

CURRICULUM VITAE

RICHARD MARTIN ARON

March 15, 2009

Date of birth: October 23, 1944
Date of hire: 1982
Current rank: Professor, Department of Mathematical Sciences, Kent State University
Graduate Faculty Status: Full Member 1981

EDUCATION

1965 B.S. Union College, Schenectady, New York
1965-69 University of Rochester, Rochester, New York, National Science Foundation Trainee
1969-70 Instituto de Matematica Pura e Aplicada (IMPA), Rio de Janeiro, Brazil
1971 Ph.D. University of Rochester, Rochester, New York
1983 M.A.(jure officii) Trinity College, University of Dublin

PROFESSIONAL EXPERIENCE

Academic Positions:

1969-70 Assistant, Instituto de Matematica, Rio de Janeiro, Brazil
1970-71 Postdoctoral Fellow, University of Kentucky
1971-74 Assistant Professor, University of Kentucky
1972-73 (on leave, Trinity College, University of Dublin)
1974-78 Lecturer, Trinity College, University of Dublin
1978-82 Fellow, Trinity College, University of Dublin
1982-86 Associate Professor, Kent State University
1982-83 (on leave, Trinity College, University of Dublin)
1986- Professor, Kent State University

Visiting Positions:

1972-73 Visiting Lecturer, Trinity College, University of Dublin
1977-78 Visiting Professor, Universidade Federal do Rio de Janeiro, Brazil
1981-82 Visiting Associate Professor, Kent State University
1982-83 Trinity College, University of Dublin
1986-87 Visiting Professor, University College Dublin
Fall 1989 Visiting Professor, Universidad Complutense de Madrid
1992-93 Visiting Professor, University College Dublin
Jul-Aug-1995 Visiting Professor, Universidad de Buenos Aires, Argentina
Spring 1997 Visiting Professor, Universidade de Coimbra, Portugal
September-00 - February-01 Visiting Professor, Trinity College Dublin
March-01 - July-01 Visiting Professor, Universidad de Valencia, Spain

Visiting Positions: (short-term positions)

Jun-Sep-1975 Visiting Professor, Universidade Federal do Rio de Janeiro, Brazil
Sep-Oct-1976 Visiting Professor, Universite de Nancy, France
Mar-1979 Visiting Professor, Universities of Madrid and Santiago, Spain
Jun-1979 Visiting Professor, Universite de Nancy, France

Visiting Positions: (short-term positions) (cont'd)

Jun-Aug-1981	Visiting Professor, Universidade Federal do Rio de Janeiro, Brazil
Apr-1983	Visitor, Institute of Mathematics, Warsaw, Poland
Jun-Jul-1983	Visiting Professor, Universite de Bordeaux, France
May-Jun-1984	Professor, Universidad de Madrid (Complutense)
Jun-Jul-1986	Visiting Professor, Universidad de Madrid, Universidad de Valencia, Spain (supported in part by an NSF Short-Term study grant, jointly with Joe Diestel)
Dec, 1987	Visitor to the Polish Academy of Sciences (Warsaw & Krakow).
June-Aug-1989	Visiting Professor, Universidade Federal do Rio de Janeiro and Universidade Estadual de Campinas
June-1991	Visiting Professor, Universidad de Valencia, Spain
September-1992	Visiting Professor, Universidad de Valencia, Spain
Jul-Aug-1993	Visiting Professor, Universidade Federal do Rio de Janeiro, Brazil
Oct-1993	Visitor, Pohang Institute of Science and Technology, Korea
Jul-Aug-1995	Visiting Professor, Universidad de Buenos Aires, Argentina
Sept-Oct-1999	Visiting Professor, Univ. de San Andrés (Buenos Aires, Argentina), Fulbright Fellow.
April, 2004	Distinguished Visiting Professor, Bucknell University, Pennsylvania.
April - June, 2006	Distinguished Visiting Professor, Universidad Complutense de Madrid
April - June, 2007	Visiting Professor, Universidad de Buenos Aires
November, 2007	Visitor, Postech (Pohang, Korea)
September-08 - January-09	Fulbright Fellow, University College Dublin, Ireland

