DEGREES

PhD in Mathematics, May 1990
  UNIVERSITY OF ILLINOIS at Urbana-Champaign; 1984–1990
  Thesis Advisor: J. Jerry Uhl, Jr.

BS in Mathematics, June 1984
  SANTA CLARA UNIVERSITY; Santa Clara, California, 1981–1984
  Graduated in 3 years with cum laude honors

POSITIONS

PERMANENT POSITIONS (University of South Carolina at Columbia, Mathematics Department)

2003 – present	Full Professor
1996 – 2003	Associate Professor
1990 – 1996	Assistant Professor

VISITING PROFESSORSHIP (while on leave from USC)

Spring 05	Universität Karlsruhe, Germany
Spring 04	Universität Karlsruhe, Germany
AY 01–02	Universität Karlsruhe, Germany

FELLOWSHIPS (while on leave from USC)

Spring 04	Deutscher Akademischer Austausch Dienst (Universität Karlsruhe, Germany)
AY 01–02	Alexander von Humboldt Foundation (Universität Karlsruhe, Germany)
AY 00–01	Alexander von Humboldt Foundation (Universität Karlsruhe, Germany)
Spring 96	Mathematical Sciences Research Institute (Berkeley)
AY 90–91	Institut de Calcul Mathématique (Paris)

HONORS and AWARDS

Alexander von Humboldt Foundation Fellow
  since August 2000

NSF Workshops in Linear Analysis and Probability
  Texas A&M University; College Station, TX
  Invited Participant
  Summers: 92, 93, 94, 95, 96, 97, 98, 99, 00, 01

Program on Convex Geometry and Geometric Functional Analysis
  Mathematical Sciences Research Institute; Berkeley, CA
  Invited Participant and Member of the MSRI
  January – June 1996

USC Chapter of the Lilly Teaching Fellows Program
  Eli Lilly Endowment, Inc.
  Junior Teaching Fellow
  Senior Teaching Fellow: Dr. James Roberts
  AY 93–94

PUBLICATIONS

[25] Maria Girardi, *Operator-valued Fourier Haar multipliers*, J. Math. Anal. Appl., (to appear).

[24] Maria Girardi and Lutz Weis, *Operator-valued Martingale transforms and R-boundedness*, Illinois J. Math. **49** (2005), no. 2, 487–516.

[23] Maria Girardi and Lutz Weis, *Integral operators with operator-valued kernels*, J. Math. Anal. Appl. **290** (2004), no. 1, 190–212.

[22] Maria Girardi and Lutz Weis, *Operator-valued Fourier multiplier theorems on $L_p(X)$ and geometry of Banach spaces*, J. Funct. Anal. **204** (2003), no. 2, 320–354.

[21] Maria Girardi and Lutz Weis, *Criteria for R-boundedness of operator families*, Evolution equations, Lecture Notes in Pure and Appl. Math., vol. 234, Dekker, New York, 2003, pp. 203–221.

[20] Maria Girardi and Lutz Weis, *Vector-valued extensions of some classical theorems in harmonic analysis*, Analysis and applications—ISAAC 2001 (Berlin), Int. Soc. Anal. Appl. Comput., vol. 10, Kluwer Acad. Publ., Dordrecht, 2003, pp. 171–185.

[19] Maria Girardi and Lutz Weis, *Operator-valued Fourier multiplier theorems on Besov spaces*, Mathematische Nachrichten **251** (2003), 34–51.

[18] Maria Girardi, *The dual of the James tree space is asymptotically uniformly convex*, Studia Math. **147** (2001), no. 2, 119–130.

[17] S. J. Dilworth and Maria Girardi, *On various modes of scalar convergence in $L_0(\mathfrak{X})$*, J. Math. Anal. Appl. **259** (2001), no. 2, 660–684.

[16] S. J. Dilworth, Maria Girardi, and William B. Johnson, *Geometry of Banach spaces and biorthogonal systems*, Studia Math. **140** (2000), no. 3, 243–271.

[15] S. J. Dilworth, Maria Girardi, and James Hagler, *Dual Banach spaces which contain an isometric copy of L_1*, Bull. Polish Acad. Sci. Math. **48** (2000), no. 1, 1–12.

[14] Maria Girardi and Wim Sweldens, *A new class of unbalanced Haar wavelets that form an unconditional basis for L_p on general measure spaces*, J. Fourier Anal. Appl. **3** (1997), no. 4, 457–474.

[13] Maria Girardi and William B. Johnson, *Universal non-completely-continuous operators*, Israel J. Math. **99** (1997), 207–219.

[12] S. J. Dilworth and Maria Girardi, *An application of a Pisier factorization theorem to the Pettis integral*, Séminaire d'Initiation à l'Analyse 1994-1995 (G. Choquet, G. Godefroy, M. Rogalski, J. Saint Raymond, eds), Publications Mathématiques de l'Université Pierre et Marie Curie, Paris, (1996), pp. 2001–2009.

[11] S. J. Dilworth and Maria Girardi, *Nowhere weak differentiability of the Pettis integral*, Quaestiones Math. **18** (1995), no. 4, 365–380.

[10] S. J. Dilworth, Maria Girardi, and Denka Kutzarova, *Banach spaces which admit a norm with the uniform Kadec-Klee property*, Studia Math. **112** (1995), no. 3, 267–277.

[9] Maria Girardi and William B. Johnson, *The complete continuity property and finite-dimensional decompositions*, Canad. Math. Bull. **38** (1995), no. 2, 207–214.

