

# *CURRICULUM VITAE*

***Michael Nanna***

[mjnanna@gmail.com](mailto:mjnanna@gmail.com)

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## **EDUCATION**

Arizona State University 2001 to 2004  
Post-Doctoral Fellowship, Critical Policy Studies  
*Published Manuscript: The Testing Culture and the Persistence of High-Stakes Testing Reforms.*

Wayne State University 1997  
Ph.D., Measurement & Statistics  
*Dissertation: Robustness and Comparative Power Properties of Hotelling's  $T^2$  versus the Rank Transformation Test Using Real Pre-Test/Post-Test Likert Scale Data.*

Wayne State University 1994  
M.Ed. Measurement & Statistics  
*Thesis: Comparative Power Properties of the t-test versus the Wilcoxon Rank-Sum Test.*

Wayne State University 1991  
B.A. Psychology, *Cum Laude*  
*Distinction in Psychology Award.*

## **PROFESSIONAL/ADMINISTRATIVE EXPERIENCE**

**Orange Room Media & Research Strategy, Detroit/Tucson, AZ 2017 to Present**  
*Consultant*

Orange Room Media & Research Advisory Group provides strategic research and data analytic consulting services across industries, bringing a strong mix of analytical and creative approaches to solve challenging organizational hurdles and to identify critical market attributes by leveraging both quantitative and qualitative research paradigms to facilitate sound strategic decisions. Recent clients include:

- *Cisco, Inc/Ettain Group/Experis, San Jose, CA (2022)*  
Provided summary research on nascent and emerging technologies; provided research and consultation regarding Cisco's total Digital Experience (DX) strategic plan, including User Experience (UX) and Customer Experience (CX) research across platforms.

- *Google/Creative Circle, Detroit, MI (2021 to 2022)*  
*Ad hoc* data analysis and project work; developed/managed dashboards; provided analytical deep dives to inform strategic market and advertising expenditures.
- *Archdiocese of Detroit, Detroit, MI (2020 to 2022)*  
Assisted the Archdiocese in developing parish-based strategic plans in alignment with the Archdiocesan Unleash the Gospel initiative; provided informational support to parishes.
- *Rediminds, Inc., Southfield, MI (2020)*  
Facilitated manuscript preparation for study regarding use of AI and Neural Network Models for assessing performance of deceased donor liver transplant allocation models vs. traditional allocation models.

**Wayne State University, Detroit, MI**

**2007 to 2019**

- *Adjunct Professor, College of Education* (2009 to 2019)  
Subjects: research methods, statistics, program evaluation, psychometric measurement.
- *Adjunct Professor, School of Social Work (2009 to 2014)*  
Subjects: research methods, evaluation, and statistics.
- *Associate Director of Data Management, Graduate School* (2016 – 2017)  
Database management, data collection, data analysis, generating reports.
- *Data Analyst, Honors College* (2008 to 2009)  
Project focused database management, survey development, and statistical analysis.
- *Graduate Teaching Assistant, Department of Behavioral Foundations  
College of Education* (1994 -1995)
- *Peer Counselor, Counseling Services* (1988-1990)  
Provided tutoring and counseling services to academically at-risk minority students.

**Consultant/Digital Analytics, MRM//McCann, Birmingham, MI.**

**2013 to 2014**

Directed website testing and optimization projects across digital platforms and client brands; oversight of testing and targeting activities of digital optimization projects.

**Consultant/Research Analyst, Ducker Worldwide, NA, Troy, MI**

**2013**

Voice of Customer (VOC) research; survey development

**College for Creative Studies, Detroit, MI**

**2006 to 2008**

- *Acting/Interim Assistant Dean* (2007 to 2008)
- *Director, Systems Planning & Institutional Research* (2006 to 2008)  
Initiated and coordinated campus-wide assessments; directed and managed system process change; institutional data collection, reporting, and analysis.

**Arizona State University, Tempe, AZ**

**2001 to 2006**

- *Policy Analyst* (2005 to 2006)  
Provided data analysis support to ASU's executive management team; advised university leadership on policy issues affecting higher education; provided support services to the Arizona Board of Regents.
- *Associate Faculty, Educational Policy Studies* (2003 to 2005)  
Subjects: culture & schooling; critical theory; co-taught graduate seminar on critical policy issues in higher education.
- *Graduate Research Assistant* (20001 to 2003)  
Project: examining the relationship between political ideology, poverty, equal educational opportunity, and educational policy (with Michelle Moses).