RESEARCH AWARDS, GRANTS AND FELLOWSHIPS

1972-73	National Science Foundation Grant
Sep-Oct-1976	Irish NSC-French CNRS Grant, (Visiting Professor, Universite de Nancy, France)
1976-77	European Research Office, London, (U. S. Army) Grant, Principal Investigator(jointly with S. Dineen): <i>Vector space measures and applications</i>
Jun-Jul-1983	Irish NBST-French C.N.R.S. Grant - (Visiting Professor, Universite de Bordeaux, France)
Sum-1985	N.S.F. Grant, C.S.U.I. Grant, Argonne Universities Grant, International Mathematical Union Grant for Conference on Banach Spaces and Classical Analysis, Summer 1985 (jointly with Joe Diestel)
Jun-1986	N.S.F. Grant, short-term cooperative visit to Spain (jointly with Joe Diestel)
Fall, 1987	K.S.U. Grant for informal analysis seminars (jointly with Andrew Tonge & Joe Diestel)
July,'88-Sept,'89	N.S.F. Grant, cooperative visit to Madrid and Seville, (jointly with J. Diestel, A. Tonge & R.H. Lohman)
July, 1988	Grant for Microprogram on Banach Spaces, University of California at Berkeley.
Jan,'92-June,'95	N.S.F. Grant (Algebras in Analysis, jointly with Joe Diestel), joint program with the Polish Academy of Sciences.
March-1993	Grant from the US-Spain Joint Committee for Cultural and Educational Cooperation.
April-1994	Grant from the Institute for Mathematics and its Applications for a Conference on "Polynomial Inequalities."
February-1996	Participant: Special Session on Infinite Dimensional Convexity, MSRI (Berkeley), February, 1996
Fall-1996	Grants from the N.S.F., C.S.U.I., and I.M.A. (jointly with Joe Diestel) for a <i>Conference on Modern Banach Space Theory</i> , December, 1996.
December-1997	National Research Council (COBASE)
April-1999	Distinguished Teaching Award, College of Arts & Sciences, Kent State University
Sept-Oct, '99	C.I.E.S. (Fulbright) Grant to the Univ. de San Andres, Buenos Aires, Argentina
Fall, '00	Finalist, Distinguished Teaching Award, Kent State University
Spring, 05	CSUI Grant for <i>Conference on Infinite Dimensional Analysis</i> , February, 2005.

February-2007	Univ. de Valencia (Research visitor).
March-2007	Univ. of Montana (Evaluator of the program of the Department of Mathematical Sciences)
September-08 - January-09	C.I.E.S. (Fulbright) Grant to University College Dublin, Ireland.

RESEARCH RELATED ACTIVITIES

Primary Research Interests:

Functional Analysis
 Complex Analysis
 Approximation Theory

Specific Research Interests:

Banach Algebras
 Disc and Polydisc Algebras
 Infinite Dimensional Holomorphy

Invited Conference Presentations:

