

## Curriculum Vitae

–Yong-Geun Oh–

**A. Personal Data:** Born on January 1, 1961

**B. 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.

**C. Employment:** 1. Professor, POSTECH, Nov. 1, 2013 - present.

2. Institute for Basic Sciences, Center for Geometry and Physics, Director, July 31 2012-present.

3. Distinguished University Professor (part time), Pohang Institute for Science and Technology (POSTECH), Pohang, Korea for the period May 16, 2010 - Oct. 31, 2013.

4. Visiting Chair Professor, National Institute for Mathematical Sciences, Korea, Sept. 2009 - Jan. 2010.

5. Sabbatical Visiting Professor, Stanford University, for the academic year 2004-2005.

6. Professor, University of Wisconsin-Madison, Department of Mathematics, 2001 - present

7. Member, Institute for Advanced Study, Princeton, September 2001 - June 2002

8. Professor (part time), Korea Institute for Advanced Study, August 2000 - Dec 2008.

9. Professor (full time), Korea Institute for Advanced Study, August 1998 - July 2000.

10. Visiting Professor, RIMS, Kyoto University, Kyoto, JAPAN, September 1 - December 15, 1999.

11. Associate Professor, University of Wisconsin-Madison, Department of Mathematics, 1997 – 2001

12. Assistant Professor, University of Wisconsin-Madison, Department of Mathematics, 1991 – 1997

13. Research member, Newton Institute, Cambridge, UK, July - December, 1994.

14. Member, Institute for Advanced Study, Princeton, 1991–1992.

15. Courant Instructor, New York University, Courant Institute, 1989–1991.

16. Post-doctoral Research Fellow, Mathematical Sciences Research Institute, 1988–1989.

17. Research Assistant, Department of Math. U.C.B., Fall 1987, Spring 1987 and Fall 1985.

18. Teaching Assistant, Department of Math. U.C.B., Fall 1986, Spring 1986, Fall 1984 and Spring 1984.

- D. Major invited visits with support:**
1. Invitation to the program in Moduli Spaces of Pseudo-holomorphic curves and their applications to Symplectic Topology in Simons Center for Geometry and Physics, during the spring semester of 2014, from January 2 – June 30, 2014.
  2. Invitation to the program “Tropical geometry in its complex and symplectic aspects” in the Bernoulli centre, Lausanne, Switzerland, Jan 1 – Jun 30, 2014.
  3. Invitation to the special program “Symplectic Dynamics”, Institute for Advanced Study, Sept 2011 - May 2012.
  4. Invited visit of IHES, Orsay, France, June 1 - July 31, 2011.
  5. Fields institute, for the program “Geometry of String Theory”, Nov 2004 & Jan 2005.
  6. IPAM, UCLA, March 17 - 28 & May 19 - June 13, 2003. for the program “Symplectic Geometry and Physics”
  7. RIMS, Kyoto University, Kyoto, JAPAN, September 1 - December 15, 1999.
  8. University of Warwick, Coventry, UK, June - July, 1998.
  9. Kyoto University, Kyoto, JAPAN, Jan 6 - Jan 17, 1998.
  10. IHES, Bures-sur Yvette, FRANCE, August 1- 31, 1997.
  11. IHES, Bures-sur-Yvette, FRANCE, May 28 - August 3, 1992.
  12. Institute for Advanced Study, Berlin, GERMANY, June 2- June 14, 1991.

- E. Honors and Awards:**
1. Elected to be a member of Korean Academy of Sciences and Technology, Jan 2014.
  2. 2012 Kyung-Ahm Prize for Arts and Science, November 2012, Kyung-Ahm Arts and Science Foundation.
  3. NSF proposal # DMS-1242683, August 1, 2012 - July, 2013 for the conference “ Mirror Symmetry in MidWest II, 2012” .
  4. NSF proposal # DMS-0852446, February 1, 2010 – January 31, 2011 (for the Great Lakes Geometry Conference-2010).
  5. NSF Grant DMS-0904197 under the project “ Floer homology in mirror symmetry and in symplectic topology”, Sept 15 2009–Sept 14, 2012.
  6. Chair’s Van Vleck Professorship, Department of Mathematics in University of Wisconsin, 2007 - 2011.
  7. A section speaker (Geometry) for the ICM-2006, Madrid.
  8. NSF Grant DMS-0503594 under the project “ Symplectic topology, mirror symmetry and analysis of pseudo-holomorphic curves”, July 1 - 2005, June 30, 2008.

9. NSF Grant DMS-0203593 under the project “Floer theory, symplectic geometry and the mirror symmetry”, July 15, 2002 - June 30. 2005
10. Vilas Associate Award in the University of Wisconsin, June 2002 - May 2004.
11. The year 2000 Korean Young Scientist Prize.
12. NSF Grant DMS-9971446 under the project entitled “Topology and geometry of Lagrangian submanifolds and its applications”, July 15, 1999–June 30, 2002.
13. UW Graduate Research Awards, July 1, 1998 - June 30, 1999.
14. 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.
15. EPSRC Visiting Fellowship for the visit in the Issac Newton Institute, Cambridge, England, Sept. 1–Dec. 31, 1994.
16. NSF Travel grant to ICM-1994, Zürich, Switzerland.
17. UW Graduate Research Awards, July 1- June 30, 1995.
18. NSF Grant DMS-9215011 under the project entitled “Riemannian Geometry and Symplectic Topology of Lagrangian Submanifolds”, Dec. 1992 – Nov. 1994.
19. NSF Travel to ICM 1990, Kyoto, Japan. (declined).
20. NSF Grant DMS-9012367, under the project entitled “Riemannian Geometry of Lagrangian Submanifolds”, Sept. 1990 – August 1992.
21. New York University Research Challenge Fund, under the same project as in NSF Grant DMS-9012367, June 1990–June 1991.
22. The Bernard Friedman memorial prize in Applied Math., at the 125th Commencement of U.C. Berkeley, May 1988.

