LIST OF ALUMNI AND DISSERTATIONS

Fordham psychometrics and quantitative psychology specialization began in 1957. Dissertations that were prior to this year were Joseph Kubis, students of Joseph Kubis, or students of Anne Anastasi.

Kubis, J. (1937). Phenomenology of error.

Ackermann, D. (1940). Critical evaluation of the Viennese Tests as applied to 200 New York infants six to twelve months.

Ricciuti, M. (1949). Children and radio: A study of radio programs with ability, attitude and behavior.

Avakian, S. (1951). Investigation of trait relationships among six year old children.

Douglas, A. (1951). Perceptual responses.

Gilhooly, F. (1952). Validity and reliability of the Rorschach.

Sademon, H. (1952). Validity of the Rorschach.

Catalano, F. (1955). Comparative function of performance of a group of cerebral palsied children in different intellectual functions.

Lussier, L. (1955). An investigation of a test battery for the identification of homosexuals.

Ryan, D. (1955). Reliability of graphic indices in the Draw A Person test.

Filella, J. (1957). Educational and sex differences in the organization of abilities in technical and academic students in Colombia, South America.

McHugh, A. (1957). Investigation of the reliability and concurrent validity of two levels of the California Test of Mental Activity.

Baker, D. (1961). A factor analytic study of perceptual and personality rigidity tests.

Lucas, A. (1961). Relationship between attitude of student nurses toward childbearing and certain selected individual and background characteristics.

Poland, H. (1961). Relationship between self concept and supervisory and peer ratings of success in nurses' training.

Purcell, A. (1961). Expressed self-concept and adjustment in sexually delinquent and non-delinquent adolescent girls.

Sutter, C. (1961). A comparative study of the interest and personality patterns of major seminarians.

Canty, E. (1962). The objective and evaluative indices affecting the rating of performance on the logical analysis device.

Lombardi, D. (1962). Factors affecting changes in attitudes toward negroes among high school students.

Murphy, V. (1962). The relationship between self-concept and manifest anxiety in college freshmen.

Meade, M. (1963). Autobiographical inventory as a predictor of an essentially non-intellectual criterion of college success.

Zacharewicz, F. (1963). Relations between teaching attitudes of prospective teachers and their self descriptions.

Hogan, T. (1970). Socioeconomic community variables as predictors of cognitive test performance in school children.

Hsu, C. (1971). The effect of puromycin on retention in goldfish state dependence versus consolidation interference hypothesis.

Urbina, S. (1972). Cultural and sex differences in affiliation and achievement drives as expressed in reported dream content and a projective technique.

Kappy, K. (1980). Differential effects of decreased testing time on the verbal and quantitative aptitude scores of males and females.

Breyer, F. J. (1981). Ethnic group differences in selected aspects of test-taking behavior on a standardized admissions test.

Thomas, M. (1981). The effects of teacher sex and student sex on student ratings of college instructors: A factor analytic investigation.

Locke, G. (1983). The relationship of item bias in standardized tests to instructional deficit in education among white and black students.

Schratz, M. (1983). An empirical study of the consistency of Thurstone and Rasch model approaches to the vertical equating of a multi-level multi-form achievement test series.

Margolies, R. (1984). Family concept factors mediating dysfunction in families with an encopretic child.

Reilly, S. (1985). Metaphor and the enhancement of memory for prose.

Kirnas, J. (1986). Relationship of recruiting source to applicant quality and subsequent new-hire success controlling for ethnicity, sex and age of the applicant.

Cariffe. G. (1987). A Monte Carlo study of the robustness of canonical correlation under varying sample data conditions.

Wiger, D. (1988). Yerkes-Dodson effect in social facilitation tasks.

Cook, L. (1990). The predictive validity of traditional and nontraditional admissions measures for college performance in students grouped by sex, race, age and academic risk.

Hershberger, S. (1990). The mediation of development in maternally and paternally related half-siblings by passive, evocative and active genotype-environment effect.

DeVictoria, C. (1991). A Monte Carlo study of the parameters of the logit model under small sample sizes and varying adjustment techniques.

Schultz, M. (1991). A comparison of some recently proposed procedures for detecting the presence of biased test items.

Sireci, S. (1993). Evaluating test content using cluster analysis and multidimensional scaling.

Patelis, T. (1994). Effects of sample size, model misspecification and the number of indicators on fit indices for covariance structure modeling: A Monte Carlo study.

Sadh, D. (1994). Performance of some estimators in covariance structure models with nonnormal data.

Rubenstein, P. (1995). The early retirement decision as a behavioral manifestation of organizational withdrawal.

Sweeney, K. (1996). A Monte Carlo investigation of the likelihood ratio procedure in the detection of differential item functioning.

West, J. (1998). Do performance standards reflect conceptions of competence? The relationship between implicit theories of competence and standard-setting judgments.