- 1972 Fiftieth Anniversary of the Dublin University Mathematical Society
- 1973 Dublin Conference on Infinite Dimensional Holomorphy
- 1973 Conference on Infinite Dimensional Holomorphy, University of Kentucky
- 1973 Conference on Infinite Dimensional Holomorphy, Northern Illinois University
- 1974 Conference on Analytic Functions, Krakow, Poland
- 1974 Conference on Weighted Approximation, Bonn, Germany
- 1975 Colloque d'Analyse Fonctionnelle, University de Bordeaux, France
- 1975 Conference on Infinite Dimensional Holomorphy, University de Campinas, Brazil
- 1977 Congresso Brasileiro de Analise, IMPA, Rio de Janeiro
- 1977 Conference on Approximation Theory and Functional Analysis, Campinas, Brazil
- 1977 Conference on Infinite Dimensional Holomorphy, Rio de Janeiro, Brazil
- 1981 Conference on Holomorphy, Approximation Theory and Functional Analysis, University Federal do Rio de Janeiro, Brazil
- 1983 Semester on Banach spaces, Warsaw, Poland
- 1985 Co-organizer, with Joe Diestel, of *Banach Spaces and Classical Analysis*, at K.S.U., July 27-Aug. 11, 1985.
- 1986 Co-organizer: Informal Analysis Seminars, at KSU (with J. Diestel, P. Enflo, R.H. Lohman, & A. Tonge).
- 1988 Conference on Functional Analysis, El Escorial, Spain.
- 1989 Conference on Computer Assisted Proofs in Analysis, Univ. of Cincinnati.
- 1989 Conference in honor of Leopoldo Nachbin, Campinas, Brazil
- 1989 Approximation theory and holomorphy, Madrid, Spain
- 1990 Conference on Functional Analysis, Jarandilla de la Vera, Spain
- 1991 Conference on Polynomials ("Polynomial norms: Real and Complex Cases," May 2, 1991), Paris, France.
- 1991 ELAM X (Escuela latinoamericana de matemática, Córdoba, Argentina.
- 1992 Conference on Functional Analysis, Mérida, Venezuela.
- 1992 Conference on Analysis, Wangerooge, Germany.
- 1993 Mathematical Symposium, Dublin Institute for Advanced Studies.
- 1993 Conference on Abstract Analysis, Kruger National Park, (organizing committee, plenary speaker).
- 1993 Conference on Partial Differential Equations and Abstract Analysis, Han-sur-Lesse, Belgium.

- 1994 Conference on Function Spaces, Edwardsville, Illinois.
- 1994 Conference on polynomials and holomorphy in infinite dimensions, Dublin, Ireland.
- 1995 Conference on Functional Analysis, Madrid, Spain.
- 1996 “Infinite dimensional function theory,” (a series of lectures at the Spring School on Functional Analysis, organized by the Faculty of Mathematics and Physics, Charles University, Prague, Paseky nad Jizerou, April 21-27, 1996.)
- 1997 Conference on Functional Analysis, Madrid, Spain.
- 1998 Conference on Function Spaces, Edwardsville, Illinois.
- 1999 28th Frolik Winter School on Functional Analysis, Kristanovice, Czech Republic.
- September-1999 Univ. de La Plata, Argentina, *Polinomios simetricos en espacios de Hilbert*, at the Annual Meeting of the Argentine Mathematical Society
- December-1999 Univ. Complutense de Madrid, Spain *Some properties of multilinear mappings*, at the Sixth Conference on Infinite Dimensional Analysis
- 2001 CIMAT (Centro de Investigación de Matemática), Guanajuato, Mexico
- 2001 23rd Nordwestdeutsches Funktionalanalysis-Kolloquium, Paderborn, January 20, 2001, *Linear subspaces of a Banach space satisfying certain conditions*
- 2002 Scientific Organizing and Program Committee; Main Speaker, *International Conference on Infinite Dimensional Function Theory in Pohang, a Satellite Conference to the International Congress of Mathematics 2002 in Beijing*, August 12-16, 2002.
- 2003 Coorganizer (with J. Jaramillo, J. Llavona, and A. Tonge), Special Session on “Polynomials and multilinear mappings in infinite dimensions,” at the joint meeting of the American Mathematical Society and the Real Sociedad Matemática de España, Seville, June, 2003 (Spain).
- 2003 Function theory on infinite dimensional spaces, December, 2003, Madrid.
- 2004 Main speaker, Second International Course of Mathematical Analysis in Andalucia, September 24 - 28, 2004 (Granada, Spain).
- 2004 Invited Speaker, Special trends in operator theory and Banach spaces, AMS Regional Meeting, Pittsburgh, Pa, November, 2004. (*Zeros of polynomials*)
- 2005 Invited speaker, Applications and Generalizations of Complex Analysis, Aveiro (Portugal), June, 2005.
- 2005 Main speaker, IVth International Workshop on Functional Analysis, Liège (Esneux), Belgium, September 5 - 9, 2005.
- 2007 Main speaker, Infinite dimensional analysis X, Univ. Complutense de Madrid, December, 2007.
- 2009 Main speaker, V-Encuentro-Analisis-Funcional, Univ. Murcia (Spain), February, 2009.

