cheol-Hyun Cho, 2003 Ph.D. in UW-Madison ; tenured Associate Professor, Seoul National University, Seoul, Korea, 2006 - present.
14. Rajesh Kasturirangan, 1998 Ph. D. in UW-Madison ; National Institute of Advanced Studies, Bangalore, India
15. Darko Milinkovic, 1996 Ph. D. in UW-Madison ; University of Belgrade, Yugoslavia.

Books published

- **Lagrangian intersection Floer theory - anomaly and obstruction -**, research monograph, jointed with K. Fukaya, H. Ohta and K. Ono, AMS/IP Studies in Advanced Mathematics, vol 46 I & II, AMS/International Press, 2009.