Flom, P. L. (1999). Multicollinearity diagnostics for multiple regression: A Monte Carlo study. [Dissertation mentor: John Walsh]

Wiley, A. (1999). An investigation into two models for equating examinations with multiple item formats. [Dissertation mentors: Charles Lewis and John Walsh]

Williamson, D. M. (2000). Utility of model criticism indices for Bayesian inference networks in cognitive assessment. [Dissertation mentors: Robert Mislevy and John Walsh]

George. C. E. (2001). The Naglieri Nonverbal Ability Test: Assessment of cross-cultural validity, reliability, and differential item functioning. [Dissertation mentor: John Walsh]

Boyd, J. K. (2002). A comparison of Cronbach's coefficient alpha and latent variable model estimates of composite reliability for congeneric measures. [Dissertation mentor: Tenko Raykov]

Reuben, T. C. (2003). Investigating test fairness of GRE scores for veterinary student selection. [Dissertation mentor: Charles Lewis]

Thombs, B. D. (2004). Measurement invariance of the Childhood Trauma Questionnaire across gender and race/ethnicity. [Dissertation mentors: David Bernstein and Charles Lewis]

Milewski, G. B. (2004). Using Bayesian methods to evaluate Thurstone's simple structure concept. [Dissertation mentor: Charles Lewis]

Michel, R. S. (2006). The development of cognitive model to provide psychometrically sound and useful diagnostic information for a quantitative measure. [Dissertation mentor: Charles Lewis]

Salcedo, J. (2006). **Using implicit and explicit theories of creativity to develop a personality measure for assessing creativity.** [Dissertation mentor: Charles Lewis]

Dixon-Roman, E. J. (2007). The mystery of inequity: Modeling the influences of intergenerational access on intellective competence. [Dissertation mentor: Charles Lewis]

Ewing, M. (2007). Using multi-level modeling to predict performance on advanced placement examinations. [Dissertation mentors: Charles Lewis and Ming-Mei Wang]

Ling, G. (2007). Validity and fairness of college admissions: Model choices and interaction with college characteristics. [Dissertation mentor: Charles Lewis]

Nofer, D. C. (2007). Conditional item dependence for testlet items. [Dissertation mentor: Charles Lewis]

Augemberg, K. (2008). Values and politics: Value priorities as predictors of psychological and instrumental political engagement. [Dissertation mentors: Charles Lewis and Ming-Mei Wang]

Mehta, R. (2008). Examination of interaction effects within a meta-analysis: An example of the balanced placebo design. [Dissertation mentor: Dean McKay]

Mekhael, M. (2008). The impact of the errors of equating and errors of measurement on the reported scores. [Dissertation mentors: Charles Lewis and Ming-Mei Wang]

Fletcher, J. (2009). Detecting differential item functioning (DIF) in the Diabetes Risk Perception Survey (RPS-DM). [Dissertation mentor: Charles Lewis]

Benners, G. A. (2010). Exploring the influences of individual differences and school context on learning mathematics in high school: A multilevel latent growth analysis of mathematical reasoning skills. [Dissertation mentor: Howard Everson]

DiPopolo, J. (2010). Evaluating body modifications as a social stigma: Using latent class analysis to determine dimensions of stigmatization. [Dissertation mentor: Tiffany Yip]

Khan, A. (2010). Use of nonparametric item response theory to develop a shortened version of the Positive and Negative Syndrome Scale (PANSS) for patients with schizophrenia. [Dissertation mentors: Charles Lewis and Jean Pierre Lindenmayer]

Trierweiler, T. (2010). An evaluation of estimation methods in confirmatory factor analytic models with ordered categorical data in LISREL. [Dissertation mentors: Charles Lewis and Keith Markus]

Xiong, X. (2010). An optimization technique for item pool evaluation with guidance for modification of item pools and test specifications. [Dissertation mentor: Charles Lewis]

Yan, D. (2010). Investigation of optimal design and scoring for adaptive multi-stage testing: A tree-based regression approach. [Dissertation mentor: Charles Lewis]

Chajewski, M. (2011). MLE vs. Bayesian item exposure in non-cognitive type adaptive assessments with restricted item pools: Trait estimation, item selection and reliability. [Dissertation mentor: Charles Lewis]

Casabianca, J. M. (2011). Loglinear smoothing for the latent trait distribution: A two-tiered evaluation. [Dissertation mentor: Charles Lewis]

Louka, A. (2011). The role of perceived relatedness in intrinsic need satisfaction: A gender differences study in the workplace. [Dissertation mentor: Charles Lewis]

Siegel, C. (2011). The psychometric validation of a subjective Memory Complaints Inventory for the epilepsy population. [Dissertation mentors: Charles Lewis and William Barr]

Zhou, Y. (2011). Comparing parametric item response theory and nonparametric item response theory: Application in psychological research using polytomous items. [Dissertation mentor: Charles Lewis]

Allen, V. (2012). Multidimensional scaling of noncognitive assessments: Application to the Situational Test of Emotional Understanding. [Dissertation mentors: Charles Lewis and Richard Roberts]

