

January 2024

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Levent Dumenci, Ph.D.

Title: Professor (tenured)
Department of Epidemiology & Biostatistics
Temple University
College of Public Health

Business Address: 1301 Cecil B Moore Avenue,
Ritter Annex, 9th Floor, Room 905
Philadelphia, PA 19122

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EDUCATION

1990-1993
Iowa State University
Ames, Iowa
Ph.D. in Psychometrics (Major) and Statistics (Minor)

1987-1989
Iowa State University
Ames, Iowa
MS in Psychometrics (Major)

1986-1987
University of Southern California
Los Angeles, California
English (ESL), no degree sought

1981-1986
Hacettepe University
Ankara, Turkey
BS in Psychology (Major) Sociology (Minor)

ACADEMIC APPOINTMENT HISTORY

Director, The Biostatistics Core, College of Public Health, Temple University, Philadelphia, Pennsylvania, July 2016 – June 2020.

Director, Graduate Programs, Department of Epidemiology and Biostatistics, College of Public Health, Temple University, Philadelphia, Pennsylvania, July 2017 – June 2019.

Interim Chair, Department of Epidemiology and Biostatistics, College of Public Health, Temple University, Philadelphia, Pennsylvania, July 2016 – September 2017.

Professor (tenured), Department of Epidemiology and Biostatistics, College of Public Health, Temple University, Philadelphia, Pennsylvania, July 2015 – present.

Professor (tenured), Department of Social and Behavioral Health, School of Medicine, Virginia Commonwealth University, Richmond, Virginia, June 2011 – June 2015.

Founding Director, Behavioral Measurement Core Shared Resource, VCU Massey Cancer Center, School of Medicine, Virginia Commonwealth University, Richmond, Virginia, December 2007 - 2015.

Associate Professor, Department of Social and Behavioral Health, School of Medicine, Virginia Commonwealth University, Richmond, Virginia, June 2007 – June 2011.

Associate Professor, Department of Psychiatry, School of Medicine, University of Vermont, Burlington, Vermont, July 2005 - May 2007.

Assistant Professor, Department of Psychiatry, School of Medicine, University of Vermont, Burlington, Vermont, June 1999 - June 2005.

Assistant Professor, Department of Psychiatry, School of Medicine, University of Arkansas for Medical Sciences, Little Rock, Arkansas, December 1998 - May 1999.

Adjunct Assistant Professor, College of Nursing, University of Arkansas for Medical Sciences, Little Rock, Arkansas, July 1998 - December 1998.

Assistant Professor, Office of Educational Development, University of Arkansas for Medical Sciences, Little Rock, Arkansas, August 1997 - November 1998.

Research Associate, Research Institute on Additions, State University of New York at Buffalo, New York, November 1994 - July 1997.

Areas of expertise and interest:

Latent Agreement Models: Psychometric latent agreement model; Dumenci's latent kappa.

Latent variable modeling: Modeling of multitrait-multimethod matrices, structural equation models, hierarchical linear models, latent mixture models.

Measurement of change: Latent trait-state models, latent growth curve models, growth mixture models, autoregressive models

Measurement theory: Classical test theory, item response theory models, factor analytic models

Cancer Prevention and Control: Health literacy of cancer patients, underserved populations.

Knee Arthroplasty Surgery: Pain and physical disability outcomes.

AWARDS AND HONORS

- Leaders in Research; College of Public Health, Temple University, 2023
- Outstanding Teacher Award in the Department of Social and Behavioral Health, Virginia Commonwealth University School of Medicine, 2011
- Tuition and fees (100 percent) plus stipend to cover living expenses awarded by the Turkish Ministry of Education to pursue a doctoral degree in the United States after ranking the 1st place in a nationwide competitive examination, 1986. Award Period: September 1986 – December 1993.

MEMBERSHIP IN SCIENTIFIC OR PROFESSIONAL SOCIETIES

Osteoarthritis Research Society International, 2019 – present

American Public Health Association (Full Member), 2015 – present

Psychometric Society (Full Member), 2004 - present.

Society for Prevention Research (Full Member), 2000 - present.

American Sociological Association (Associate Member), 1999 - present.

American Statistical Association (Full Member, Division: Social Statistics), 1996 – present.

American Psychological Association (Full Member, Division 5: Evaluation, Measurement, and Statistics), 1994 - present.

SCIENTIFIC AND SCHOLARLY ACTIVITIES**Editorial Board Membership**

Editorial Board Member, *Journal of Economic and Social Studies*, since 2010.