[8] Erik J. Balder, Maria Girardi, and Vincent Jalby, *From weak to strong types of $\mathcal{L}_E^1$-convergence by the Bocce criterion*, Studia Math. **111** (1994), no. 3, 241–262.

[7] Maria Girardi, *Bounding zeros of H^2 functions via concentrations*, J. Math. Anal. Appl. **183** (1994), no. 3, 605–612.

[6] Maria Girardi and Zhibao Hu, *Errata: "Dentability, trees, and Dunford-Pettis operators on L_1" [Pacific J. Math. **148** (1991), no. 1, 59–79; MR 92e:46030] by Girardi*, Pacific J. Math. **157** (1993), no. 2, 389–394.

[5] S. J. Dilworth and Maria Girardi, *Bochner vs. Pettis norm: examples and results*, Banach spaces (Mérida, 1992), Amer. Math. Soc., Providence, RI, 1993, pp. 69–80.

[4] Maria Girardi, *Weak vs. norm compactness in L_1: the Bocce criterion*, Studia Math. **98** (1991), no. 1, 95–97.

[3] Maria Girardi, *Dentability, trees, and Dunford-Pettis operators on L_1*, Pacific J. Math. **148** (1991), no. 1, 59–79.

[2] Maria Girardi, *Compactness in L_1, Dunford-Pettis operators, geometry of Banach spaces*, Proc. Amer. Math. Soc. **111** (1991), no. 3, 767–777.

[1] Maria Girardi and J. J. Uhl, Jr., *Slices, RNP, strong regularity, and martingales*, Bull. Austral. Math. Soc. **41** (1990), no. 3, 411–415.

[0] Maria Girardi, *Dunford-Pettis operators on L_1 and the complete continuity property*, Ph.D. dissertation, University of Illinois, Urbana-Champaign, 1990.

RESEARCH GRANTS

National Science Foundation $06.03 - 05.06$ $ 120,001.
DMS–0306750
Vector-Valued Analysis and Geometry of Banach Spaces
Principal Investigator

DAAD - German Academic Exchange Service $03.04 - 07.04$ $ 31,355.
Visiting Professorship at Universität Karlsruhe
Principal Investigator
co-Principal Investigator: Prof. Lutz Weis

Alexander von Humboldt Foundation $08.01 - 07.02$ $ 27,000.
Research Fellowship Grant Extension
Geometry of Banach Spaces and Linear Operator Semigroups
Principal Investigator

Alexander von Humboldt Foundation $08.00 - 07.01$ $ 25,800.
Research Fellowship Grant
Geometry of Banach Spaces and Linear Operator Semigroups
Principal Investigator

National Science Foundation $08.96 - 07.99$ $ 46,800.
DMS–9622841
Functional Analysis
Principal Investigator

National Science Foundation $05.93 - 10.96$ $ 58,171.
DMS–9306460
The Geometry of Banach Spaces
Principal Investigator

NSF—AWM Travel Grant $08.92 - 07.93$ $ 800.
Principal Investigator

National Science Foundation $07.92 - 08.92$ $ 7,000.
DMS–9204301
The Geometry of Banach Spaces and Applications
NSF Young Investigator

RESEARCH GRANT PROPOSALS
currently under consideration

National Science Foundation $05.06 - 05.09$ $ 144,493.
DMS–0600888
Vector-valued analysis with a flair from the geometry of Banach spaces
Principal Investigator

INVITED COLLOQUIUM ADDRESSES

7. University of Houston   11.17.04
   Fourier multiplier operators on Bochner spaces. An interplay between:
   functional analysis, harmonic analysis, and the geometry of Banach spaces.
6. Universität Karlsruhe; Karlsruhe, Germany   06.27.02
   Fourier Multiplier Theorems:
   from the classical to the vector-valued setting (and why)
5. College of Charleston; Charleston, SC   10.30.98
   Lebesgue's Differentiation Theorem for Banach Space Valued Functions
4. University of California at Riverside   04.10.96
   Lebesgue's Differentiation Theorem for Banach Space Valued Functions
3. San Jose State University; San Jose, CA   04.04.96
   Lebesgue's Differentiation Theorem for Banach Space Valued Functions
2. University of Illinois at Champaign-Urbana   09.07.95
   The Nowhere Weak Differentiability of the Pettis Integral
1. Université de Mons – Hainaut; Mons, Belgium   05.22.95
   Beyond the Radon-Nikodým Theorem

