Curriculum Vitae

Lihe Wang

1. **Personal Information**

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   Address: Dept. of Math., University of Iowa, Iowa City, IA 52242

2. **Education**

   Sept. 1979 - Aug. 1983: B. A., Dept of Math, Beijing University

   Sept. 1983 - July 1985: M. S., Dept of Math, Beijing University

   Sept. 1985 - July 1986: M. S., Dept of Math, University of Chicago

   Sept. 1986 - July 1989: Ph.D., Courant Institute, New York University

3. **Professional Experience**

   Sept. 1986 - July 1989: Teaching Assistant, NYU

   Sept. 1989 - July 1991: Instructor of Mathematics, Princeton University.

   Sept. 1991 - Sept. 1993: Assistant Professor of Mathematics, Princeton University.

   July 1993-June 1997 : Associate Professor of Mathematics, University of Iowa,

   July 1994-1998 : Associate Professor of Mathematics, UCLA,

   December 2002-06 : Changjiang Professor of Mathematics, Xian Jiaotong University.

   July 1997-   : Professor of Mathematics, University of Iowa

4. **Research Interests**

   Partial Differential Equations: Elliptic, Parabolic and NS Equations.

   Geometric Problems: Curvature Flow Problems.

   Analysis: L^p Estimates and Several Complex Variables.

   Applied Mathematics: Fluid Mechanics, Computer Graphics, Finance and Ground Water Modeling.

5. **Awards and Research Grants**

   Research Grants:

   1990-2010 NSF regular grants.

   1998-1999, NSF grant for International Conference at Iowa.

   1998-1999, IMA grant for International Conference at Iowa.

   Sloan Fellow 1994-1997

6. **Some Publications**

[1](With Shaw, Mei-Chi) Hölder and L^p estimates for $\square_b$ on CR manifolds of arbitrary codimension. Math. Ann. 331 (2005), no. 2, 297–343.

[2] (with F. Almgren) Mathematical existence of crystal growth with Gibbs-Thomson curvature effects, J. Geom. Anal. 10 (2000), no. 1, 1–100.

[3]Hölder estimates for subelliptic operators. J. Funct. Anal. 199 (2003), no. 1, 228–242.

[4] (With Caffarelli, Luis A.; Souganidis, Panagiotis E.) Homogenization of fully nonlinear, uniformly elliptic and parabolic partial differential equations in stationary ergodic media. Comm. Pure Appl. Math. 58 (2005), no. 3, 319–361.

[5] (with Tai-Chia Lin) Regularity of the minimizer for the $d-$Wave Ginzburg-Landau energy,Methods Appl. Anal. 10 (2003), no. 1, 81–96.