Invited Talks:

- 1970 Sao Jose dos Campos, Brazil
- 1973 Dublin Institute for Advanced Studies
- 1973 Universitat Trier Kaiserslautern, Germany
- 1973 Ruhr-Universitat Bochum, Germany
- 1974 Kent State University, Kent, Ohio
- 1975 Paris, France (Sem. Lelong)
- 1975 Universite de Nancy, France
- 1975 Universidade de Sao Paulo, Brazil
- 1976 University of Munich, Germany
- 1977 Universidade de Campinas, Brazil
- 1978 Universidade de Sao Paulo, Brazil

- 1979 Gesamthochschule Paderborn, Germany
- 1979 Universidad de Madrid, Spain
- 1979 Universidad de Santiago, Spain
- 1979 Universite de Nancy, France
- 1979 Han-sur-Lesse, Belgium
- 1980 Oberwolfach, Germany
- 1981 Universidad de Madrid, Spain
- 1981 Universidade de Campinas, Brazil
- 1981 Cleveland State University, Cleveland, Ohio
- 1981 University of Rochester
- 1982 University of Maryland
- 1983 Mathematical Institute, PAN, Warsaw, Poland, *Polydisc algebras in infinite dimensions*. (April)
- 1983 Banach Center, Warsaw, Poland, *Analytic functions on Tsirelson's space*. (April)
- 1983 University of Krakow, Poland, *Analytic functions on Tsirelson's space*. (April)
- 1983 Gesamthochschule Essen, Germany, *Analytic functions on Tsirelson's space*. (May)
- 1983 Gesamthochschule Paderborn, Germany, *Spectra of spaces of analytic functions in infinite dimensions*. (May)
- 1983 University of Rochester, *Analytic functions on Tsirelson's space*. (November)
- 1984 Wright State University, *A survey of recent results and proofs related to the Stone Weierstrass theorem*. (April)
- 1984 Colegio Universitario de Vigo, *Nuevas demostraciones del teorema Stone Weierstrass*. (May)
- 1984 Universidad de Santiago, *Homomorfismos sobre espacios de funciones analíticas*. (May)
- 1984 Universidad de Valencia, *Productos tensoriales de espacios de Tsirelson*. (June)
- 1984 Universidad de Valencia, *Algebras del polidisco en dimension infinita*. (June)
- 1985 Youngstown State University, *Polynomial approximation of Continuous and differentiable functions*. (February)
- 1986 Cleveland State University, *Homomorphisms on Spaces of Differentiable Functions*. (May)
- 1986 Universidad de Madrid, *Homomorfismos sobre espacios de funciones diferenciables, Una funcion geométrica sobre la bola de un espacio de Banach, Factorización de funciones holomorfas*, (June).
- 1986 Universidad de Valencia, *Una funcion geométrica sobre la bola de un espacio de Banach, Factorización de funciones holomorfas*, (June).
- Dec-1986 Institute for Advanced Study, Mathematical Symposium, *Homomorphisms and Continuity*.
- Jan-1987 University College Cork, *A geometric function defined on the ball of a Banach Space*.
- Feb-1987 St. Patrick's College, Maynooth, *The maximal ideal space of H_∞ of an infinite dimensional ball*.
- May-1987 Universitat Gesamthochschule Oldenburg, *A geometric function defined on the ball of a Banach space*.
- May-1987 Universitat Zurich, Universitat Munchen, Universitat Gesamthochschul Essen, Universitat Gesamthochschule Paderborn, *Infinite Dimensional Polydisc Algebras*.
- July-1987 University of Ljubljana, *Infinite Dimensional Polydisc Algebras*.
- Oct-1987 Informal Functional Analysis Meeting, Kent State, *Infinite Dimensional Polydisc Algebras*.
- Dec-1987 Polish Academy of Sciences (Warsaw & Krakow), *Infinite Dimensional versions of $A(D)$ and $H^\infty(D)$* .
- Feb-1988 Cleveland State University, *Interpolation on c_0* .
- Mar-1988 Wright State University, *Analytic functions on c_0* .
- June-1988 Universidad de Zaragoza, *Analytic functions on c_0 , Infinite dimensional polydisc algebras*.
- Feb-1989 Bowling Green State University, *Functions on c_0* .
- June-1989 Universidad Complutense de Madrid, *La λ - propiedad y la propiedad de representaciones for desenvolvimientos convexos*.
- June-1989 Universidad de Vigo, Spain, *Polinomios sobre c_0* .
- August-1989 Universidade Federal de Rio Grande Do Sul, Brazil, *Aproximação polinomio*.
- August-1989 Universidade de Sao Paulo, Brazil, *A propriedade λ sobre espacios de Banach, Algebras de polidisco em dimensão infinita*.
- November-1989 Universidad de Extremadura, Spain *Algebras de polidisco en dimensión infinita, La λ -propiedad sobre espacios normados*.
- January-1990 (Univ. Complutense de Madrid), Colloquium, *Polynomial approximation*.
- January-1990 (Trinity College Dublin), *Analytic functions on ℓ_1* .

