

## CURRICULUM VITAE



Name: Dr. Petra Lietz  
Date of birth: 29.09.1966  
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Education			
<u>Year</u>	<u>Degree/Certificate</u>	<u>Institution</u>	<u>Comments</u>
1997	PhD	The Flinders University of South Australia, School of Education	Multivariate and multilevel analysis of large-scale data sets from eight countries on two occasions using Rasch modeling (QUEST), Linear Structural Relations Modeling (LISREL), Partial Least Squares Path Analysis (PLSPATH) and Hierarchical Linear Modeling Grade: "With highest commendation"
1992	Master of Education	Flinders University of South Australia, School of Education	Areas of Specialisation: Evaluation and Statistics; Title of Master Thesis: <i>Individual Student Factors Influencing Reading Achievement at the 14-year-old level in 15 Educational Systems.</i>
1990	Bachelor of Education (Vordiplom)	University of Hamburg, School of Education	Educational Studies and Sociology Teaching Subjects: French, Theology
1985	Matriculation (Abitur)	Bismarck Gymnasium, Hamburg (High school of modern languages, mathematics and natural sciences).	Areas of Specialization: English and French Grade: 1.9 (Scale: 1 "Very good" to 5 "Fail")

Additional qualifications			
<u>Year</u>	<u>Degree/Certificate</u>	<u>Institution</u>	<u>Comments</u>
2002	Master of Accounting	Central Queensland University	Degree (external mode) for graduates from non-business degrees, covering Business Law, Company Law, Cost and Management accounting, Tax Law, Auditing, Management Information Systems etc.)
1996	RSA/Cambridge Certificate of Teaching English as a Foreign Language	South Australian College of English, Adelaide, Australia	Highly practical training to teach English to adults from beginners to Cambridge First Certificate (upper intermediate) level
1986	Diplôme Supérieur d'Études Françaises Modernes	Alliance Française, Paris, France	Examination Subjects: French Grammar, Literature and Culture
1986	Diplôme de Langue Française	Alliance Française, Paris, France	Examination Subjects: French Grammar and Literature

## Employment record

<u>Year</u>	<u>Position-Employer-Location</u>	<u>Comments</u>
2009	Australian Council for Educational Research, Adelaide Office	Senior Research Fellow National and International Surveys
2003-2008	Professor of Quantitative Research Methods, Jacobs University Bremen [International University Bremen until spring 2007], Germany	Lecturing in methods courses of the Faculty of Humanities and Social Sciences; internationally comparative research into factors influencing school achievement
2000-2002	Associate Project Director- International Survey Research – London, UK	Project management of international and national employee opinion surveys
1996-2000	Central Queensland University, Faculty of Business and Law – Rockhampton, Australia:	During this period, I held different positions with different responsibilities:
1998-2000	Associate Dean (Research) + Senior Lecturer	Management of research: Policies, budgets & personnel
Feb-Apr 99	Acting Dean	Management of Faculty:
1996-1997	Lecturer in Quantitative Research Methods and Statistics	80 staff; 3,000 students; 7 locations; A\$8 million, during Dean's long service leave. Lecturing of postgraduate students and assistance to increase participation in research by Faculty staff and postgraduate students
11/97 - 1/98	Consultant - OECD Headquarters - Paris, France	Contribution to international research projects of the OECD e.g. International Education Indicators (INES), Programme for International Student Achievement (PISA) and World Education Indicators (WEI)
1996	Research Associate - The Flinders University of South Australia (p/t)	Advice and assistance to postgraduates and staff members concerning the analyses of educational and medical data
1992-1996	Research consultant - Advisory Centre for University Education (ACUE), Adelaide University, South Australia ) (p/t)	Conceptualization, implementation, and reporting of different student outcome evaluation and staff development projects
1991-1993	German teacher - Woodcroft College + Pembroke College, Adelaide, South Australia (p/t)	Teaching Grade 6 to 10 students basic oral and written German skills
1992 -1996	Teacher of Aboriginal students - Wiltja Program, Adelaide, South Australia (p/t)	Students learn skills to gain employment in family or community enterprises
1988-1990	Research assistant - IEA <i>Reading Literacy Study</i> ; Hamburg University, Germany (p/t)	Responsible for conceptualization of indicators, administration, accounting, budgeting, human resources
1988	Research assistant - <i>Second International Science Study</i> of the International Association for the Evaluation of Educational Achievement (IEA); Hamburg University, Germany (p/t)	Data-processing and report production
1986-1988	Assistant - Gerlach and Stenzel Tax Consultants - Hamburg, Germany (p/t)	Data management, accounting, reporting
1985-1986	Au-pair in Paris, France	Development of fluency in French

