

Part A. PERSONAL INFORMATION		CV date		04/02/2019
First and Family name	Miguel Martin Suarez			
Social Security, Passport, ID number	23800840A	Age	45	
Researcher numbers	Researcher ID	C-8444-2013		
	Orcid code	0000-0003-4502-798X		

A.1. Current position

Name of University/Institution	Universidad de Granada		
Department	Departamento de Análisis Matemático / Facultad de Ciencias		
Address and Country	Severo Ochoa s/n, 18071 Granada, SPAIN		
Phone number	+34958246311	E-mail	mmartins@ugr.es
Current position	Full Professor (Catedrático Universidad)	From	01/12/2016
Espec. cód. UNESCO	120203		
Palabras clave	Functional Analysis, Banach spaces, numerical range, isometries, Daugavet property, norm attaining operators		

A.2. Education

PhD	University	Year
Matemáticas (Mathematics)	Universidad de Granada, Spain	2000

A.3. JCR articles, h Index, thesis supervised...

- Bibliographic data (at 16/01/2019):
 - In WoS: 79 articles, 545 total citations, h-index 13, average citations per article 6,90
<http://www.researcherid.com/rid/C-8444-2013>
 - In Scopus: 81 documents, 575 total citations by 219 documents, h-index 14, average of 59 citations per year in the period 2014—2018,
<http://www.scopus.com/authid/detail.url?authorId=56321719200>
 - In MathSciNet: 74 publications, 620 total citations by 163 authors, h-index 15.
<http://www.ams.org/mathscinet/search/author.html?mrauthid=643000>
 - Total publications in the first quartile (JCR2017) in the period 2014—2018: 11.
- 3 PhD thesis supervised, 2 in the last 5 years (2016 and 2017).
- 4 PhD thesis under supervision nowadays.
- 3 “sexenios de investigación” (1998-2003, 2004-2009, 2010-2015).

Part B. CV SUMMARY (max. 3500 characters, including spaces)

I am Full Professor (Catedrático de Universidad) at the Department of Mathematical Analysis of the University of Granada, Spain, since 2016. Previously, I was Assistant and Associate Professor at the same University since I completed my PhD in 2000 under the supervision of Rafael Payá. During my whole career, I have realized an extensive research related to Functional Analysis, especially to Banach space theory. The concrete main lines in which I usually work are norm attaining operators, numerical range, Daugavet type properties, and isometries between Banach spaces. I have published around 70 papers in journals within the JCR and one book in Springer’s Lecture Notes in Mathematics series. These documents have been published with more than 40 co-authors; among the coauthors from outside Spain of papers of the last 10 years, I may cite Aron (USA), Choi (South Korea), Kadets (Ukraine), Kim (Korea), Koszmider (Poland), Lee (Korea), Popov (Ukraine), Randrianantoanina (USA), Rao (India), Ueda (Japan), and Werner (Germany).

I have presented invited talks in more than 25 international conferences celebrated in Lieja (Belgium), Kacov (Chequia), Daejeon, Gyeongju, Pyenongchang, and Seoul (South Korea), Cáceres, Madrid, Murcia (3), Valencia (4) and Zaragoza (Spain), College Station TX, Irvine CA, Kent OH, Memphis TN and New York NY (USA), Bangalore (India), Oaxaca (Mexico), Kielce (Poland) and Lviv (Ukraine).

I have a close collaboration with many international research groups and I have realized research stays at many Universities outside Spain as the University of California Irvine,

University of California San Diego, Kent State University, Miami University, Texas A&M University (USA), Université Paris VI (France), Freie Universität Berlin (Germany), Technical University of Lodz (Poland), Pohang Mathematical Institute and Dongguk University (South Korea), Indian Statistical Institute at Bangalore and Kolkata (India), and Spanish Universities as Autónoma de Madrid, Complutense de Madrid, Murcia, Sevilla, Valencia and Zaragoza. I would like to emphasize a 6 months stay at Kent State University (2012), funded with a grant of the Spanish Ministerio de Educación, Cultura y Deporte (program “Salvador de Madariaga”).

I have spent all my scientific career inside a research team which is regularly funded by the Spanish Government. Nowadays, I am one of the principal investigators of it.

I have directed three PhD thesis (2006, 2016, 2017) and I am actually supervising 4 more.

I would like to mention three results of the last 10 years which are a sample of my research accomplishments:

- the proof of the existence of a compact operator between Banach spaces which cannot be approximated by norm attaining operators, solving a long-standing open problem (since the 1970s);
- the proof with Koszmider and Meri of the existence of a Banach space which has only two surjective isometries, while the dual has as many surjective isometries as an infinite-dimensional Hilbert space.
- the proof with Kadets, López and Werner that every separable Banach space containing c_0 admits an equivalent norm whose set of norm-attaining functionals contains no two-dimensional subspace.