INVITED SEMINAR ADDRESSES

37. Universität Jena   05.24.05
    Martingale transforms, Fourier Haar multipliers, and R-boundedness
36. Universität Karlsruhe Oberseminar Funktionalanlaysis   04.19.05
    Martingal Transformationen, Fourier Haar Multiplikatoren, und R-Beschränktheit
35. University of Houston   11.18.04
    Vector-valued analysis: vector-valued Fourier multiplier theorems
    and the geometry of Banach spaces
34. Universität Karlsruhe Oberseminar Funktionalanlaysis   05.11.04
    Integral operators with operator-valued kernels
33. Université de Franche-Comté; Besançon, France   05.04.04
    Integral operators with operator-valued kernels
32. Freie Universität Berlin; Germany   07.08.02
    Operator-valued Fourier multiplier theorems and the geometry of Banach spaces
31. Université de Paris VI & VII: Séminaire d'Initiation à l'Analyse   02.28.02
    Operator-valued Fourier multiplier theorems, R-boundedness,
    and the geometry of Banach spaces
30. Universität Karlsruhe Oberseminar Funktionalanlaysis   12.11.01
    $Rad(\mathfrak{X})$ in action
29. Universität Karlsruhe Oberseminar Funktionalanlaysis   05.29.01
    Fourier multipliers
28. University of California at Riverside   04.09.96
    Completely Continuous Operators on L_1
27. Mathematical Sciences Research Institute; Berkeley, CA   02.27.96
    Strongly measurable Banach-space valued functions
26. Bowling Green State University; Bowling Green, OH   in 09.95
    The Nowhere Weak Differentiability of the Pettis Integral
25. Université de Paris VI & VII   05.18.95
    An application of a Pisier factorization theorem to the Pettis integral
24. University of Zurich; Zurich, Switzerland   05.15.95
    Universal Non-Completely-Continuous Operators
23. University of Texas at San Antonio   08.10.94
    Operators, Measures, and Martingales
22. University of Texas at Austin   07.19.94
    Nowhere Weak Differentiability of the Pettis Integral

21. Oklahoma State University; Stillwater, OK   in 08.93
     Lebesgue's differentiation theorem, for the Pettis integral, fails big time
20. Oklahoma State University; Stillwater, OK   in 08.93
     Remarks on Gowers' new dichotomy theorem
19. Case Western Reserve University; Cleveland, OH   06.01.93
     Geometry of Banach Spaces and Finite Dimensional Decompositions
18. Kent State University; Kent, OH   in 05.93
     An application of Stegall's Factorization Theorem
17. Institut de Calcul Mathématique; Paris   03.14.91
     Bounding zeros of H^p functions via concentrations
16. Institut de Calcul Mathématique; Paris   12.06.90
     A discussion on paralleling polynomial factorization algorithms
15. Université de Paris VI & VII   11.29.90
     Rademacher functions and Dunford-Pettis operators on L_1
14. Kent State University; Kent, OH   09.21.90
     Rademacher functions suffice for Dunford-Pettis operator
13. Purdue University; West Lafayette, IN   03.27.90
     Dentability, Trees, and Dunford-Pettis Operators on L_1
12. University of South Carolina at Columbia   in 03.90
     The Complete Continuity Property
11. University of California at Riverside   in 03.90
     The Complete Continuity Property
10. University of Hawaii; Honolulu, HI   in 03.90
     The Complete Continuity Property
 9. Miami University; Oxford, OH   02.22.90
     The Complete Continuity Property
 8. Louisiana State University; Baton Rouge, LA   02.19.90
     The Complete Continuity Property
 7. Georgia Institute of Technology; Atlanta, GA   02.15.90
     The Complete Continuity Property
 6. Ohio University; Athens, OH   02.12.90
     The Complete Continuity Property
 5. College of William & Mary; Williamsburg, VA   02.10.90
     The Complete Continuity Property
 4. Colgate University; Hamilton, NY   02.06.90
     The Complete Continuity Property
 3. Università degli Studi di Firenze; Italy   in 07.89
     Some Geometry of Banach Spaces
 2. University of Crete; Greece   in 06.89
     The Complete Continuity Property
 1. University of Missouri at Columbia   in 04.89
     RNP vs. CCP

INVITED CONFERENCE ADDRESSES

37. 06.20.05 − 06.24.05   06.22.05
     Martingale transforms by operator-valued predictable sequences
     Contemporary Ramifications of Banach Space Theory
      in honor of Joram Lindenstrauss and Lior Tzafriri
     Jerusalem, Israel
36. 06.16.04 − 06.23.04   06.21.04
     Integral operators with operator-valued kernels
     Fifth International Conference on Functional Analysis
      and Approximation Theory
     Acquafredda di Maratea, Italy