Editorial Board Member, *Turkish Journal of Psychology*, since 2004.

Expert Services

NIH Reviewer, National Institute of Child Health and Human Development: NICHD
Contraceptive Clinical Trials Network Statistical and Clinical Coordinating
Center, 2019.

NSF Study Section Reviewer, 2012.

NIH reviewer, *Collaborative Applications: Collaborative Clinical and Services Studies*;
2012 - present.

NIH Study Section Reviewer, *Adult Psychopathology and Disorders of Aging (APDA)*;
2012 - present.

NIH Study Section Reviewer, RFA: *Promoting Engagement in Care and Timely
Antiretroviral Initiation Following HIV Diagnosis*, 2011

NIH Study Section Reviewer, *Behavioral Medicine: Interventions & Outcomes (BMIO)*;
2009 - 2010.

NIH Study Section Reviewer, *Loan Repayment Project; National Institute of Child
Health and Human Development*, 2010 - present.

Conference Program reviewer, *Innovative Statistical Methods; Society for Prevention
Research*, 2010

Ad hoc reviewer (15-20 reviews annually):

Since 2019,

- Osteoarthritis and Cartilage

Since 2017,

- Health Literacy Research and Practice

Since 2012,

- *Methodology*
- *Behavior Research Methods*

Since 2010,

- *British Journal of Mathematical and Statistical Psychology*
- *Development and Psychopathology*
- *Journal of Psychosomatic Research*
- *Croatian Medical Journal*
- *Supportive Care in Cancer*

Since 2009,

- *Journal of Personality*
- *Journal of Clinical and Consulting Psychology*
- *Journal of Psychopathology and Behavioral Assessment*

Since 2008,

- *Prevention Science*
- *School Psychology Review*

Since 2007,

- *Applied Psychological Measurement*
- *The Journal of Child Psychology and Psychiatry*

Since 2006,

- *BMC Public Health*

- *Organizational Research Methods*
- *International Journal of Testing*
- *Journal of Developmental and Behavioral Pediatrics*

Since 2005,

- *Value in Health*
- *Behaviour Research and Therapy*

Since 2004,

- *European Journal of Psychological Assessment*
- *Journal of Studies on Alcohol*

Since 2003,

- *Journal of Child Psychology and Psychiatry*
- *Psychological Assessment*

Since 2002,

- *Multivariate Behavioral Research*
- *Psychology and Aging*

Since 2000,

- *Structural Equation Modeling*

Since 1996,

- *Psychological Methods*
- *Educational and Psychological Measurement*

Grants and Contracts: Active

R01 AI141501

Immune activating syncytiotrophoblast microvesicles and danger associated molecular patterns in preeclampsia risk

Taylor (PI); Temple University

NIH

July 5, 2019 through June 30, 2024

Total cost: \$2,884,960

Role: Co-I

Effort: 20% (2.40 calendar)

National Comprehensive Cancer Network (Genentech)

Elevating cancer equity: Health equity report card pilot project

Denlinger (PI); NCCN

January 1, 2022 through December 31, 2023

Total cost: \$20,118

Role: Consultant

Effort: 2.5% (0.30 calendar)

National Comprehensive Cancer Network (Merck)

HERC community pilot project

Denlinger (PI); NCCN

January 1, 2022 through December 31, 2023

Total cost: \$20,118

Role: Consultant

Effort: 2.5% (0.30 calendar)

Virginia Commonwealth University (OREF/Aircast)

Head-to-Head Comparison of Appropriateness Criteria for Knee Arthroplasty

Golladay/Riddle (MPI); VCU

Sept 1, 2023 through August 31, 2024

Total cost: \$84,867

Role: Co-I

Effort: 20% (2.50 calendar)

W81XWH1910837

An Investigation of Mental Health Issues Among Military Veterans Who are
Potential Candidates for Vascularized Composite Allotransplantation (VCA)

Siminoff/Sarwer (PI); Temple University

DOD

September 30, 2019 through June 30, 2023

Total cost: \$84,328 (yr. 1)

Role: Co-I

Effort: 10% (1.20 calendar)

K01MD015326

Dimensions of Early Life Adversity and Self-Regulation: Pediatric Obesity
Risk Pathways in Low Income Communities.