Osenbach, J. (2012). Identifying longitudinal trajectories of injured trauma survivors with posttraumatic stress disorder. [Dissertation mentor: Charles Lewis]

Cubbellotti, S. (2013). Exploring the application of nonparametric item response theory techniques to alternate assessments. [Dissertation mentors: Charles Lewis and Jill van den Heuvel]

Korenovska, L. (2013). An exploration of test taker, rater, and item facets of the writing section of TOEFL using many-facet Rasch measurement. [Dissertation mentor: Charles Lewis]

Park, M-K. (2013). Explicit instruction and priming of achievement goals: Effect on risk-taking behavior. [Dissertation mentors: Charles Lewis and Akane Zusho]

Rahman, N. (2013). Samejima items in multiple-choice tests: Identification and implications. [Dissertation mentors: Charles Lewis and Peter Pashley]

Sakworawich, A. (2013). Developing models and applying Bayesian decision theory for standard setting in college placement. [Dissertation mentor: Charles Lewis]

Trapani, C. S. (2013). Multilevel modeling of cognitive ability in highly functioning adults. [Dissertation mentors: Charles Lewis and Brent Bridgeman]

Williams, F. E., III. (2013). Assessing items and rater agreement through prevalence and bias for dichotomous and polytomous data. [Dissertation mentor: Charles Lewis]

Bo. Y. (2014). An option-based partial credit item response model. [Dissertation mentors: David Budescu and Charles Lewis]

Lord-Bessen, J. (2014). Extraction of latent class progressions in a longitudinal study with applications in educational and behavioral science data. [Dissertation mentor: Ying Liu]

Marcus, J. C. (2014). Visual communication of uncertainty in continuous distributions. [Dissertation mentor: David Budescu]

Por, H-H. (2014). Improving the assessment of subjective probabilities of joint and conditional events. [Dissertation mentor: David Budescu]

Benjamin, D. (2015). The coupled impact of conflict and imprecision from multiple forecasts. [Dissertation mentor: David Budescu]

Grochowalski, J. H. (2015). Estimation and psychometric analysis of component profile scores via multivariate generalizability theory. [Dissertation mentor: Se-Kang Kim]

Arieli-Attali, M. (2016). Self adapted testing as formative assessment: Effects of feedback and scoring on engagement and performance. [Dissertation mentor: David Budescu]

Lehrfeld, J. M. (2016). Performance of propensity score weighting in structural equation modeling. [Dissertation mentor: Heining Cham]

McNamara, A. L. (2016). Profile analysis via principal component analysis for longitudinal and cross-sectional profiles in the Early Childhood Longitudinal Study (ECLS-K). [Dissertation mentor: Se-Kang Kim]

Reshetnyak, E. (2017). Systematic evaluation and comparison of entropy balancing and covariate balancing propensity score methods. [Dissertation mentor: Heining Cham]

Duffy, L. (2018). Objective functions for item exposure control in computerized adaptive testing. [Dissertation mentor: David Budescu]

Fan, Y. (2019). Estimating subjective probabilities of bounded continuous distributions using the ratio judgment and scaling (RJS) method. [Dissertation mentor: David Budescu]

Hurley, L. (2019). Adaptation of statistical learning theory as an information theoretic, finite sample, solution to propensity score analysis. [Dissertation mentors: Heining Cham and Ann Higgins-D'Alessandro]

Aytürk Ergin, E. (2020). Fitting propensities of item response theory models. [Dissertation mentor: Leah Feuerstahler]

Ho, E. (2020). Developing and validating a method of coherence-based judgment aggregation. [Dissertation mentor: David Budescu]

Smith, M. (2020). The application multiple correspondence analysis with k-means to affiliation networks. [Dissertation mentor: Se-Kang Kim]

Zhang, Y. (2021). The effect of task-relevant diversity on small group performance. [Dissertation mentor: David Budescu]

Lipton, A. K. (2022). Analysis of functional magnetic resonance imaging data: A comparison of extended unified structural equation modeling (EUSEM) and generalized structured components analysis (GSCA). [Dissertation mentors: Heining Cham and Se-Kang Kim]

Ahn, J. (2023). Pre-assembly methods for cognitive diagnostic multistage adaptive testing. [Dissertation mentor: Leah Feuerstahler]

Feng, Y. (2023). An investigation of Bayesian approximate measurement invariance with longitudinal data. [Dissertation mentors: Heining Cham and Tiffany Yip]

Han, Y. (2023). Dominance analysis with model uncertainty. [Dissertation mentor: David Budescu]

Teng, Y. (2023). Comparing propensity score weighting schemes with CBPS and XGBOOST in causal effect estimation. [Dissertation mentor: Heining Cham]

Himmelstein, M. (2023). Measuring persuastion without measuring a prior belief: A new application of planned missing data techniques. [Dissertation mentor: David Budescu]

Song, V. (2024). Probabilistic selection methods in high-stakes selection. [Dissertation mentor: David Budescu]

Cao, Z. (2024). Effect size measures in mediation analysis with binary variables. [Dissertation mentor: Heining Cham]