## Awards and distinctions

<u>Year</u>	<u>Award/Distinction</u>
2006	President's Community Involvement Award in recognition of setting up of the bilingual child care facility IUB Kids – Jacobs University Bremen [International University Bremen until spring 2007]
1997	Bruce H Choppin Memorial Award in recognition of an outstanding thesis involving the secondary analyses of data collected by the International Evaluation of Educational Achievement (IEA).
1994-1995	Flinders University Postgraduate Research Scholarship
1993	Formal recognition of outstanding results in Master of Education degree by the Board of Graduate Studies of the Faculty of Education, Humanities, Law and Technology, The Flinders University of South Australia.

## Languages

<u>Modern</u>	<u>Ancient</u>
English (fluent)	Greek
French (competent)	Latin
German (mother tongue)	

## Teaching experience

### Tertiary

2003-2008	Statistics I, Logic of comparative research, Secondary data analysis, Advanced quantitative methods, Academic writing, Management-Quality-Success, Jacobs University Bremen
1997-2000	Advanced Business Statistics, Research Methods, Faculty of Business and Law, Central Queensland University
1992-1996	Various lectures and workshops as parts of the courses in educational measurement given by Prof. Dr John P. Keeves, School of Education, The Flinders University of South Australia
1995	Foundation Course, The Flinders University of South Australia

### Adult Education

2002	German as a foreign language for adults at the Colon Language School, Hamburg
1996	English as a foreign language for adults at the South Australian College of English

### Secondary

1992-1996	Teaching of Aborigines as part of the Wiltja Secondary Education Program, Adelaide, South Australia
1991-1993	German, Grades 7-10 Pembroke School and Woodcroft College, Adelaide, South Australia

### Research reports

- Lietz, P., Wagemaker, H., Neuschmidt, O., & Hencke, J. (2008). *Issues in the Middle East North Africa Region: Outcomes of the IEA Arab Region Training Seminar Series 2006/2007*. Hamburg: International Association for the Evaluation of Educational Achievement (IEA).

### Books

- Lietz, P., & Kotte, D. (2000). *The importance of economic literacy*. Frankfurt: Peter Lang.
- Lietz, P. (1996). *Changes in reading comprehension across cultures and over time*. Münster/New York: Waxmann.

### Book chapters

- Lietz, P. (2006). Quantitative Auswertung: Multivariate Statistik. In N. Groeben & B. Hurrelmann (Hrsg.) *Empirische Unterrichtsforschung in der Literatur- und Lesedidaktik* (p. 481-512). Weinheim: Juventa.
- Lietz, P., & Kotte, D. (2006). Quantitative Auswertung: Uni- und bivariate Statistik. In N. Groeben & B. Hurrelmann (Hrsg.) *Empirische Unterrichtsforschung in der Literatur- und Lesedidaktik* (p. 443-480). Weinheim: Juventa.
- Schreier, M., & Lietz, P. (2006). Quantitative Datenerhebungsverfahren. In N. Groeben & B. Hurrelmann (Hrsg.) *Empirische Unterrichtsforschung in der Literatur- und Lesedidaktik* (p. 361-397). Weinheim: Juventa.
- Lietz, P., & Kotte, D. (2006). Science and education: Analyses of science-related variables of the PISA-2000 survey (p. 113-128). In B. Dooley (ed.) *Energy and culture*. New York: Springer.
- Lietz, P., & Kotte, D. (2005). Manual and automatic estimates of growth and gain across year levels: How close is close?. In S. Alagumalai, D. Curtis, & N. Hungi (Eds.) *Applied RASCH measurement: A book of exemplars*, Chapter 5 (pp. 79-96). Dordrecht: Springer.
- Lietz, P., & Kotte, D. (2004). Factors influencing reading achievement in Germany and Finland: Evidence from PISA 2000. In S. Alagumalai, M. Thompson, J.A. Gibbons, & A. Dutney (Eds.) *The seeker*. Adelaide, South Australia: Shannon Press.