35. 06.22.03 – 06.28.03　　　　　　　　　　　　　　　　　　　　　06.23.03
　　 Integral operators with operator-valued kernels
　　 International Conference on Operator Theory and Operator Algebras
　　 Palermo, Sicily
34. 10.26.02　　　　　　　　　　　　　　　　　　　　　　　　　　10.26.02
　　 Applications of Banach space theory to vector-valued Fourier multiplier theorems
　　 Abstract Analysis Gathering
　　 Kent State University
33. 09.22.02 – 09.29.02　　　　　　　　　　　　　　　　　　　　　09.24.02
　　 Operator-valued Fourier multiplier theorems and the geometry of Banach spaces
　　 Conference on Functional Analysis in honor of Prof. A. Pełczyński
　　 Bêdlewo, Poland
32. 03.17.02 – 03.23.02　　　　　　　　　　　　　　　　　　　　　03.22.02
　　 Optimal smoothness of Fourier multipliers
　　 Third European-Maghreb Workshop on Semigroup Theory,
　　　 Evolution Equations and Application
　　 Marrakesh, Morocco
31. 02.14.02 – 02.15.02　　　　　　　　　　　　　　　　　　　　　02.14.02
　　 Rad($\mathfrak{X}$) *in action*
　　 TULKA Seminar
　　 Tübingen, Germany
30. 10.28.01 – 11.02.01　　　　　　　　　　　　　　　　　　　　　10.30.01
　　 Fourier multipliers on Besov spaces and the geometry of Banach spaces
　　 Autumn School on Evolution Equations and Semigroups
　　 Levico Terme, Italy
29. 08.03.01 – 08.05.01　　　　　　　　　　　　　　　　　　　　　08.04.01
　　 Operator-valued Fourier multiplier theorems and geometry of Banach spaces
　　 NSF Workshop in Linear Analysis and Probability (SUMIRFAS)
　　 Texas A&M University
28. 06.28.01 – 06.29.01　　　　　　　　　　　　　　　　　　　　　06.29.01
　　 Fourier multiplier theorems and geometry of Banach spaces
　　 Operator-valued Multiplier Theorems and Functional Calculi
　　 Technical University Delft, Netherlands
27. 09.22.00 – 09.28.00　　　　　　　　　　　　　　　　　　　　　09.22.00
　　 Dual Banach spaces which contain an isometric copy of L_1
　　 Fourth International Conference on Functional Analysis
　　　 and Approximation Theory
　　 Acquafredda di Maratea, Italy
26. 07.00 – 08.00　　　　　　　　　　　　　　　　　　　　　　　 08.15.00
　　 The dual of the James tree space is asymptotically uniformly convex
　　 NSF Workshop in Linear Analysis and Probability
　　 Texas A&M University
25. 07.21.00 – 07.22.00　　　　　　　　　　　　　　　　　　　　　07.22.00
　　 Dual Banach spaces which contain an isometric copy of L_1
　　 TULKA Banach Space Weekend
　　 Universität Karlsruhe, Germany
24. 10.08.99 – 10.10.99　　　　　　　　　　　　　　　　　　　　　10.09.99
　　 Dual Banach spaces which contain an isometric copy of L_1
　　 AMS Regional Meeting: Special Session on Banach
　　　 and Operator Spaces: Isomorphic and Geometric Structures
　　 University of Texas, Austin
23. 07.99 – 08.99　　　　　　　　　　　　　　　　　　　　　　　 08.03.99
　　 Geometric properties of Banach spaces
　　 NSF Workshop in Linear Analysis and Probability
　　 Texas A&M University

22. 08.10.98 – 08.14.98   08.13.98
    The fine line between ℓ_1 embedding into a Banach space $\mathfrak{X}$
        and $\mathfrak{X}^*$ failing the Schur property: biorthogonal systems
    Geometric Aspects Of Fourier and Functional Analysis
    University of Kiel, Germany
21. 07.24.98 – 07.26.98   07.25.98
    Banach spaces whose duals contain L_1 isometrically
    NSF Workshop in Linear Analysis and Probability (SUMIRFAS)
    Texas A&M University
20. 07.97 – 08.97   08.11.97
    A Positive Answer to the Basis Problem for Banach Spaces
    NSF Workshop in Linear Analysis and Probability
    Texas A&M University
19. 03.21.97 – 03.22.97   03.21.97
    Differentiability of the integral of Banach space valued functions
    AMS Regional Meeting: Special Session on Harmonic Analysis and Convexity
    University of Memphis
18. 11.01.96 – 11.03.96   11.02.96
    On Banach spaces that contain ℓ_1
    AMS Regional Meeting: Special Session on Banach Spaces and Related Topics
    University of Missouri at Columbia
17. 10.05.96 – 10.06.96   10.06.96
    wc_0^*-Biorthogonal Systems
    AMS Regional Meeting: Special Session on Geometric Functional Analysis
    Rider University, Lawrenceville, NJ
16. 07.96 – 08.96   08.07.96
    A Fine Line
    NSF Workshop in Linear Analysis and Probability
    Texas A&M University
15. 02.20.96 – 02.23.96   02.20.96
    Completely continuous operators
    Concentration in Infinite-dimensional Convex Geometry
    MSRI, Berkeley
14. 09.09.95 – 09.10.95   09.10.95
    Universal Non-Completely-Continuous Operators
    (a principal one-hour address)
    Wabash Extramural Modern Analysis Miniconference
    Indiana University — Purdue University at Indianapolis
13. 08.11.95 – 08.13.95   08.12.95
    Completely continuous operators on L_1
    NSF Workshop in Linear Analysis and Probability (SUMIRFAS)
    Texas A&M University
12. 07.95 – 08.95   07.31.95
    On various modes of scalar convergence in $L_0(\mathfrak{X})$
    NSF Workshop in Linear Analysis and Probability
    Texas A&M University
11. 05.24.95 – 05.26.95   05.24.95
    Universal Non-Completely-Continuous Operators
    AMS–IMU Joint Meeting: Special Session on Functional Analysis
    Jerusalem, Israel
10. 07.94 – 08.94   07.28.94
    An application of a Pisier factorization theorem to the Pettis integral
    NSF Workshop in Linear Analysis and Probability
    Texas A&M University

9. 10.22.93 − 10.23.93   10.22.93
   The complete continuity property and finite dimensional decompositions
   AMS Regional Meeting: Special Session on
     the geometry of Banach spaces and operator spaces
   Texas A&M University
8. 07.93 − 08.93   07.08.93
   The Pettis Norm
   NSF Workshop in Linear Analysis and Probability
   Texas A&M University
7. in 05.93   in 05.93
   Think Globally, Act Locally
   Functional Analysis Conference
   Kent State University, Kent, OH
6. 01.13.93 − 01.16.93   01.15.93
   From weak to strong types of L_1 convergence
   AMS Annual Meeting: Special Session in Banach Space Theory
   San Antonio, TX
5. 08.24.92 − 08.28.92   08.27.92
   From weak to strong types of L_E^1-convergence by the Bocce-criterion
   International Conference on Functional Analysis
   Mons, Belgium
4. 07.92 − 08.92   07.10.92
   Weak Compactness in $L_1(\mathfrak{X})$
   NSF Workshop in Linear Analysis and Probability
   Texas A&M University
3. 03.20.92 − 03.21.92   03.20.92
   Bounding zeros of H^2 functions via concentrations
   AMS Regional Meeting: Special Session in Harmonic Analysis
   Springfield, MO
2. 05.02.91 − 05.04.91   05.02.91
   Zeros of H^p functions
   International Conference – KSU & ICM
   Paris, France
1. 06.12.89 − 06.17.89   06.12.89
   Dunford-Pettis Operators on L_1
   The Conference on the Geometry of Banach Space
   Strobl, Austria