**Institute for Professional Development, Phoenix, AZ**

**1998 – 2001**

*Director of Research*

Facilitated collaborative research initiatives with multiple private colleges and universities across the U.S.; coordinated large-scale research and program feasibility studies.

**Rehabilitation Institute of Michigan, Detroit, MI**

**1991-1998**

- *Clinical Research Manager* (1994 to 1998)  
Coordinated clinical research studies involving spinal cord and traumatic brain injury patients; assisted in writing grants; research protocol development and methodology consultation; statistical analysis.
- *Senior Research Assistant* (1992 to 1994)  
Provided research support to clinical departments across the institute; student and patient testing; data collection; and medical student research training.
- *Research Assistant I* (1991-1992)

## **PUBLICATIONS – CHRONOLOGICAL ORDER**

**Nanna, M.J.** “Evaluating Communicative Pathways and Structures” [Chapter included in “Laws of Communication: The Intersection Where Leadership Meets Employee Performance.” Edited by Schuttler, R. & Burdick, J. (2009). Wiley & Sons.

Moses, M.S. & **Nanna, M.J.** (2007). The Testing Culture and the Persistence of High-Stakes Testing Reforms. *Education & Culture*, 23 (1) pp. 55 – 72.

**Nanna, M.J.** (2002). Hotelling’s  $T^2$  vs. the Rank Transformation with Real Likert Scale Data. *Journal of Modern Applied Statistical Methods*, 1, pp. 83-99.

**Nanna, M.J.** (2001). The Rising Tide of Outcomes Assessment in Higher Education. *Journal of Continuing Higher Education*, 49 (1), pp. 19-28.

**Nanna, M.J.** & Sawilowsky, S. (1998). Analysis of Likert Scale Data in Disability and Medical Rehabilitation Research. *Psychological Methods*, 3 (1), pp. 55-67.

**Nanna, M.J.**, Hinderer, S., Rosenthal, M., & Gans, B. (1997). Clinical Rehabilitation Research Units: Myth or Reality? *American Journal of Physical Medicine & Rehabilitation*, 76, pp. 520-522.

**Nanna, M.J.**, Lichtenberg, P.A., & Buda-Abela, M. (1997). The Role of Cognition and Depression in Predicting Functional Outcome in Geriatric Medical Rehabilitation Patients. *Journal of Applied Gerontology*, 16 (1), pp. 120-132.

Hinderer, S., **Nanna, M.J.**, & Dijkers, M. (1996). The Reliability and Correlation of Clinical and Research Measures. *Journal of Spinal Cord Medicine*, 19 (2), pp. 138.

Lichtenberg, P.A. & **Nanna, M.J.** (1994). The Role of Cognition in Predicting Activities of Daily Living and Ambulation Functioning. *Rehabilitation Psychology*, 39 (5), pp. 251-262.

Lichtenberg, P.A., Millis, S.R., & **Nanna, M.J.** (1994). Use of the Visual Form Discrimination Test with Geriatric Urban Medical Inpatients. *The Clinical Neuropsychologist*, 8 (4), pp. 462-465.

Lichtenberg, P.A., Christensen, B., Metler, L., **Nanna, M.J.**, Jones, G., Reyes, J., & Blumenthal, F. (1994). The Role of Cognition and Depression in Functional Recovery of Rehabilitation Patients. *Advances in Medical Psychotherapy*, 7, pp. 109-124.

Lichtenberg, P.A. & **Nanna, M.J.** (1993). Does Depression Predict Cognition in Geriatric Inpatients? *The Gerontologist*, 33, pp. 45.

Lichtenberg, P.A., Gibbons, T.A., **Nanna, M.J.**, & Blumenthal, F. (1993). Physician Detection of Depression in Medically Ill Elderly. *Clinical Gerontologist*, 13 (1) pp. 81-90.

Lichtenberg, P.A., Gibbons, T.A., **Nanna, M.J.**, & Blumenthal, F. (1993). The Effects of Age and Gender on the Prevalence and Detection of Alcohol Abuse in Elderly Medical Inpatients. *Clinical Gerontologist*, 13 (3), pp. 17-27.

Lichtenberg, P.A., **Nanna, M.J.**, & Blumenthal, F. (1992). Hidden Problems in Geriatric Rehabilitation. *Rehabilitation Psychology*, 37 (3), pp. 219.