Schuler (PI); Temple University

NIH/NIMHD

December 1, 2020 through November 30, 2025

Total award amount: \$128,655 (yr. 1)

Role: Faculty Mentor

Effort: 0%

K23DC017763

Parent-level predictors of early language interaction quality and intervention
outcomes.

Alper (PI); Temple University

NIH/NIDCD

December 1, 2019 through November 30, 2024

Total award amount: \$813,010

Role: Faculty Mentor

Effort: 0%

K23 HD101554

A Novel Approach to Disentangling the Relationship between
Neighborhood Environment, Adverse Childhood Experiences, and
Childhood Obesity

Schroeder (PI); Temple University
NIH

July 1, 2020 through June 30, 2025

Total cost: \$644,226

Role: Faculty Mentor

Effort: 0%

F31 O'Fallon (PI)

Relationship between Child Behavior and Early Language Interaction Quality
NIH/NIDCD; September 1, 2021 through July 31, 2024

Role: Faculty Mentor (FTE = 0%)

Grants and Contracts: Completed

Virginia Commonwealth University (Pfizer)

Reconciling Findings from Appropriateness Classifications and Latent Growth
Curves of Knee Arthroplasty Pain and Function Outcomes: Determining the
Best of Both Worlds

Riddle (PI); (VCU)

May 26, 2022 through May 25, 2023

Total cost: \$84,867

Role: Co-I

Effort: 20% (2.50 calendar)

Wicked Device LLC (Prime: NIH)

A collaborative data collection and analysis for inquiry-based experiential
learning for health sciences related STEM education

Wilson (PI); Temple University

September 11, 2018 through September 1, 2021

Role: Biostatistician

Effort: Year 2: 2% (0.24 calendar); Year 3: 13% (1.56 calendar)

1R01CA168647 Siminoff (PI)

Communication and Economic Outcomes for Cancer Survivors

NIH/NCI; April 1, 2014 through March 31, 2018

Total cost (Year 1): \$419,211 (Direct: \$275,193; Indirect: \$144,018)

Role: Co-I

Effort: 10% (1.2 cal., 3/1/14 – 3/31/17) & 15% (1.8 cal., 4/1/17 – 3/31/18)

NDRI002 Siminoff (PI)

Sub-Study of the Ethical, Legal and Social Issues, in Relation to RFP S10-120 GTEX Substudy of the Ethical, Legal and Social Issues of the Gene Expression Project

NDRI; March 1, 2013 through August 31, 2017

Total cost: \$2,663,249 (Direct: \$1,752,137; Indirect: \$911,112)

Role: Co-I

Effort: 5% (0.6 calendar)

1UM1AR062800 Riddle (PI)

Knee Arthroplasty Pain Coping Skills Training (KASTPain): A Randomized Trial

NIH/ NIAMS; August 1, 2012 through July 31, 2018

Role: Co-I

Effort: 16% (1.92 calendar)

R01 CA140151 **Dumenci** (PI)

Development of an Instrument to Measure Health Literacy in Cancer Patients

NIH/NCI; April 9, 2010 through January 31, 2014

Total cost: \$2,749,780 (Direct: \$1,856,856; Indirect: \$892,924)

Effort: 40% (5.6 calendar)

5P30 CA016059-30 Ginder (PI)

Cancer Center Support Grant

NIH/NCI; May 1, 2013 through April 30, 2017

Total cost: \$5,593,644 (Direct: \$3,745,820; Indirect: \$1,947,824)

Role: Director of Behavioral Measurement Shared Resource

Effort: 20% (2.4 calendar)

R01 CA134280 Siminoff (PI)

Appraisal Delay and Disparities in Timely Cancer Diagnosis

NIH/NCI; August 1, 2008 through July 31, 2012

Total cost: \$3,776,487 (Direct: \$2,890,843; Indirect: \$885,644)

Role: Co-investigator

Effort: 15%

2R25CA093423-06A2 Siminoff & Bradley (Co-PIs)

Training Program in Behavioral and Health Services Cancer Control Research

ACS; September 12, 2011 through August 31, 2016

Total Cost: \$2,239,329 (Direct: \$2,069,202; Indirect: \$170,127)

Role: Faculty Mentor (FTE = 0%)

F31 Lohman (PI)

Frailty and Depression: A Latent Trait Analysis

NIH/NIA; April 1, 2013 through March 31, 2016

Role: Co-Mentor (FTE = 0%)

F31 Urbanski (PI)