CONTRIBUTED CONFERENCE ADDRESSES

2. 06.11.91 − 06.16.91   06.14.91
   Bounding zeros of H^p functions via concentrations
   Banach Space Conference
   Jerusalem, Israel
1. 01.17.90 − 01.20.90   01.19.90
   Dentability, Trees, and Dunford-Pettis Operators on L_1
   AMS Annual Meeting
   Louisville, KY

OTHER CONFERENCES ATTENDED

9. Asymptotic Geometric Analysis   06.24.05 − 06.27.05
   Dead Sea, Israel
8. Spectral Theory in Banach Spaces and Harmonic Analysis   07.25.04 − 07.31.04
   Mathematisches Forschungsinstitut Oberwolfach, Germany

7. Banach Spaces and Applications $10.17.03 - 10.18.03$
    Universtiy of Memphis

6. Journée Calcul Fonctionnel et Applications $06.05.03$
    Besançon, France

5. Third International ISAAC Congress $08.20.01 - 08.25.01$
    Freie Universität Berlin, Germany
    (coauthor presented our joint paper)

4. AMS Sectional Meeting: Special Session on Banach Spaces $03.16.01 - 03.18.01$
    University of South Carolina at Columbia
    (conference co-organizer)

3. Evolution Equations 2000: $10.30.00 - 11.04.00$
    Applications to Physics, Industry, Life Sciences and Economics
    Trento, Italy

2. AMS Regional Meeting: Special Session on Modern Banach Space Theory $10.17.97 - 10.19.97$
    Georgia Institute of Technology, Atlanta, GA
    (conference co-organizer)

1. Conference on Local Theory of Banach Spaces and Related Topics $09.05.93 - 09.11.93$
    Ascona, Switzerland

SUMMARY OF PARTICIPATION IN OTHER SCHOLARLY ACTIVITIES
while on Fellowships/Leaves

Universität Karlsruhe, Germany   07.00–present
  Regular TULKA (Tübingen, Ulm, Karlsruhe) meetings and seminars.

NSF Summer Workshops at Texas A&M University   Summers 92–01
  Special concentrations and annual SUMIRFAS conferences.

MSRI, Berkeley   Spring 96
  Several concentrations and workshops.

ICM, Paris   AY 90–91
  Various seminars (e.g. Laurent Schartz Seminar and Bourbaki Seminar).

MANUSCRIPTS & GRANT PROPOSALS REVIEWED

2005:	Advances in Mathematics	176
	Elsevier Science Publishers	175
	Indian Academy of Sciences Proceedings	174
	Journal of Mathematical Analysis and Applications	173
	McGraw-Hill Publishers	172
2004:	National Science Foundation (x60)	112–171
	National Science Foundation (x58)	54–111
2003:	Studia Mathematica	53
	National Science Foundation (x2)	51–52
	United States - Israel Binational Science Foundation	50
2002:	Mathematische Annalen	49
2001:	Houston Journal of Mathematics	48
	National Science Foundation	47
	Proceedings of the American Mathematical Society	46
2000:	Indian Journal of Pure and Applied Mathematics	45
	National Science Foundation	44
	Proceedings of the American Mathematical Society	43
1999:	Indian Journal of Pure and Applied Mathematics	42
	Journal of Constructive Approximation	41
	Journal of Functional Analysis	40

COURSES TAUGHT
at USC

The below chart summaries Girardi's:
- ▷ teaching assignments
- ▷ marks on her College of Science and Mathematics teaching evaluations

during her time at USC. The Department Average takes into account all mathematics courses taught at USC-Columbia for which the COSM teaching evaluations were distributed. As customary, Girardi did not distribute teaching evaluations in courses with only one student or numbered above 797.

Since 96 Fall, the STUDENT EVALUATIONS mark is:
- ▷ Overall Performance of the Instructor: usually # 16 from the COSM teaching evaluation form.

Prior to 96 Fall, the STUDENT EVALUATIONS mark is the arithmetic average of:
- ▷ Instructors Overall Performance: # 17 from the COSM teaching evaluation form
- ▷ Overall Average: based on # 8–16 from the COSM teaching evaluation form.