- February-1990 (Oakland University, Michigan), Colloquium, *The λ -property in Banach spaces.*
- June-1990 (Universitat de Barcelona), *Algebras de polidisco en dimensión infinita.*
- June-1990 (Universidad de Sevilla), *Algebras de polidisco en dimensión infinita.*
- June-1990 (Universidad de Granada), *La λ -propiedad sobre espacios normados.*
- October-1990 (Conference on Functional Analysis in Honor of Manuel Valdivia, Peñíscola, Spain), *Weakly continuous analytic functions.*
- April-1991 (Univ. of Pittsburgh), *Algebras of analytic functions.*
- May-1991 (Universidad Complutense de Madrid), *Polinomios.*
- June-1991 (Universidad de Valencia), *Estimaciones para la norma de un polinomio, Continuidad, polinomial, Fronteras de álgebras de funciones analíticas.*
- August-1991 (Universidade Federal do Rio de Janeiro, Brazil), *Polinomios.*
- March-1992 (Texas A & M Univ.), *Analytic functions on c_0 .*
- May-1992 (Cleveland State Univ.), *Polynomials on ℓ_2 .*
- September-1992 (Universidad de Santiago, Spain), *La relación entre la norma de un polinomio y sus coeficientes, Algebras del disco en bolas de espacios de Banach.*
- September-1992 (Universidad de Valencia,) “La relación entre la norma de un polinomio y sus coeficientes.”
- October-1992 University College Cork, *The relation between the norm of a polynomial and its coefficients.*
- November-1992 Universität Gesamthochschule Paderborn, *Regularity and algebras of analytic functions in infinite dimensions.*
- May-1993 Universität Zürich, *Banach algebras of analytic functions on a Banach space.*
- Jul-Aug-1993 Universidade de São Paulo, *A relação entre a norma de um polinomio e seus coeficientes, Regularidade e algebras de funções analíticas.*
- March-1994 University of Kentucky, *The polydisc algebra in infinite dimensions,*
- November-1994 Penn State University (Shenango Campus), *Mathematics and Hostess Ho-Ho's.*
- January-1995 Washington University (St. Louis), *The relation between the coefficients of a polynomial and its norm.*
- April-1995 Bowling Green State University, *Analytic functions on a Banach space.*
- September-1996 Miami University, *Polynomials in many variables.*
- May-1997 Univ. de Santiago, *Zeros de polinomios.*
- June-1997 Univ. de Viseu, *On the arithmetic-geometric mean.*
- July-1997 Univ. de Extremadura *Zeros de polinomios*
- July-1997 Univ. de Valencia, *Zeros de polinomios.*
- December-1997 Univ. Complutense de Madrid, *On the Michael Problem.*
- February-1998 Wright State University, *Zero subspaces of polynomials.*
- June-1998 National Technical University, Athens, *Zero subspaces of polynomials and Symmetric functions on ℓ_2 .*
- June-1998 Hungarian Academy of Sciences, Budapest, *Zero subspaces of polynomials.*
- November-1998 Universidade Federal do Rio de Janeiro, *Zeros de Polinômios, on the occasion of the Thirtieth Anniversary of the Instituto de Matematica of UFRJ.*
- November-1998 Univ. Federal Fluminense, *Funcões simétricas sobre ℓ_2 .*
- November-1998 Univ. Estadual de Campinas, *Zeros de Polinômios.*
- November-1998 Univ. de São Paulo, *Operadores hipercíclicos e operadores de composição.*
- February-1999 Case Western Reserve University, *Subspaces in the zero set of a polynomial*
- September-1999 Instituto Argentino de Matemática, *Ceros de polinômios*
- November-2000 University College Galway, *Algebras of symmetric holomorphic functions*
- December-2000 University College Cork, *Searching for linearity*
- December-2000 Dublin Institute for Advanced Studies, *Linearity in non-linear problems*
- January-2001 Oldenburg, Germany
- January-2001 Waterford Institute of Technology, *The Cantor set and fixed point theorems*
- February-2001 Maynooth College, *Algebras of symmetric analytic functions*
- February-2001 Queens University Belfast, *Algebras of symmetric analytic functions*
- February-2001 National University of Ireland, Maynooth College, *Algebras of symmetric analytic functions*
- March-2001 Universidad Complutense de Madrid, *Conjuntos de continuidad sucesionalmente debil de polinomios*