### **CONFERENCE PRESENTATIONS – CHRONOLOGICAL ORDER**

Moses, M. & **Nanna, M.J.** (November 2-6, 2004). The Persistence of High-Stakes Testing Reforms and the Erosion of Educational Opportunities. *American Educational Studies Association*. Kansas City, MO.

**Nanna, M.J.** (February 20-22, 2004). Hidden Curriculum and Doctoral Education: A Comparison of Traditional and Non-Traditional University Doctoral Programs. *Trends in Higher Education*. Phoenix, AZ.

**Nanna, M.J.** (January 9-11, 2003). Predictive Validity of the GMAT in Adult Populations: Implications for Graduate Admissions. *Relevance of Assessment and Culture in Evaluation Conference*. Tempe, AZ.

Anijar, K. & **Nanna, M.J.** (March 6-9, 2002). The Increasing Commodification of Education. *Comparative and International Education Society*. Orlando, FL.

**Nanna, M.** (January 14, 2002). Assessing and Evaluating Teaching Effectiveness. *Conference on Teaching and Learning*. Tempe, AZ.

**Nanna, M.J.** (June 24-25, 1999). Educational Outcomes Assessment Development. *Consortium for the Advancement of Higher Education*. St. Louis, MO.

**Nanna, M.J.** (June 24-27, 1998). Predictive Validity of Standardized Tests. *Consortium for the Advancement of Higher Education*. Milwaukee, WI.

**Nanna, M.J.** & Sawilowsky, S. (August 9-12, 1996). Analysis of Likert Scale Data in Research and Evaluation. *American Psychological Association*. Toronto, Canada.

Thomas, W., Dijkers, M., Lichtenberg, P., & **Nanna, M.J.** (February 14-17, 1996). The Relationship Between Depression and Cognition. *International Neuropsychological Society*. Chicago, IL.

Gans, B., Dijkers, M., **Nanna, M.J.**, & Hinderer, S. (June 1995). Clinical Rehabilitation Research Units: Development, Operation, and Future. *American Congress of Rehabilitation Medicine Annual Meeting*. Washington, D.C.

Hinderer, S., **Nanna, M.**, & Dijkers, M. (May 1995). The Reliability and Correlation of Clinical Research Measures. *Del Harder Research Conference*. Detroit, MI.

**Nanna, M.J.** & Lichtenberg, P. (August 1994). The Role of Cognition and Depression in Rehabilitation. *American Psychological Association*. Los Angeles, CA.

Maiers, B. & **Nanna, M.J.** (February 2-6, 1994). Physical Therapy Involvement on a Clinical Research Unit. *American Physical Therapy Association*. New Orleans, LA.

Lichtenberg, P. & **Nanna, M.J.** (November 1993). Does Depression Predict Cognition? *Annual Meeting of the Gerontological Society*. New Orleans, LA.

**Nanna, M.J.** & Lichtenberg, P. (August 1992). Hidden Problems: Depression and Alcohol Abuse in Rehabilitation Patients. *American Psychological Association*. Washington, D.C.

Lichtenberg, P.A., Gibbons, T.A., **Nanna, M.J.**, & Blumenthal, F. (November 1992). The Effects of Gender on Alcohol Abuse in Rehabilitation Patients. *Annual Meeting of the Gerontological Society*. Washington, D.C.

### **ADDITIONAL TEACHING EXPERIENCE**

*Associate Faculty*, School of Advanced Studies, University of Phoenix 2001 to 2010  
Subjects: Educational foundations; educational philosophy; research methods; statistics

### **SELECTED ADMINISTRATIVE PROJECTS**

Five-year Strategic Plan, Research Outlook Overview, and a comprehensive Corporate Research Infrastructure Plan. *Institute for Professional Development*.

Market Research Development Plan; Enrollment Tracking System and Student Demographic Database. *Institute for Professional Development*.

Test development: "The Graduate Business Achievement Test (GBAT) and Plans for Expanded Assessment Efforts." *Institute for Professional Development and the Consortium for the Advancement of Adult Higher Education*.

Application Package for Sponsored Research: Application Procedures and Funding Guidelines. *Institute for Professional Development*

Tracking institutional policy and procedural changes stemming from an in-depth institutional legal investigation after a student-athlete involved shooting. *Arizona State University*.

Programmatic and marketing feasibility study for the development and implementation of graduate programs at the *College for Creative Studies*.

Comprehensive mixed-methods study on the Academic Advising and Registration process; led an inter-disciplinary task force to restructure the academic advising process at the College for Creative Studies. *College for Creative Studies*.