The range of response is: 0 (low) to 4 (high).

| TERM | COURSE | COURSE TITLE | ENROLLMENT | STUDENT EVALUATIONS | | |
				RESPONDENTS	MG	DEPT
06 Sp:	Math 142	Calculus II	62			
	Math 300	Transition to Advanced Math.	14			
05 Fall:		dept. one course release for research				
	Math 142	Calculus II	53			
05 Sp:		on leave from USC				(3.094)
04 Fall:	Math 141	Calculus I	42	25	3.080	2.868
	Math $^{552}_{752i}$	Complex Variables	23	19	3.632	2.868
04 Sp:		on leave from USC				(2.947)
03 Fall:	Math 142	Calculus II	58	42	3.310	2.874
	Math 300	Transition to Advanced Math.	11	8	3.500	2.874
03 Sp:	Math 142	Calculus II	59	32	3.250	2.985
	Math $^{555}_{704i}$	Analysis II	9	8	3.750	2.985
	Math 899	Dissertation Preparation	1			
02 Fall:	Math 241	Calculus III	43	20	3.550	3.017
	Math $^{554}_{703i}$	Analysis I	19	11	3.900	3.017
	Math 798	Dir. Reading & Research	1			
	Math 899	Dissertation Preparation	1			
02 SmII:	Math 899	Dissertation Preparation	1			
02 Sp:		on leave: Humboldt Fellowship				(3.002)
	Math 899	Dissertation Preparation	1			
01 Fall:		on leave: Humboldt Fellowship				(2.956)
	Math 899	Dissertation Preparation	1			
01 Sp:		on sabbatical				(3.218)
	Math 899	Dissertation Preparation	1			
00 Fall:		on sabbatical				(2.862)
	Math 899	Dissertation Preparation	1			
00 SmII:	Math 899	Dissertation Preparation	1			
00 SmI:	Math 798	Dir. Reading & Research	1			
	Math 899	Dissertation Preparation	1			
00 Sp:		dept. one course release for research				
	Math 550	Vector Analysis - APOGEE	16	14	3.43	3.03

TERM	COURSE	COURSE TITLE	ENROLLMENT	RESPONDENTS	MG	DEPT
	Math 798	Dir. Reading & Research	1			
	Math 899	Dissertation Preparation	1			
99 Fall:	Math 141	(Reformed) Calculus I	28+29	23	3.22	2.99
	Math 141	(Reformed) Calculus I	24+20	25	2.68	2.99
	Math 599	Topics in Math.	1			
	Math 798	Dir. Reading & Research	1			
	Math 899	Dissertation Preparation	1			
	SCCC 499	Senior Thesis	1			
99 SmI:	Math 599	Topics in Math.	1			
99 Sp:	Math 300X	Transition to Advanced Math.	5	5	3.80	2.99
	Math 550	Vector Analysis - APOGEE	12	10	3.60	2.99
	Math 798	Dir. Reading & Research	1			
	Math 899	Dissertation Preparation	1			
98 Fall:	Math 142H	Honors Calculus II	19	19	3.16	2.79
	Math 554	Analysis I	13	9	2.78	2.79
	Math 798	Dir. Reading & Research	1			
	Math 899	Dissertation Preparation	1			
98 SmII:	Math 899	Dissertation Preparation	1			
98 Sp:	Math 550	Vector Analysis - APOGEE	12	12	3.58	2.94
	Math 704	Analysis II	9	9	3.67	2.94
	Math 899	Dissertation Preparation	1			
97 Fall:	Math 122	(Reformed) Calculus I	61	37	2.49	2.66
	Math 703	Analysis I	15	9	4.00	2.66
	Math 899	Dissertation Preparation	1			
97 Sp:		dept. one course release for research				
	Math 550	Vector Analysis - APOGEE	20	18	3.50	not available
	Math 890	Graduate Std.Seminar (overload)	6			
	Math 899	Dissertation Preparation	1			
96 Fall:	Math 141	(Reformed) Calculus I	55	35	3.40	2.75
	Math $^{554}_{703i}$	Analysis I	15+3	13	3.38	2.75
	Math 798	Dir. Reading & Research	1			
CHANGE OF EVALUATION FORM						
96 SmII:	Math 798	Dir. Reading & Research	1			
96 Sp:		on leave: MSRI Fellowship				
	Math 799	Thesis Research	1			
95 Fall:	Univ 101	PRC University 101	16	11	2.57	3.05
	Math 122	(Reformed) Calculus I	77	35	2.92	3.05
	Math 798	Dir. Reading & Research	1			
95 Sp:	Math 550	Vector Analysis - APOGEE	28	17	3.74	3.42
	Math 704	Analysis II	8	8	3.82	3.42
94 Fall:	Univ 101	COSM University 101	24	20	3.62	3.17
	Math 703	Analysis I	17	12	3.83	3.17
94 Sp:		one course release: Lilly Fellowship				
	Math 550	Vector Analysis - APOGEE	25	12	3.75	3.30
93 Fall:	Math 142	Calculus II	35+36	44	2.95	3.12
	Math $^{554}_{703i}$	Analysis I	7+2	7	3.85	3.12
	Math 798	Dir. Reading & Research	1			
93 Sp:	Math 550	Vector Analysis - APOGEE	22	12	3.31	3.08

				STUDENT EVALUATIONS		
TERM	COURSE	COURSE TITLE	ENROLLMENT	RESPONDENTS	MG	DEPT
	Math 757	Functional Analysis II	6	6	3.86	3.08
92 Fall:	Math 241H	Honors Calculus III	16	12	3.19	3.09
	Math 756	Functional Analysis I	7	6	3.49	3.09
92 Sp:		one course release: hiring package				
	Math $^{554}_{703i}$	Analysis I	23+6	19	3.69	3.17
91 Fall:	Math 142	Calculus II	80	40	2.77	2.98
	Math 221	Concepts of Elem. Math. I	28	20	2.72	2.98