Pre-end-stage Renal Disease Nephrology Care
NIH/NIDDK; April 1, 2017 through March 31, 2020
Role: Faculty Mentor (FTE = 0%)

K01 Marshall (PI)

Increasing Communication about Live Donor Kidney Transplant: A Proof of
Concept
DHHS/AHRQ; December 1, 2009 through November 30, 2014
Direct cost: \$
Role: Faculty Mentor (FTE = 0%)

R01 HD068305 Liu (PI)

Social Network and Sexual Risk for HIV/STIs among Older Female Sex
Workers
NIH/NICHD; September 1, 2011 through June 30, 2015
Total cost: \$1,561,475 (Direct: \$1,135,763; Indirect: \$425,712)
Role: Paid Consultant

R03 MH064474 **Dumenci** (PI)

Integrating Multisource Data in Youth Psychopathology
NIH/NIMH; July 1, 2003 through June 30, 2005
Total cost: \$151,500 (Direct: \$100,000; Indirect: \$51,500)
Effort: 40%

U01 HL101064 Sun (PI)

Multilevel Longitudinal Models and Causal Networks for Childhood Obesity
NIH/NICHD; September 1, 2009 through December 31, 2012
Total cost: \$1,868,746 (Direct: \$1,250,000; Indirect: \$618,746)
Role: Co-I
Effort: 15% (1.8 calendar)

R01 AA016917 Stanger (PI)

Family Based Contingency Management for Adolescent Alcohol Abuse
NIH/NIDA; August 1, 2008 through May 31, 2011
Total cost (VCU only): \$107,317 (Direct: \$72,025; Indirect: \$35,292)
Role: Site PI
Effort: 10% (1.2 calendar)

R01 DA15186-05 Budney (PI)

Behavioral Treatment of Adolescent Marijuana Use
NIH/NIDA; July 1, 2007 through May 31, 2011
Total cost (VCU only): \$60,814 (Direct: \$40,814; Indirect: \$20,000)
Role: Site PI

Effort: 10% (1.2 calendar)

City of Richmond Meyer (PI)

Matching Clients with the Services They Need under Structured Decision Making

January 1, 2007 through December 31, 2008

Total cost: \$340,273 (Direct: \$318,716; Indirect: \$21,557)

Role: Co-I

Effort: 10% (1.2 calendar)

ACS Matsuyama (PI)

Mentored Scholar Grant

Health Literacy, Race, and Information Needs in Cancer

July 1, 2009 through June 30, 2013

Direct cost: \$728,224

Role: Faculty Mentor (FTE = 0%)

PRESENTATIONS

- 1) Davies, P., **Dumenci, L.**, & Windle, M. (April 1997). *Mediational pathways between depressive symptoms, marital discord, and adolescent maladjustment: A prospective study*. Paper presented at Society for Research on Child Development, Washington, DC.
- 2) Brigidi, B. D., Achenbach, T. M., Waldemar, G., Eckermann, A., Andersen, B. B., **Dumenci, L.**, & Newhouse, P. A. (February 2004). *Empirically-based geriatric assessment: the Older Adult Self Report and Older Adult Behavior Checklist*. Poster presented at American Association for Geriatric Psychiatry, Baltimore, MD.
- 3) Newhouse, P. A., Brigidi, B. D., Waldemar, G., Eckermann, A., Andersen, B. B., **Dumenci, L.**, Achenbach, T. M., (April 2004). *The Older Adult Self Report and Older Adult Behavior Checklist: Development and initial dementia discrimination study*. Poster presented at the 8th Montreal/Springfield Symposium on Alzheimer Therapy, Montreal, Canada.
- 4) **Dumenci, L.**, & Achenbach, T. M. (July 2004). *Latent profiles of child psychopathology derived from teachers' ratings*. Poster presented at American Psychological Association, Honolulu, HI.
- 5) **Dumenci, L.** (July 2005). *A three-latent class variable model of attention problems*. Poster presented at the International Meeting of Psychometric Society, Tilburg, The Netherlands.
- 6) **Dumenci, L.**, Windle, M., & Achenbach, T. M. (July 2005). *Latent trait-state model for Cross-sectional research designs*. Paper presented at European Congress of Psychology, Granada, Spain.
- 7) **Dumenci, L.** (September 2005). *Inferring causation from correlation*. Paper presented at the Research Seminar Series, Department of Psychiatry, University of Vermont; Burlington, Vermont.