**F. Professional services:**

1. A review panelist for the 2014 Korean Young Scientist Prize.
2. A co-organizer of the conference “Homological mirror symmetry and symplectic topology”, (ICM-2014 Satellite Conference) IBS-CGP, Pohang, August 4(Mon) 8(Fri), 2014.
3. A co-organizer of the 2014-Pacific Rim Complex Geometry Conference, ((ICM-2014 Satellite Conference), Gunsan, July 27 August 1, 2014.
4. A co-organizer of the conference “Landau-Ginzburg theory and Fano varieties”, IBS-CGP, Pohang, May 26 30, 2014.
5. A co-organizer of the conference “ $C^0$ -symplectic topology and dynamical systems”, IBS-CGP, Pohang, January 20 24, 2014.
6. A review panelist for the 2014 US NSF grant proposals.

7. A co-organizer of the conference “Mirror symmetry in Midwest II”, University of Wisconsin-Madison, Nov 8 - Nov 11, 2012.
8. A review panelist for the 2011 US NSF grant proposals.
9. A review panelist for the 2010 US NSF grant proposals.
10. A co-organizer of the conference “Great Lakes Geometry Conference-2010”, University of Wisconsin-Madison, April 10 -11, 2010.
11. 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.
12. 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.
13. Served as a nominator of the candidate for the Kyoto Prize in basic science, since 2006 - present.
14. An editor of Journal of Mathematics of Kyoto University, since 2009.
15. Served as reviewers for the grants submitted to Israel National Foundation, Korean National Foundation and others.
16. 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.
17. An editor for Gokova Geometry/Topology Journal, since 2006.
18. A review panelist for the 2005 US NSF grant proposals.
19. A member of the scientific committee for the annual Pacific Rim Complex Geometry conference, 2005.
20. A co-editor of the Proceedings for the 4-th KIAS international conference, “Symplectic Geometry and Mirror Symmetry”, World Scientific Publishing Inc., October, 2001.
21. A co-organizer of the 4-th KIAS international conference “Symplectic geometry and mirror symmetry” in KIAS, Seoul, August 14-18, 2000.
22. A co-organizer of the international workshop “Four dimensional manifolds” in KIAS, Seoul, June 5-8, 2000.
23. A co-organizer of the international workshop “Global Riemannian geometry” in KIAS, Seoul, Feb 5-7, 2000.
24. The organizer of the winter school “Symplectic geometry, mirror symmetry and string theory” in KIAS, January 11–15, 1999.

25. A member of Korean Mathematical Society since 1998.
26. A co-organizer of the special session “Symplectic topology and quantum cohomology” in Milwaukee AMS meeting, Oct 24–25, 1997.
27. A reviewer of Zentralblatt für Mathematik since January, 1997.
28. A member of the editorial board for the journal J. of Korean Math. Soc. published by Korean Mathematical Society, Seoul Korea, since January, 1999 - 2013.
29. A reviewer of Mathematics Review since August, 1989.
30. A member of American Mathematical Society since 1984.

**G. Graduate students supervised:** 1. Seonghwa Hong, POSTECH, current student.

2. Yoosik Kim, University of Wisconsin-Madison, current student.
3. Jaeho Lee, University of Wisconsin-Madison, current student.
4. Dongning Wang, UW-Madison, 2013 Ph. D., in UW-Madison, Post-doc, IBS IBS Center for Geometry and Physics, 2013-2016
5. Erkao Bao, 2013 Ph. D. in UW-Madison; Post-doc, UCLA, 2013 - 2015.
6. Rui Wang, UW-Madison, 2013, Ph. D.; post-doc, IBS Center for Geometry and Physics, 2013-2016.
7. Lino Amorim, UW-Madison, 2012, Ph. D.; Post-doc, Oxford University, 2012 - present.
8. Garrett Alston, UW-Madison, 2010 Ph. D.; University of Oklahoma, 2014 - present.
9. Stefen Müller, UW-Madison, 2008 Ph. D. in UW-Madison; Lecturer, University of Illinois, Urbana-Champaign, 2014 - present.
10. Noah Kieserman, UW-Madison, 2008 Ph. D. in UW-Madison;
11. Peter Spaeth, 2006 Ph. D. in UW-Madison.
12. Cheol-Hyun Cho, 2003 Ph.D. in UW-Madison ; Associate Professor, Seoul National University, Seoul, Korea, 2006 - present.
13. Rajesh Kasturirangan, 1998 Ph. D. in UW-Madison ; National Institute of Advanced Studies, Bangalore, India
14. Darko Milinkovic, 1996 Ph. D. in UW-Madison ; University of Belgrade, Yugoslavia.

**H. Books published:** • **Symplectic topology and Floer homology**, to appear in the Cambridge University Press Series “New Mathematical Monographs” in 2 volumes,

- **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.