

## CURRICULUM VITAE

Gunther Uhlmann

**Education:** Licenciado en Matemáticas, Univ. de Chile, Santiago, Chile 1973.

Ph.D., M.I.T., September 1976.

### Professional Experience:

- Walker Family Endowed Professor in Mathematics, University of Washington, 2006–present.
- Professor of Mathematics, University of Washington, 1987–present.
- Adjunct Professor Applied Mathematics, University of Washington, 2008–present.
- Senior CARMIN position, IHES and IHP, Paris, France, Spring 2015.
- Si Yuan Professor, Institute for Advanced Study, Hong Kong University of Science and Technology, 2014–2018.
- Chair of Excellence Fondation Mathématiques de paris, 2012–2013.
- Finish Distinguished Professor, University of Helsinki, 2013–2017.
- Rothschild Distinguished Visiting Fellow, Cambridge University and Isaac Newton Institute for Mathematical Sciences, Cambridge, England, Fall 2011.
- Chancellor Professor, UC Berkeley, Fall 2010.
- University of California Irvine Excellent in Teaching Chair in Mathematics, 2010–2012.
- Associate Professor, University of Washington, 1984–1987.
- Assistant Professor, M.I.T., 1980–1985.
- Instructor, M.I.T., 1978–1980.
- Courant Instructor, Courant Institute, NYU, 1977–1978.
- Research Fellow, Harvard University, Winter, Spring 1977.
- Research Associate, M.I.T., Fall 1976.

### Selected Awards, Honors and Fellowships:

- Public Lecture ICERM, Providence, Rhode Island, April, 2016.
- The Louis Nirenberg Lectures on Geometric Analysis, CIRM, Canada, 2016.
- Lecture on the 50th Anniversary of Faculty of Sciences, University of Chile, Santiago, Chile, August, 2016.
- Plenary lecture, International Congress of Mathematical Physics, Santiago, Chile, July, 2015.
- Senior CARMIN position, IHES and IHP, Paris, France, Spring 2015.
- Institute for Advanced Study Si Yuan Professor, Hong Kong University of Science and Technology, Fall 2014.

- Public Lecture, Institute for Advanced Study Commons, HKUST, Hong Kong, November 2014.
- The Eight Annual Baylor Lecture Series in Mathematics, Baylor University, Waco, Texas, October, 2014.
- Foreign Member of the Finnish Academy of Sciences, elected 2013.
- Simons Fellow, 2013-2014.
- Finnish Distinguished Professor, 2013-2017.
- AMS Fellow, elected 2012.
- Member Washington State Academy of Sciences, elected 2012.
- Chaire d'Excellence 2012-2013 of the Fondation Sciences Mathématiques de Paris.
- Einstein Public Lecture, AMS, March 2012.
- Ordway Distinguished Visitor, 2011-2012, University of Minnesota.
- Rothschild Distinguished Visiting Fellow, Cambridge University and Isaac Newton Institute for Mathematical Sciences, Cambridge, England, Fall 2011.
- Kleinman Prize, Society of Industrial and Applied Mathematics, 2011.
- Bocher Prize, American Mathematical Society, 2011.
- Clay Senior Scholar at MSRI, Fall 2010.
- Chancellor Professor, University of California, Berkeley, Fall 2010.
- Fellow American Academy of Arts and Sciences, elected 2009.
- Plenary Lecturer, International Congress of Industrial and Applied Mathematics 2007, Zurich, Switzerland, July, 2007.
- “Highly Cited Author” designation by Thomson/ISI, 2004.
- Fellow, Institute of Physics, elected 2004.
- PIMS Distinguished Chair, University of British Columbia, November 2002.
- John Simon Guggenheim Fellowship, 2001-2002.
- Corresponding Member of the Chilean Academy of Sciences, elected 2001.
- International Congress of Mathematicians, Invited Speaker, Berlin, 1998.
- Conference Board of Mathematical Sciences (CBMS), Principal Speaker, 1995.
- Alfred P. Sloan Research Fellowship, 1984.
- Annual Prize of Mathematics, Venezuela, 1982.

### **Selected Lectures**

- Academy lecture, Royal Swedish Academy of Sciences, Stockholm, October, 2016.
- Plenary Lecture V Latin American Congress of Mathematics, Barranquilla, Colombia, July, 2016.
- Public lecture at the Institute for Computational and Experimental Research in Mathematics, Providence, Rhode Island, April 2016.
- The Louis Nirenberg Lectures on Geometric Analysis, CIRM, Canada, 2016.