More information can be found in my web page <http://www.ugr.es/local/mmartins>

Part C. RELEVANT MERITS

C.1. Publications (10 representative of the last 5 years)

- Cascales, B., Chiclana, R., García-Lirola, J.C., Martín, M., Rueda, A., On strongly norm attaining Lipschitz maps, *J. Funct. Anal.*, electronically published with doi: 10.1016/j.jfa.2018.12.006
- Kadets, V., López-Pérez, G., Martín, M., Werner, D., Equivalent norms with an extremely nonlineable set of norm attaining functionals, *J. Inst. Math. Jussieu*, electronically published with doi: 10.1017/S1474748018000087
- Kadets, V., Martín, M., Meri, J., Pérez, A., *Spear operators between Banach spaces*, Lecture Notes in Mathematics 2205. Springer 2018. ISBN: 978-3-319-71332-8.
- Kadets, V., López-Pérez, G., Martín, M., Some geometric properties of Read's space, *J. Funct. Anal.* 274 (2018), 889—899.
- Dantas, S., García, D., Maestre, M., Martín, M., The Bishop-Phelps-Bollobás property for compact operators, *Canad. J. Math.* 70 (2018), 53—73.
- Kim, S.K., Lee, H.J., Martín, M., Bishop-Phelps-Bollobás property for bilinear forms on spaces of continuous functions, *Math. Z.* 283 (2016), 157—167.
- Aron, R., Choi, Y.S., Kim, S.K., Lee, H.J., Martín, M., The Bishop-Phelps-Bollobás version of Lindenstrauss properties A and B, *Trans. Amer. Math. Soc.* 367 (2015), 6085—6101.
- Martín, M., Norm-attaining compact operators, *J. Funct. Anal.* 267 (2014), 1585—1592.
- Choi, Y.S., Kim, S.K., Lee, H.J., Martín, M., The Bishop-Phelps-Bollobás theorem for operators on $L_1(\mu)$, *J. Funct. Anal.* 267 (2014), 214—242.
- Acosta, M.D., et al (8/8), The Bishop-Phelps-Bollobás property for operators between spaces of continuous functions, *Nonlinear Anal.* 95 (2014), 323—332.

C.2. Research projects and grants

- Title: RED DE ANÁLISIS FUNCIONAL Y APLICACIONES (NFAAS)
Denomination: Acciones de dinamización “Redes de Excelencia”
Funding agency: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD
Reference: MTM2016-81726-REDT
Entity: UNIVERSIDAD DE EXTREMADURA
Principal Investigator: JESÚS M. FERNÁNDEZ CASTILLO
Start: 01/07/2017 End: 30/06/2019 Amount of funding: 11.000€

Number of participants: 8 PIs of research projects of the MTM national program
Type of participation: researcher

- Title: TÉCNICAS GEOMÉTRICAS Y ALGEBRAICAS EN EL ESTUDIO DE LOS OPERADORES EN ESPACIOS DE BANACH
Denomination: Proyecto de I+D+i
Funding agency: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD
Reference: MTM2015-65020-P
Entity: UNIVERSIDAD DE GRANADA
Principal Investigator: GINÉS LÓPEZ PÉREZ AND MIGUEL MARTÍN SUÁREZ
Start: 01/01/2016 End: 31/12/2018 (extended to 31/12/2019) Amount of funding: 78.529€
Number of participants: 8 (+ 4 foreign researchers)
Type of participation: principal investigator

- Title: RED DE ANÁLISIS FUNCIONAL Y APLICACIONES (NFAAS)
Denomination: Red de Excelencia
Funding agency: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD
Reference: MTM2014-53152-REDT
Entity: UNIVERSIDAD DE EXTREMADURA
Principal Investigator: JESÚS M. FERNÁNDEZ CASTILLO
Start: 01/01/2015 End: 31/12/2016 Amount of funding: 10.000€
Number of participants: 10 PIs of research projects of the MTM national program
Type of participation: researcher

- Title: TÉCNICAS GEOMÉTRICAS Y ALGEBRAICAS EN EL ESTUDIO DE LOS OPERADORES EN ESPACIOS DE BANACH
Denomination: Proyecto de I+D+i
Funding agency: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD
Reference: MTM2012-31755
Entity: UNIVERSIDAD DE GRANADA
Principal Investigator: MIGUEL MARTÍN SUÁREZ
Start: 01/01/2013 End: 31/12/2015 Amount of funding: 101.790€
Number of participants: 10
Type of participation: principal investigator