April-2001	Universidad de Murcia, <i>Conjuntos de continuidad sucesionalmente debil de polinomios</i>
April-2001	Universidad de Granada, <i>Conjuntos de continuidad sucesionalmente debil de polinomios</i> and <i>Ceros de polinomios</i>
April-2001	Universidad de Cádiz, <i>Ceros de polinomios</i>
May-2001	Real Academia de Ciencias, Madrid, <i>Linealidad en problemas no lineales</i>
December-2001	CIMAT (Guanajuato, Mexico), <i>Linealidad en problemas no lineales</i>
October-2002	University of Memphis, <i>Linearity in non-linear situations</i>
November-2003	University of Uppsala (Sweden), <i>Linearity in non-linear situations</i>
June-2004	Jagiellonian University (Krakow, Poland), <i>Zeros of polynomials: A Survey</i>
May-2005	Univ. Cadiz (Spain), <i>Propiedades buenos y malos en la matemática</i>
May-2005	Univ. Cadiz (Spain), <i>Algebraic and analytic properties of linear and multilinear mappings</i>
June-2005	Univ. Coimbra (Portugal), <i>Algebraic and analytic properties of linear and multilinear mappings</i>
November-2005	Univ. São Paulo (Brazil), <i>Propiedades algebraicas e continuas de formas multilineais; Estrutura linear em contextos nao lineares</i>
May-2006	Univ. Complutense de Madrid (Spain), em Ceros de polinomios, (Colloquium del Departamento de Análisis Matemático).
June-2006	Univ. Complutense de Madrid (Spain), <i>Sumas y productos de cosas malas</i> , (Colloquium de la Facultad de Ciencias Matematicas).
June-2006	Univ. Zaragoza (Spain), <i>Ceros de polinómios</i> .
March-2007	Oakland University (Michigan), <i>Linearity in non-linear situations</i> ,
March-2007	University of Montana, <i>Linearity in non-linear situations</i> .
May-2007	Universidad de San Andrés, <i>Buen comportamiento de conjuntos de malas funciones</i> .
February-2008	Oberwolfach, <i>A Banach space of universal functions for H^∞ of the ball</i> .
March-2008	Université Laval, <i>Cluster sets for H^∞ on infinite dimensional balls</i> .
October-2008	National University of Galway, <i>Cluster sets in finite and infinite settings</i>
November-2008	Queens University Belfast, <i>Cluster sets in finite and infinite settings</i>

Reviewer:

Mathematical Reviews
Zentralblatt für Mathematik

Editorial work:

Journal of Mathematical Analysis and Applications (from October, 1989) (Associate Editor)
(from July, 2006: Editor-in-chief)

Guest Editor, JMAA, **297**, 2 (Sept. 15, 2004), in honor of the eightieth birthday of John Horváth
Revista Matemática (Univ. Complutense de Madrid), 1989-2000.
Proceedings of the Royal Irish Academy (Section A), Consultative Committee