- 8) Kamon, J. L., Stanger, C., Budney, A. J., & **Dumenci, L.** (August 2005). *Efficacy of a contingency-management treatment for adolescent substance abuse*. Paper presented at American Psychological Association, Washington, DC.
- 9) Rettew, D. C., Achenbach, T. M., **Dumenci, L.**, & Ivanova, M. (October 2006). *Meta-analysis of agreement between clinical evaluations and standardized interviews*. Poster presented at the Annual Meeting of the American Academy of Child and Adolescent Psychiatry, San Diego, CA.
- 10) Rettew, D. C., Ayer, L., Doyle, A., **Dumenci, L.**, & Hudziak, J. J. (October 2006). *Inheritance patterns of temperament and psychopathology in internalizing disorders*. Poster presented at the Annual Meeting of the American Academy of Child and Adolescent Psychiatry, San Diego, CA.
- 11) Rettew, D.C., Althoff, R.R., Ayer, L., **Dumenci, L.**, & Hudziak, J.J. (October 2007). *Temperamental profiles – revisiting the “difficult child.”* Paper presented at the Annual Meeting of the American Academy of Child & Adolescent Psychiatry, Boston, Massachusetts.
- 12) Rettew, D.C., Ayer, L., **Dumenci, L.**, Althoff, R.R., & Hudziak, J.J. (October 2007). *Inheritance of temperament mediates parenting in child internalizing but not externalizing problems*. Poster presented at the Annual Meeting of the American Academy of Child & Adolescent Psychiatry, Boston, Massachusetts.
- 13) **Dumenci, L.** (April 2008). *How best to obtain test scores from responses to ordinal (Likert-type) items*. Paper presented at the Research Seminar Series, Department of Social and Behavioral Health, Virginia Commonwealth University, Richmond, Virginia.
- 14) **Dumenci, L.**, Achenbach, T.M., & Windle, M. (May 2008). *Measuring context-specific and cross-contextual components of problem behavior*. Paper presented at the Annual Meeting of the Society for Prevention Research, San Francisco, California.
- 15) **Dumenci, L.**, & Yates, P.D. (June 2008). *Performance of relative fit statistics in distinguishing mixture of a one-factor model and a null model for binary items*. Paper presented at the International Meeting of the Psychometric Society, Durham, New Hampshire.
- 16) **Dumenci, L.**, & Yates, P.D. (December 2008). *Latent mixture measurement modeling approaches to detect random responders: A simulation study*. Poster presented at the Public Health Research Forum, Richmond, Virginia.
- 17) **Dumenci, L.** (January 2009). *Development of Behavioral Measurement Core facility within the Cancer Prevention and Control program at VCU Massey Cancer Center*. Paper presented at the Massey Cancer Center, Virginia Commonwealth University, Richmond, Virginia.
- 18) Stanger, C., Young, J.A., & **Dumenci, L.** (April 2009). *Preventing problems among children of substance abusers*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Denver, CO.
- 19) **Dumenci, L.** (April 2009). *Cluster and latent class analysis*. Paper presented at The Center for the Advancement of Research Methods & Analysis (CARMA) Scholar’s Lecture Series, Virginia Commonwealth University, Richmond, Virginia.
- 20) **Dumenci, L.** (November 2009). *Classification: Observed- & latent-variable frameworks*. Paper presented at the Research Methods Seminar, Department of

Epidemiology and Community Health, Virginia Commonwealth University, Richmond, Virginia.