COURSES TAUGHT
elsewhere than at USC

Universität Karlsruhe – International Department   Spring 05
  Advanced Mathematics II (second semester undergraduate students)

Universität Karlsruhe – Department of Mathematics   Spring 04
  Harmonic Analysis (second semester graduate students)

Universität Karlsruhe – Department of Mathematics   Spring 02
  Fourier Analysis (second semester graduate students)

Universität Karlsruhe – International Department   Fall 01
  Advanced Mathematics III (third semester undergraduate students)

COURSE DEVELOPMENT

A Transition to Advanced Mathematics - Math 300
  Developed and taught as an experimental course Spring 1999.
  Obtained University approval for a regularly offered permanent course, starting Fall 2003

POST-DOCTORAL FELLOW ADVISOR

Dr. Cornelia Kaiser; 08.02 – 08.03
  Alexander von Humboldt Foundation *Feodor Lynen Research Fellowship*
  Humboldt co-host with Dr. Anton Schep

GRADUATE STUDENT RESEARCH SUPERVISION

PhD Advisor (mathematics department)

  Michael Coco; 08.98 – 05.03
    PhD Degree Awarded: May 2003
    Dissertation Title: *Structures in Banach spaces: biorthogonal systems and frames*

  David Mitra; 05.98 – 08.00
    PhD Degree Awarded: August 2000
    Dissertation Title: *Sequences that are unconditionally basic in both l_1 and l_2*

Masters Advisor (mathematics department)

  David Mitra; 08.95 – 05.98
    Masters Degree Awarded: May 1998
    Thesis Title: *Some trees constructed by Roberts, Bourgain, and Rosenthal from independent, equidistributed random variables that are close to zero in measure*

Committee Member (other departments)

  Arthur Bernard Mark; Fall 97 – present
    College of Education, PhD candidate in Secondary Education (Math)

UNDERGRADUATE STUDENT RESEARCH SUPERVISION

Leonard (Bucky) R. Gardner III; 05.15.99 – 05.05.00
  SC Honors College Senior Thesis
  A Study of the General Lebesgue Integral

Anita Wilson; 05.03.99 – 06.18.99
  EPSCoR Summer Undergraduate Research Program
  Reformed Calculus

SEMINARS & TALKS
given to student audiences

Proseminar Analysis Universität Karlsruhe; Schauinsland, Germany	02.01.02 – 02.03.02
Convex Functions Give Inequalities	02.02.02
Proseminar Analysis Universität Karlsruhe; Schauinsland, Germany	06.08.01 – 06.10.01
Convex Functions Give Inequalities	06.09.01
Math Awareness Week Colloquium; USC-Aiken	03.21.92 – 03.27.92
The Fundamental Theorem of Calculus and Bow Ties	04.26.92
Dreher High School; Columbia, SC	
Careers in Math	in 02.92
Student Math Colloquium; Williams College, Williamstown, MA	
Bow Ties	in 02.90

TEACHING GRANTS
while at USC

USC internal sources   AY 95–96
  Lilly Conference on College Teaching — South; Columbia, SC   05.16.96 – 05.19.96
  principal investigator – conference co-director
  funds to cover conference registration fees for other USC participants
  total funding of $ 1,750 from the following sources:

  $ 750.   Provost's Instructional Development Fund – Fall 1995
  $1,000.   Dean Odom, College of Science and Mathematics

USC internal sources   AY 94–95
  Lilly Conference on College Teaching — South; Columbia, SC   06.02.95 – 06.04.95
  principal investigator – conference co-director
  funds to cover conference registration fees for other USC participants
  total funding of $ 2,831 from the following sources:

  $ 894.   Provost's Instructional Development Fund – Fall 1994
  $ 894.   Dean Odom, College of Science and Mathematics
  $ 447.   Dean Ishler, College of Education
  $ 596.   Dean Lefton, College of Humanities and Social Sciences

TEACHING DEVELOPMENT ACTIVITIES ATTENDED

The FYE 18th Annual National Conference; Columbia, SC	02.19.99 – 02.23.99
USC Calculus Workshop	05.02.97
directed by William McCallum, University of Arizona	
The FYE 16th Annual National Conference; Columbia, SC	02.22.97 – 02.25.97
Lilly Conference on College Teaching – South; USC	05.17.96 – 05.19.96
Writing Evaluation Training Session; USC	06.28.95
directed by Lynn Glander, USC Writing Assessment Program	

Lilly Conference on College Teaching – South; USC   06.02.95 – 06.04.95
Lilly Workshop: Fostering Critical Thinking; USC   06.02.95
  directed by Craig Nelson, Biological Sciences, Indiana University
Lilly Working Session: Teaching Effectiveness; USC   04.13.95
  directed by Prof. Cowart and Dean Odom
Lilly Conference on College Teaching – West; Lake Arrowhead, CA   03.02.95 – 03.05.95
  delivered a presentation: *Group Projects*
The FYE 14th Annual National Conference; Columbia, SC   02.18.95 – 02.21.95
Speaker at the 1994-95 Lilly Program Orientation   08.23.94
USC Workshop: The Teaching Experience, University 101   05.16.94 – 05.20.94
Lilly Endowment Teaching Fellows Conference; New Harmony, IN   04.08.94 – 04.10.94
SCAMP Workshop: Teaching Minorities in Mathematics; USC   in 03.94
  directed by Prof. Treisman, University of Texas at Austin
Lilly Endowment Teaching Fellows Conference; Indianapolis, IN   11.05.93 – 11.07.93
USC Lilly Teaching Fellows monthly seminars   AY 93-94