PROFESSIONAL SOCIETIES AND HONORARIES

Phi Beta Kappa (Chapter Vice President (1996-98), Chapter President (1998-2000))
Sigma Xi
Phi Beta Delta
American Mathematical Society
Mathematical Association of America
London Mathematical Society
Irish Mathematical Society
Academico Extranjero de la Real Academia de Ciencias Exactas, Fisicas y Naturales de España (Corresponding member of the Royal Academy of Exact, Physical, and Natural Sciences, Spain)
Associate Member, Pohang Mathematics Institute (September 1, 2007 - August 31, 2010)

RESEARCH PUBLICATIONS

1. *A characterization of holomorphic germs of arbitrary type*, Atas do 3° Coloquio de Matematica, Sao Jose dos Campos, Brazil 1970.
2. *Sur la topologie bornologique pour l'espace d'applications holomorphes*, Comptes Rendus de l'Academie des Sciences de Paris 272(1971), 872-73.
3. *Holomorphic functions on balanced subsets of a Banach Space*, Bulletin of the Amer. Math. Soc. 78(1972), 624-27.
4. *A theorem on holomorphic mappings into Banach spaces with basis*, (with Joseph Cima), Proc. of the Amer. Math. Soc. 36, No. 1 (1972), 289-92.
5. *Holomorphy types for open subsets of a Banach space*, Studia Math. 45(1973), 273-89.
6. *The bornological topology on the space of holomorphic mappings on a Banach Space*, Math. Ann. 202(1973), 265-72.
7. *Tensor products of holomorphic functions*, Indag. Math. 35, No. 3 (1973), 192-202.
8. *Entire functions of unbounded type on a Banach space*, Bollettino U.M.I.(4), (1974), 28-31.
9. *Compact holomorphic mappings on Banach spaces and the approximation property*, (with Martin Schottenloher), Bull. A.M.S. 80(1974), 1245-49.
10. *The approximation property for spaces of holomorphic functions on a Banach space, function spaces and dense approximation*, Bonner Mathematische Schriften, 81(1975).
11. *Compact holomorphic mappings on Banach spaces and the approximation property*, (with Martin Schottenloher), J. Functional Analysis, (21), 1(1976), 7-30.
12. *Interpolation by vector-valued analytic functions*, (with Josip Globevnik and Martin Schottenloher), Rend. Math. (Rome), (1976).
13. *The range of vector valued holomorphic mappings*, Proc. Conf. Anal. Functions, Krakow, 1974, Ann. Polon. Math. 33(1976) 18-20.
14. *Compact polynomials and compact differentiable mappings between Banach spaces*, Sem. Lelong, Springer Lecture Notes 524(1976), 213-222.
15. *Approximation of differentiable functions on a Banach space*, Infinite Dimensional Holomorphy and Applications, North Holland Mathematics Studies 12, Mario C. Matos (editor) (1977), 1-17.
16. *A Hahn Banach extension theorem for analytic mappings*, (with Paul Berner), Bull. Soc. Math. France, 106(1978), 3-24.
17. *Weakly uniformly continuous and weakly sequentially continuous entire functions*, Advances in Holomorphy, Rio de Janeiro, 1977, J. A. Barroso (editor), North Holland, 47-66.
18. *Polynomial approximation and a question of G. E. Shilov*, *Approximation Theory and Functional Analysis*, Campinas, 1977, J. B. Prolla (editor) North Holland (1979), 1-12.
19. *Extension and lifting theorems for analytic mappings on a Banach space*, 6 Seminario Brasileiro de Analise, IMPA,(1977) 1-6.
20. *Vector space measures and applications I, II*, Proceedings, Dublin 1977, (edited jointly with S. Dineen), Lecture Notes in Mathematics, Springer-Verlag (1978), 644-45.
21. *Polynomial approximation of differentiable functions on Banach spaces*, (with J. B. Prolla), J. Reine Angew. Math. Bd. 313(1980) 195-216.
22. *Extension and lifting theorems for analytic functions*, Functional Analysis: Surveys and Recent Results (1979), K-D. Bierstedt and B. Fuchsteiner (editors), North Holland, 257-67.