### **ADDITIONAL CONSULTING**

*Research Consultant*, RTI International. Examining the Prevalence and Detection of Racial Profiling in Traffic Stops using the “Veil of Darkness” method. 2016

*Research Methodology and Statistical Consultant*, Institute of Gerontology, Merrill Palmer Skillman Institute, Wayne State University. Developing a Quantitative Instrument for Assessing Financial Decision-Making Capacity. Principal Investigator: Peter Lichtenberg, Ph.D. 2013

*Senior Research Consultant*, National Institutes of Disability and Rehabilitation Research (NIDRR) sponsored study. Principal Investigator: Edward Nieshof, M.D. Grant award: \$351,000. 2001 to 2003.

*Research Consultant and Data Analyst*, National Center for Medical Rehabilitation Research. (NCMR) sponsored study. Principal Investigator: Steven Hinder, M.D. 1994 to 1997

*Research Assistant and Clinical Coordinator*, Del Harder Research Fund sponsored study. Rehabilitation Institute of Michigan. Principal Investigator: Bruce M. Gans, M.D. 1994 to 1996

### **EDITORIAL REVIEW BOARDS**

American Educational Research Association (AERA)	2001 to 2005
American Educational Studies Association	2003 to 2005
<i>Ad hoc</i> Reviewer, <i>Current Issues in Education</i>	2002 to 2003
Associate Editor, <i>Journal of Modern and Applied Statistical Methods</i>	2000 to 2001

### **CAMPUS SERVICE**

Campus Law Enforcement Liaison for the Senior Vice President and Secretary of the University, Arizona State University. 2005 – 2006.

Curriculum Development Team, Social Contexts and Contemporary Issues in Education, University of Phoenix. 2003.

Member, Curriculum Development Team, Fundamental Principles of Research, University of Phoenix. 2004.

### **SCHOLARSHIPS AND HONORARIA**

ASU/Spencer Foundation Award, 2001-2004

Arizona State University Graduate Academic Scholarship, 2002-2003

Wayne State University Graduate Professional Scholarship, 1993-1997

Scholarship for Aspiring Scholars, Henry Ford Hospital, 1989-1990

Exceptional Accomplishment in Psychology Award, Wayne State University, 1991  
Mortar Board, Senior Academic Honor Society  
Golden Key National Honor Society

**DISSERTATIONS CHAIRED**

Bergh, P. (2009). Redefining the Academic Institution: Challenging Community College Leadership. School of Advanced Studies, University of Phoenix.

Carr-Lambert, M. (2004). State Takeover Sustainability of a Public School District in West Virginia. School of Advanced Studies, University of Phoenix.

**DOCTORAL COMMITTEES**

Smith, A. (2006). The Relationship Between School Organizational Culture and Student Achievement as Measured by Standardized Test Scores in Yuma County, Arizona. School of Advanced Studies, University of Phoenix.

Dominguez, J. (2005). A Phenomenological Study of Mexican Hispanic Educational Leaders. School of Advanced Studies, University of Phoenix.



**LAW ENFORCEMENT EDUCATION AND AVOCATIONAL TRAINING**

Basic Detective School. Oakland Police Academy	2014
Macomb Emergency Services Training Center	2010
Oakland Police Academy, Basic Police Training (MCOLES License #43824)	2009
Wayne County Police Academy, Reserve Officer Training.	2007

**PATROL EXPERIENCE**

**Warren Police Department, Warren, MI** **2011 to 2013**  
*Police Officer*

**Walled Lake Police Department, Walled Lake, MI** **2014 to 2016**  
*Police Officer*

Responsibilities: pro-active patrol; responding to calls-for-service; accident investigations; criminal investigations; community relations and community policing; arresting offenders; prisoner processing and booking; special details including security for public events and municipal buildings; participation in annual and monthly training.

**Northville Township Police Department, Northville Twp Police Dept.** **2007 to 2011**  
Patrol with full-time officers; prisoner processing and booking; special details including security for public events and municipal buildings; participation in regular monthly training.

**AWARDS & TRAINING**

Life Saving Award, Warren Police Department	(2012)
Firearms Scholarship, Oakland Police Academy	(2009)

**CERTIFICATIONS**

Speed Measurement Operator (Radar/LiDar)  
First Responder First Aid and CPR Certification  
Standard Field Sobriety Testing (SFST)  
Data Master Breath Test Operator