### Articles in refereed journals

- Lietz, P., & Matthews, B. (to be published in the February 2010 issue of *Research in Higher Education*). How do learning approaches change? Results of a longitudinal study.
- Lietz, P. (accepted for publication in the *International Journal of Market Research*) Current state of the art in questionnaire design – A review of the literature.
- Lietz, P., & Matthews, B., & Darmawan, I.G.N. (2007). Values and learning approaches of students at an international university. *Social Psychology of Education*, 10(2), 247-275.
- Keeves, J.P., Lietz, P., Gregory, K., & Darmawan, I.G.N. (2006). Some problems in the analysis of cross-national survey data. *International Education Journal*, 7(2), 110-126.
- Lietz, P. (2006). Issues in the change in gender differences in reading achievement in cross-national research studies since 1992: A meta-analytic view. *International Education Journal*, 7(2), 127-149.
- Lietz, P. (2006). A meta-analysis of gender differences in reading achievement at the secondary school level. *Studies in Educational Evaluation* (32), 317-344.
- Kotte, D., Lietz, P., & Lopez, M. (2005). Factors influencing reading achievement in Germany and Spain: Evidence from PISA 2000. *International Education Journal*, 5(4), 113-124.
- Lietz, P., Miller, L., & Kotte, D. (2002). On decreasing gender differences and attitudinal changes: Factors influencing Australian and English pupils' choice of a career in science. *Psychology, Evolution and Gender* 4(1), 69-92.

- Lietz, P., & Kotte, D. (1999). Gender differences in economics education - fact or artefact. *Journal of Research and Development in Education* 32(3), 213-223.
- Kotte, D., & Lietz, P. (1998). Welche Faktoren beeinflussen die Leistungen in Wirtschaftskunde? *Zeitschrift für Berufs- und Wirtschaftskunde* 94(3), 421-434.
- Lietz, P. (1997). The sources of the evidence. In Walberg, H.J., Postlethwaite, T.N. and De Corte, E. (Eds.), *International comparisons through simultaneous and conjunct analysis: A search for general relationships across countries*. (Vol. 25). Pergamon Elsevier Science: London. pp. 707-723.
- Lietz, P. (1997). International comparative research in education. In Walberg, H.J., Postlethwaite, T.N. and De Corte, E. (Eds.), *International comparisons through simultaneous and conjunct analysis: A search for general relationships across countries*. (Vol. 25). Pergamon Elsevier Science: London. pp. 701-706.
- Lietz, P. (1997). Gender differences in reading comprehension across countries. In Walberg, H.J., Postlethwaite, T.N. and De Corte, E. (Eds.), *International comparisons through simultaneous and conjunct analysis: A search for general relationships across countries*. (Vol. 25). Pergamon Elsevier Science: London. pp. 769-781.
- Lietz, P. (1997). The move beyond replication: What are its benefits? In Walberg, H.J., Postlethwaite, T.N. and De Corte, E. (Eds.), *International comparisons through simultaneous and conjunct analysis: A search for general relationships across countries*. (Vol. 25). Pergamon Elsevier Science: London. pp. 783-792.
- Lietz, P. (1997). In search of general causal models of reading comprehension across countries using conjunct analysis. In Walberg, H.J., Postlethwaite, T.N. and De Corte, E. (Eds.), *International comparisons through simultaneous and conjunct analysis: A search for general relationships across countries*. (Vol. 25). Pergamon Elsevier Science: London. pp. 745-768.
- Lietz, P., & Keeves, J.P. (1997). Cross-sectional research methods. In J.P. Keeves (ed.) *Educational Research, Methodology, and Measurement* (2nd ed.; pp. 119-125). Oxford: Elsevier Science.
- Lietz, P., & Roche, L. (1997). In search of general structural models for reading comprehension across countries using simultaneous analysis. In Walberg, H.J., Postlethwaite, T.N. and DeCorte, E. (Eds.), *International comparisons through simultaneous and conjunct analysis: A search for general relationships across countries*. (Vol. 25). Pergamon Elsevier Science: London. pp. 725-743.
- Lietz, P. (1996) Learning and writing difficulties at the tertiary level: Their impact on first year results. *Studies in Educational Evaluation*, 22(1), 41-57.

### **Professional journal**

- Dabringhausen, D. & Lietz, P. (2001). Motivation in Großbritannien und Deutschland im Vergleich. *Personalführung*, 4/2001, pp. 36-41.