23. *Weakly continuous mappings on Banach spaces*, (with Carlos Herves and M. Valdivia), J. Functional Analysis, (52) 2(1983), 189-204.
24. *Weakly sequentially continuous analytic functions on Banach Spaces*, (with C. Herves), Functional Analysis, Holomorphy, and Approximation Theory II, G. I. Zapata (ed.), North-Holland (1984), 23-38.
25. *A reflexive space of holomorphic functions in infinitely many variables*, (with S. Dineen and R. Alencar), Proc. A.M.S. 90, No. 3(1984), 407-411.
26. *Tensor products of Tsirelson's space* (with Raymundo Alencar and Gerd Fricke), Ill. J. Math., 31 (1), (Spring, 1987), 17-23.
27. *Weakly continous functions on Banach spaces containing ℓ_1* (with J. Diestel and A.K. Rajappa), in Banach Spaces (Proc. of the Missouri Conference), Lecture Notes in Math 1166 (1985), 1-3.
28. *Homomorphisms on $C(R)$* , (with G. Fricke), Amer. Math. Monthly, Vol. 93, No. 7, August-September 1986, 555.
29. *A geometric function determined by extreme points of the unit ball of a normed space* (with R. H. Lohman), Pac. J. Math., 127 (2) (1987), 209-231.
30. *Weak continuity of mappings between spaces of compact operators*, (with A. K. Rajappa), Portugalia Mathematica **47**, 4 (1990), 353-360.
31. *An algorithm for computing the Tsirelson space norm*, (with J. W. Baker and O. A. Slotterbeck), in "Tsirelson's Space," by P. Casazza and T.J. Shura, Lecture Notes in Mathematics 1363(1989), 159-203.
32. *Factorization of holomorphic mappings in infinite dimensions*, (with L.A. Moraes and R. Ryan), Math. Annalen 277(1987), 617-628.
33. *Homomorphisms between algebras of differentiable functions in infinite dimensions*, (jointly with J. Gomez and J. Llavona), Mich. Math. J. 35 (1988), 163-178.
34. *Composition of weakly uniformly continuous functions*, (jointly with J. Llavona), in Proc. Royal Irish Academy, (1988), 88A, 299-35.
35. *Interpolation by analytic functions on c_o* , (jointly with J. Globevnik), in Proc. Cambridge Phil. Soc. (1988), 104, 295-302.
36. *Analytic Functions on c_o* , (jointly with J. Globevnik), Revista Matematica (Univ. Complutense de Madrid) **2** (1989), 27-33.
37. *Rotundity, the C.S.R.P., and the λ -property in Banach spaces*, (jointly with R.H. Lohman and A. Suarez), Proc. A.M.S. **111**, no. 1 (1991), 151- 155.
38. *Computing the Tsirelson space norm*, (jointly with J.W. Baker and O.A. Slotterbeck) in **Computer aided proofs in analysis**, (K.R. Meyer and D.S. Schmidt, editors), I.M.A. Volumes in Mathematics and its Applications **28** (1990), 12-21.
39. *Spectra of algebras of analytic functions on a Banach space*, (jointly with B.J. Cole and T.W. Gamelin), J. Reine Angew. Math. (Crelle) **415** (1991), 51-93.
40. *Boundaries for algebras of analytic functions on infinite dimensional Banach spaces* (with Y. S. Choi, M.L. Lourenço, and O.W. Paques), in "Banach spaces," (B.L. Lin and W.B. Johnson, editors), Contemporary Mathematics, AMS (1993).
41. *Polynomials in many variables: Real vs complex norms* (with B. Beauzamy and P. Enflo), J. Approx. Th. **74**, 2 (1993), 181-198.
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 J. Zemanek, (November-December, 1988, April, 1996)
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 I. Sarantopoulos (Calendar year, 1996)
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 John Loane (doctoral student of Raymond A. Ryan), external examiner June-08, National University of Ireland, Galway.