

# The Ties that Bind

	1901	Georg Rasch's birth
	1926	Benjamin Wright's birth
Thurstone and Chave <i>Measurement of Attitude</i>	1929	
Rasch and Ragnard Frisch, Oslo	1931	L. L. Thurstone appointed Chief Examiner, U of C
Rasch and R. A. Fisher, London	1934	
	1938	Ralph Tyler appointed Chief Examiner, U of C
	1946	Rasch analyzes IQ tests
Rasch and L.J. Savage, Chicago	1947	Cowles Commission
	1948	Wright and Thurstone, U of C
	1949	Wright and Tyler, U of C
	1950	Wright and Bettelheim, U of C
	1952	Rasch analyzes reading tests
	1954	Benjamin Bloom appointed Chief Examiner, U of C
Rasch and Lee Cronbach	1955	Cronbach interviews Rasch for ONR in Copenhagen
	1957	Wright (57) joins faculty at U of C
	1959	Rasch and Frisch
Rasch - <i>Probabilistic Models</i> published	1960	Rasch and Wright, U of C (March/June)
Rasch - Berkeley Symposium (June)		
	1961	MESA Special Field created at U of C
	1963	Bruce Chopin (67) arrives at U of C
Bloomers ISU - start of three Rasch dissertations	1964	First computer calibration programs Wright's first visit to Denmark Wright's first Rasch classes at U of C
Jane Loevinger MPA discussant	1965	Midwest Psych. Assoc. mtg. Nargis Panchapakesan (69) arrives at U of C UCON algorithm developed Wright and Chopin visit Rasch
	1966	Bloom and Rasch
Ledyard Tucker, Lou Bashaw	1967	Psychometric Society meeting ETS Invitational Conference (Bloom organizes program) Choppin's rating scale program
Gerhard Fischer and Rasch		
Wright - <i>Sample-free Test Calibration</i> ....	1968	Rasch teaches at U of C Rasch presents at Berkeley Symposium
Choppin's item banking paper in <i>Nature</i>		
Dick Woodcock - <i>Key Math</i> scoring sheet	1969	First AERA Pre-session Rasch gives last lecture at pre-session (Attendees include: Angoff, Bashaw, Hambleton, Lenke, Rentz, and Woodcock) First MESA Ph.D at U of C
Wright and Panchapakesan <i>E&amp;PM</i> article		
Ron Hambleton - Rasch dissertation U of. Toronto		
	1971	Ron Mead (76) arrives at U of C David Andrich (73) arrives at U of C Penny Edgert (75) arrives at U of C Joseph Ryan (77, Bloom) arrives at U of C
	1972	Rasch's retirement lecture Wright visits NFER and Chopin Graham Douglas (74) arrives at U of C Christmas flight to London CALFIT Program (Edgert)
	1973	Gerhard Fischer, LLTM Rasch visits Chicago and Georgia (Rentz) AERA Training Session New Orleans (CALFIT used) Michael Waller (73) removing effects of rand. guessing
Otis Dudley Duncan - loglinear publications	1974	Rasch visits UWA in Perth for 6 months Portland Public Schools item banks

Rentz - <i>National Reference Scale for Reading</i>	1975	
Jim Lunsden - Test Theory in the <i>Annual Review of Psychology</i>	1976	First BICAL Program (Mead)
Wright - <i>JEM</i> Special Issue	1977	Andrich and Douglas suggest U of C to Masters AERA Training Session N.Y.
Woodcock-Johnson psycho-educational battery		Andrich spends 6 months in Denmark and 6 months in Chicago
Earling Andersen- <i>Psychometrika</i> – sufficiency proof for polytomous model		
Andrich - Resolution of Rasch model coefficients		
Ross Lambert - VA Blind Center	1978	Toronto AERA Pre-session (Wright, Choppin, Andrich, Mead, Ryan, and Draba)
Andrich - <i>Psychometrika</i> - current form of RS and PC models based on Andersen’s coefficients		Robert Draba (78) item bias
Wright and Stone - <i>Best Test Design</i> published	1979	Partial Credit model
Andrich - <i>Biometrics</i> - interprets thresholds		Andrich interviews Rasch in Denmark
Rasch - <i>Probabilistic Models</i> reprinted	1980	Georg Rasch dies Geoff Masters (80) rating scales
Louis Guttman in Chicago	1981	First IOMW at Univ. of Chicago
Wright and Masters - <i>Rating Scale Analysis</i> published		1982 Richard Smith (82) fit statistics
Jim Lumsden		IOMW 2 in Perth
Otis Dudley Duncan Rasch publications	1983	Larry Ludlow (83) residual analysis
Wright and Bell <i>JEM</i> item banking article	1984	Mark Wilson (84) hierarchical development
Grosse and Wright standard setting work		
Jack Stenner – development of Lexiles begins		MicroScale computer program with missing data feature
Schulz, Lambert, Becker functional assessment publication	1985	IOMW3 in Chicago George Engelhard (85) Jennifer Bosma (85) CAT in elementary schools
Ross Lambert, Richard Harvey - PECS	1986	IOMW4 in Chicago
	1987	Matthew Schulz (87) functional assessment in rehabilitation MSCALE program developed FACETS program developed Rasch Measurement SIG formed Richard Smith first <i>RMT</i> editor
<i>Rasch Measurement Transactions</i> Vol. 1, No. 1		
Andrich - <i>Rasch Models for Measurement</i>	1988	First SIG Sessions at AERA William Fisher (88) Truth, method, and measurement
Wright and Linacre - <i>APM&amp;R</i> article	1989	IOMW 5 at Berkeley Mike Linacre (89) FACETS model Ray Adams (89) measurement error Carol Myford (89) judge agreement
Rasch analysis of <i>PECS</i>	1990	Nikolaus Bezruczko (90) aesthetic judgment BIGSACLE program developed
Carl Granger begins Rasch analysis of <i>FIM</i>	1991	IOMW 6 in Chicago Mike Linacre becomes second <i>RMT</i> editor BIGSTEPS program available
<i>OM:TIP</i> Vol.1 published	1992	
Rasch analysis of <i>FIM</i> published	1993	IOMW 7 at Atlanta Quest program available
<i>OM:TIP</i> Vol.2 published	1994	
	1995	IOMW 8 at UC Berkeley
<i>OM:TIP</i> Vol.3 published	1996	First IOMC in Chicago
Wright and Stone - <i>Measurement Essentials</i>		
McNamara - <i>Measuring Second Language Performance</i>		
<i>JOM</i> V1, N1 published	1997	IOMW 9 in Chicago
Lexiles commercially available (MetaMetrics)		Greg Stone (97) Rasch standard setting
<i>OM:TIP</i> Vol.4 published		First demonstration of RUMM program