- Lecture on the 50th Anniversary of Faculty of Sciences, University of Chile, Santiago, Chile,
- Plenary lecture, International Congress of Mathematical Physics, Santiago, Chile, July, 2016. July, 2015.
- Perspectivas Matemáticas (Mathematical Perspectives), Instituto de Matemáticas UNAM, Mexico D.F., Mexico, April, 2015.
- Distinguished Lecture, Hong Kong Baptist University, November, 2014.
- Distinguished Lecture, Zhejiang University, China, November, 2014.
- Baylor Lectures, Fall 2014.
- Harmonic Analysis and Partial Differential Equations in honor of Carlos Kenig, U. Chicago, September, 2014.
- Public Lecture at SIAM SEAS 2014, Melbourne, Florida, March 2014.
- Institute for Advanced Study Si Yuan Professor Inaugural Lecture, Nov. 2013.
- Microlocal and Spectral Theory in honor of J. Sjöstrand, Luminy, France, September 2013.
- First Lecture of Leading Ideas Speaker Series organized by the Banff Center and BIRS, Banff, Canada, September, 2013.
- Finish Distinguished Professor (FiDiPro) Inaugural Lecture, University of Helsinki, September, 2013.
- Invited Speaker, Mathematical Congress of the Americas 2013, Guanajuato, Mexico, August, 2013.
- Taft Lectures, University of Cincinnati, November, 2012.
- Institute for Advanced Study Distinguished Lecture, Hong Kong University of Science and Technology, November 2012.
- Boeing Distinguished Lecture, Department of Applied Mathematics, University of Washington, October, 2012.
- Minicourse, Journées de' L'EDP, Biarritz, France, June, 2012 (6 hours).
- Ordway lectures, University of Minnesota, November 2011 and March 2012.
- Rothschild Lecture, Cambridge University and Isaac Newton Institute for Mathematical Sciences, Cambridge, England, September 2011.
- Institute for Advanced Study Distinguished Lecture, Hong Kong University of Science and Technology, August 2011.
- The 10th van Winter Memorial Lecture, University of Kentucky, February, 2011.
- Spectral and Scattering Theory and Related Topics, RIMS, Kyoto, Japan, Feb. 2011, a conference celebration of H. Isozaki's 60th birthday.
- Invited Address, First Joing Meeting AMS-SOMACHI, Pucón, Chile, Dec. 2010.
- Invited Topical Speaker, SIAM Annual meeting, Pittsburgh, July 2010.
- Plenary Speaker, Summer Meeting Canadian Mathematical Society, Fredricton, June, 2010.
- Arne Magnus Lectures, Colorado State University, April, 2010.
- Emil Grosswald Lectures, Temple, April 2009.

- Zygmund-Calderón Lectures, University of Chicago, April, 2008.
- Current Events Bulletin, Joint Annual Meeting, San Diego, January, 2008.
- Plenary Lecture in Lars Ahlfors Centennial Conference, Helsinki, Finland, August, 2007.
- Geometric Aspects of Analysis and Mechanics, a conference in honor of Hans Duistermaat 65th birthday, Utrecht, The Netherlands, August 2007.
- 10th Anniversary Celebration of Instituto de Matematicas, Universidad Nacional Autónoma de Mexico, Cuernavaca, Mexico, May, 2006.
- Algebraic Analysis of Differential Equations in honor of Prof. Takahiro Kawai on the occasion of his sixtieth birthday, RIMS, Kyoto, Japan, July 2005.
- Plenary Lecture, Annual Meeting, MITACS, Calgary, Canada, May, 2005.
- Invited hour address AMS, Annual Joints Meeting, Atlanta, January, 2005.
- Paris-Berkeley Analysis Video Conference, April, 2004.
- Richard Di Prima Annual Lecture, Rensselaer Polytechnic Institute, April, 2004.
- PIMS Distinguished Chair Lectures, University of British Columbia, Canada, November 2002 (3 lectures).
- Frontiers in Math Lectures, Texas A&M, March, 2004 (3 lectures).
- Plenary talk, invited by Korean Mathematical Society, at the conference “Mathematics in the New Millennium”, October, 2001.
- Annual Memorial Lecture José Rubio de Francia, Universidad Autónoma de Madrid, Spain, June 1997.
- Distinguished lecture series, The Institute of Applied Mathematics, University of British Columbia, Canada, October 1997.
- Plenary lecture at conference Harmonic Analysis and Partial Differential Equations in honor of Professor Alberto P. Calderón on the occasion of his 75th birthday, February, 1996.
- Invited address, Portland meeting American Mathematical Society, June 1991.
- Boeing Lecture, Wichita State University, April 1990.

**Mentorship** 32 PhD Students and 25 Postdocs.

PhD Students: José Antoniano; Fernando Brambila; Kurt Bryan; Charles Curtis; Carlos Tolmasky; Lizabeth Rachelle; Jenn-Nan Wang; Steve McDowall; Eduardo Chappa; Alexandru Tamasan; Karthik Ramaseshan; Michal Skokan; Mikko Salo; Bela Frygik; Matias Courdurier; Venkateswaran Krishnan; Leo Tzou; Ian Langmore; Sean Holman; James Vargo; Ting Zhou; Mark Hubenthal; Jie Chen; Ilker Kocyigit; Lee Patroliia; Justin Tittlefitz; Yang Yang; Kaloyan Marinov; Ru-Yu Lai; Peter Caday; Hanming Zhou; Yernat Assylbekov;