- Title: TÉCNICAS ALGEBRAICAS, ARMÓNICAS, GEOMÉTRICAS Y TOPOLÓGICAS EN EL ESTUDIO DE OPERADORES EN ESPACIOS DE BANACH
Denomination: Proyecto autonómico de excelencia
Funding agency: JUNTA DE ANDALUCÍA
Reference: P09-FQM-4911
Entity: UNIVERSIDAD DE GRANADA
Principal Investigator: ARMANDO R. VILLENA MUÑOZ
Start: 03/02/2010 End: 31/12/2014 Amount of funding: 206.939€
Number of participants: 9
Type of participation: researcher

- Title: TÉCNICAS ALGEBRAICAS, ARMÓNICAS Y GEOMÉTRICAS EN EL ESTUDIO DE OPERADORES EN ESPACIOS DE BANACH.
Denomination: Proyecto autonómico de excelencia
Funding agency: Junta de Andalucía
Reference: P06-FQM-1438
Entity: UNIVERSIDAD DE GRANADA and UNIVERSIDAD DE ALMERÍA
Principal Investigator: ARMANDO R. VILLENA MUÑOZ
Start: 03/2007 End: 03/2010 Amount of funding: 180.000€
Number of participants: 16
Type of participation: researcher

C.3. Contracts

C.4. Patents

C.5 Research stays

- Centers: DONGGUK UNIVERSITY and POHANG MATHEMATICAL INSTITUTE
Country: South Korea Date: October-November 2012 Duration: 1 month
(partially funded by the “Campus de Excelencia Internacional” of the University of Granada)
- Center: KENT STATE UNIVERSITY
Country: USA Date: March – August 2012 Duration: 6 months
(Funded by the Spanish Ministerio de Educación, Cultura y Deporte through a “Salvador de Madariaga” program of the “Programa Nacional de Movilidad de Recursos Humanos del Plan Nacional de I+D+i 2008-2011”).

C.6 Short research stays

(5 representative places of stays abroad)

- Texas A&M University (College Station, TX, USA), 1 week in 2015.
- Dongguk University (Seoul, South Korea), 1 week in 2011, 1 week in 2014, 1 week in 2015.
- University of California San Diego (San Diego, CA, EEUU), 2 weeks in 2012.
- Miami University (Oxford, OH, EEUU), 1 week in 2012.
- Pohang Mathematics Institute, POSTECH (Pohang, South Korea), 1 week in 2009, 1 week in 2011.

C.7 PhD and Master thesis supervision

- 3 Master thesis supervised (last 5 years): Ángela Capel (2015), Rafael Chiclana (2018), Alicia Quero (2018).
- 2 PhD thesis supervised (last 5 years):
 - Mario Chica Rivas (codirected with J. Merí), 2016, PhD cum laude with International Mention, Universidad de Granada, 5 JCR publications resulting from the dissertation; actually AdOps at AdSupply Inc (private company), USA.
 - Sheldon M. Gil Dantas (codirected with D. García and M. Maestre), 2017, PhD cum laude with International Mention, Universidad de Valencia, 4 JCR publications resulting from the dissertation; actually postdoc at the Czech Technical University in Prague, Czech Republic.
- 4 PhD students in early stages of their studies currently supervised or cosupervised: Rafael Chiclana (U Granada, Spain); Geunsu Choi (POSTECH, Korea) with Y.S. Choi; Alicia Quero (U Granada, Spain) with J. Merí; Oscar Roldan (U Valencia) with D. García and M. Maestre.

C.8 Others

- Member of the Editorial Board of the journals:
 - *Advances in Operator Theory*, Tusi Mathematical Research Group and Project Euclid, ISSN 2538-225X (since 2016);
 - *Journal of Function Spaces*, Hindawi, ISSN: 2090-8997 (since 2014).
- Member of the evaluation panel of the following institutions and organisms: ANECA (Spain), since 2007; FONDECYT (Chile), 2013; Czech Science Foundation (Czech Republic), 2013.
- External expert for promotion: University of Memphis, USA (2013 and 2014); Indian Institute of Technology Kampur, India (2016).
- Organization of several research conferences, including the Biannual Congress of the Spanish Royal Mathematical Society (Granada 2015), the Workshop on Banach spaces Granada (2015), an special session in the Functional Analysis Valencia 2010 conferece, and 4 editions of the annual meeting of the Spanish Network on Functional Analysis and Applications (2008-2011)
- Member of the Commission of Internal Quality Guarantee of the Doctorate Program on Physics and Mathematics FISYMAT of the Universities of Granada and Castilla la Mancha, since 2014.
- Deputy coordinator of the Spanish Network of Functional Analysis and Applications (NFAAS), 2006-2011.