USC COMMITTEES
(∗ indicates chairmanship)

DEPARTMENT

Committee of Tenured Faculty
96–present: 97–98*

Committee of Tenured Full Professors
F03–present

Department Chairman Search Committee
93–94

Faculty Advisory Council
91–92, 93–94, 94–95, F95, 96–97, 97–98, 98–99, 99–00*, 05–06

Faculty Mentors
F03–present (Vraciu)

Graduate Comprehensive Examination Committee
F93, F00, F04

Graduate Recruiting Committee
F03*

Hiring Committee (and Affirmative Action Advocate)
92–93

Peer Review of Teaching Committees
02–03 (T), F04 (F1)*

PhD Admission to Candidacy Qualifying Examination Committee
F94, S95, F95, S96, F96, F98, S99, S00, F04

Pi Mu Epsilon Faculty Advisors
02–03*, F03*, F04*, 05–06*

Post-Tenure Review Committee
99–00, 05–06

Undergraduate Advisors
91–92, 92–93, 93–94, 94–95, F95, 02–03

Undergraduate Advisory Council
02–03

Ad Hoc Committee to Evaluate Undergraduate Program
03

COLLEGE

Committee to reformulate the COSM teaching evaluations; F95

UNIVERSITY

Advisory Committee on Women's Issues; 98–99
    Employment and Personnel Issues
98–99

Faculty Committee on Instructional Development; 94–95, F95, 96–97
    Mungo Teaching Award Selection Committee
94–95, 96–97*
    The Carolina Teaching Fellows Program Development Committee
94–95, F95*, 96–97*

Faculty Senator; F04

Lilly Teaching Fellows Program Selection Committee; S94

Preston Residential College; Fall 1994 – Fall 2005
    Faculty Associate
        94–95, F95, 96–97, 97–98, 98–99, 99–00, 02–03, F03, F04, F05
    Faculty Advisory Committee
        94–95, F95, 96–97, 97–98, 98–99, 99–00

CONFERENCE ORGANIZING COMMITTEES

TULKA Internet Seminar: *Functional Calculus and Differential Operators*   06.16.02 – 06.22.02
    Blaubeuren, Germany
    member of the Isem team Karlsruhe
AMS Sectional Meeting: *Special Session on Banach Spaces*   04.16.01 – 04.18.01
    University of South Carolina at Columbia
    co-organizer with Profs. George Androulakis and S. J. Dilworth
TULKA Banach Space Weekend Conference   07.21.00 – 07.22.00
    Universität Karlsruhe, Germany
    co-organizer with Prof. Lutz Weis
AMS Regional Meeting: *Special Session on Modern Banach Space Theory*   10.17.97 – 10.19.97
    Georgia Institute of Technology, Atlanta, GA
    co-organizer with Prof. S. J. Dilworth
Lilly Conference on College Teaching – South   05.17.96 – 05.19.96
    Columbia, SC
        Lilly-South Review Committee
        Assistant Editor of the Proceedings
        Conference Co-Director
Lilly Conference on College Teaching – South   06.02.95 – 06.04.95
    Columbia, SC
        Lilly-South Review Committee
        Assistant Editor of the Proceedings
        Conference Co-Director
Twenty-seventh Spring Topology Conference   03.11.93 – 03.13.93
    University of South Carolina at Columbia
    co-organizer with Profs. Nyikos and Stephenson

FURTHER PRESTON RESIDENTIAL COLLEGE SERVICE

Brainstorming Committee; Su/F94
Committee to write the position statement for the Principal of the PRC; F94
Search Committee for the Principal of the PRC; F94, F97
Advisement Fair; F96, S97
Faculty Mentor; 98–99, 99–00

Undergraduate advisor for PRC mathematics majors:
  Erin Flickinger; Fall 99 – Summer 00
  Geoffrey Dillon; Fall 98 – Spring 00
  Tommy Cramer; Spring 98 – Summer 00

Preston Seminar: Are Your Lights On? Problem Solving à la Preston; 02.16.00
  What's universal about solving math problems with sophomore math major Erin Flickinger

OTHER EXTRACURRICULAR STUDENT ACTIVITY INVOLVEMENT

USC's Dance Program and Conservatory:
  Stage Manager for *Dorothy and the Land of Oz*; 04.24.00
  Stage Manager for *A Tribute to Elvis*; 02.26.00

Stage Manager for *A Tribute to Frank Sinatra*; S99

Faculty Chair of the Publicity Committee for the Spring 99 Student Ballet; F99

Costume Mistress for *Alice's Adventures in Wonderland*; 04.18.98 − 04.19.98

Group leader for the USC First Year Reading Experience; 08.21.95

Mentor for the Carolina Scholars; 97–98, 99–00

Volunteer at Earth Day Festival '99; USC School of the Environment and S.A.G.E., 04.22.99

USC Office of Women's Student Services Mentoring Network Program; F95, 97–98, 98–99

Women in the Mathematical Sciences Gatherings Committee; S95

South Area Non-Resident Faculty Fellow; AY 94-95

OTHER SERVICE TO USC

Assisted with the SC State High School Mathematics Contest; 93, 94, 95, 96, 98, 00

Visited and provided feedback on TA taught classes at the request of the Graduate Advisor; F92, F93, F96, F98, F99

South Carolina Honors College Interviewer; S99

Reference letters written for students: 105