		ConQuest program available
	1998	Second IOMC in Chicago
		Winsteps program available
		First Rasch Probabilistic Models Conference - Perth
	1999	First Smith and Smith training session
JAM V1, N1 published	2000	JAM indexed in Pub Med & <i>Index Medicus</i>
OM:TIP Vol. 5 published		IOMW 10 at LSU Medical Center
Bond and Fox - <i>Applying the Rasch Model</i>	2001	Rasch's 100 <sup>th</sup> Birthday party - Copenhagen
Andersen – <i>Residual diagrams based on a remarkably simple result concerning the variance of maximum likelihood estimates</i> JEBS	2002	IOMW 11 at LSU Medical Center
	2003	Ben Wright Festschrift at RIC, Chicago
<i>Introduction to Rasch Measurement</i> published	2004	IOMW 12 at James Cook University, Cairns
<i>Quantiles</i> commercially available (MetaMetrics)		Second Rasch Probabilistic Models Conference - Perth
Wright and Stone - <i>Making Measures</i> published		
<i>Rasch Measurement in Health Sciences</i> published	2005	First PROMS meeting - Kuala Lumpur (yearly)
Wilson - <i>Constructing Measures</i> published		
<i>Applications of Rasch Measurement in Science Education</i> published	2006	IOMW 13 at UC Berkeley - 25 years of IOMW
<i>Lexile Framework for Writing</i> commercially available (MetaMetrics)		
<i>Rasch Measurement: Advanced and Specialized Applications</i> published	2007	
Humphry - <i>The implied unit in the Rasch Model</i>	2008	IOMW 14 at NYU
		2PL special case of Rasch model
		Third Rasch Probabilistic Models Conference - Perth
<i>Criterion Referenced Testing</i> published	2009	Improving Efficiency in Health Outcome Outcomes Conference - Chicago
		40 years of Rasch training sessions
<i>Advances in Rasch Measurement, Vol. 1</i> published	2010	50 <sup>th</sup> Anniversary of Rasch's book - Copenhagen
		IOMW 15 at Univ. of Colorado
<i>Advances in Rasch Measurement, Vol. 2</i> published	2011	17 <sup>th</sup> Smith and Smith training session
Andrich, Marais and Humphry – <i>Random Guessing In Multiple Choice items</i> JEBS	2012	<i>IOMW 16 in Vancouver, Canada</i>
		Fourth Rasch Probabilistic Models Conference - Perth
		25 years of Rasch SIG sessions
		25 years of RMT
		Eighth PROMS meeting – Jia Xing
		Kenneth Royal becomes third <i>RMT</i> editor
Engelhard - <i>Invariant Measurement</i> published	2013	
M.M.C. Mok - JAM Books of Abstracts V 2 published in traditional and modern Chinese	2014	IOMW 17 in Philadelphia
M.M.C. Mok - JAM Books of Abstracts V1 published in traditional and modern Chinese	2015	IOMC2015 in Chicago (Coffee with Ben, April)
		Ben Wright dies (October)
Wu, Tam, Jen – <i>Educational Measurement for Applied Researchers</i> published	2016	IOMW 18 in Washington, DC
M.M.C. Mok - <i>Introduction to Rasch Measurement</i> published in traditional and modern Chinese	2017	IOMC 2017 in Chicago at Shirley Ryan AbilityLab
Engelhard and Wind – <i>Invariant Measurement With Raters and Rating Scales</i> published	2018	Fifth Rasch Probabilistic Models Conference – Perth
		IOMW 19 in New York
		Wind and Harrel become fourth <i>RMT</i> co-editors
	2019	IOMC 2019 as part of ACRM in Chicago