- 21) **Dumenci, L.** (December 2009). *Causation in quasi- and non-experimental designs*. Paper presented at the Research Seminar Series, Department of Social and Behavioral Health, Virginia Commonwealth University, Richmond, Virginia.
- 22) **Dumenci, L.** & Yates, P.D. (June 2010). *Nonconvergence/improper solutions in the correlated-trait correlated-method (CTCM) parameterization of multitrait-multimethod matrix*. Paper presented at the International Meeting of the Psychometric Society, Athens, Georgia.
- 23) Mackey, S., **Dumenci L.**, Emir, B., Murphy, K., & Whalen, E. (April 2010). *Sensory pain qualities in neuropathic pain: Utility in predicting treatment effect of pregabalin*. Paper presented at the International Congress on Neuropathic Pain, Athens, Greece.
- 24) **Dumenci, L.** (March 2011). *Diagnostics in behavioral medicine*. Paper presented at the Research Seminar Series, Department of Social and Behavioral Health, Virginia Commonwealth University, Richmond, Virginia.
- 25) Jones, R.M., Magnusson, B.M., **Dumenci, L.**, & Vernon, S.W. (June 2011). *Measuring barriers to flexible sigmoidoscopy and colonoscopy: A validation study*. Poster presented at the 3rd North American Congress of Epidemiology. Montreal, Quebec, Canada.
- 26) Jones, R.M., Magnusson, B.M., **Dumenci, L.**, & Vernon, S.W. (June 2011). *Psychometric properties of a fecal occult blood test barrier scale*. Poster presented at the 3rd North American Congress of Epidemiology. Montreal, Quebec, Canada.
- 27) **Dumenci, L.** (July 2011). *Distinguishing the signal from noise with the binary Latent Type variable*. Paper presented at the International Meeting of the Psychometric Society, Hong Kong, China.
- 28) Mezuk, B., Lohman, M., Lapane, K., **Dumenci, L.** (November 2011). *Are depression and frailty overlapping syndromes in later life? A latent variable analysis*. Paper presented at the 8th Annual Interdisciplinary Women's Health Research Symposium, Bethesda, Maryland.
- 29) **Dumenci, L.**, Matsuyama, R.K., & Siminoff, L.A. (November 2012). *Psychometric properties of the Cancer Health Literacy Test*. Paper presented at the Annual International Psychosocial Oncology Meeting, Brisbane, Australia.
- 30) Sakarya, D., Erol, N., Sakarya, A., **Dumenci, L.** (June 2013). *Psychometric properties of the Turkish version of the Adult Self Report Scale (18-59)*. Paper presented at the World Psychiatric Association International Congress, Istanbul, Turkey.
- 31) **Dumenci, L.**, Matsuyama, R.K., Perera, R.A., Kuhn, L., & Siminoff, L.A. (August 2013). *Distinguishing Patients with Adequate versus Inadequate Cancer Health Literacy Levels: A Discrete Latent Trait Approach*. Paper presented at the Annual American Psychological Association Meeting, Honolulu, Hawaii.
- 32) **Dumenci, L.** (March 2014). *Asking sensitive questions in interviews and surveys*. Workshop presented at the Chinese Center for Disease Control, Nanning, China.
- 33) Lohman, M., **Dumenci, L.**, & Mezuk, B. (March 2014). *Depression and frailty: Evidence for a common vulnerability*. Poster presented at the American

- Association for Geriatric Psychiatry, Orlando, FL.
- 34) Morris, H., **Dumenci, L.**, Elston-Lafata, J. (November 2014). *Development of an instrument to measure collaborative goal setting in the care of patients with diabetes*. Paper presented at the 142nd Annual Meeting of American Public Health, New Orleans, Louisiana.
 - 35) Orr, C.A., Carlyle, K., & **Dumenci, L.** (April 2014). *The blame game: Examining attributions of culpability for domestic violence*. Poster presented at the 10th Annual Women's Health Research Day, Richmond, VA.
 - 36) **Dumenci, L.**, Matsuyama, R.K., Perera, R.A., Cartwright, L., & Siminoff, L.A. (October 2014). *Cancer Health Literacy, Patient Characteristics, and participation in health decisions Test*. Poster presented at the Annual International Psychosocial Oncology Meeting, Lisbon, Portugal.
 - 37) **Dumenci, L.** (December 2014). *The Psychometric Latent Agreement Model*. Paper presented at the Biostatistics Departmental Seminar, VCU, Richmond, VA.
 - 38) **Dumenci, L.** (January 2015). *Measuring cancer health literacy*. Paper presented at the American Associations of Health Plan's Health Literacy Task Force Meeting, Online.
 - 39) **Dumenci, L.** (January 2015). *Cancer and health literacy*. Paper at the VCU Massey Cancer Center, Richmond, VA.
 - 40) Dyer, K.E., **Dumenci, L.**, Siminoff, L.A., & Lafata, J.E. (March 2015). *Body mass index and delay in diagnosis of colorectal cancer*. Paper presented at the Annual Meeting of the American Society of Preventive Oncology (ASPO), Birmingham, AL.
 - 41) Morris, H.L., **Dumenci, L.**, & Lafata, J.E. (June 2015). *Development and validation of an instrument to measure collaborative goal setting in the care of patients with diabetes*. Paper presented at the American Diabetes Association Meeting, Boston, MA.
 - 42) Morris, H.L., Lafata, J.E., & **Dumenci, L.** (November 2015). *Development and validation of an instrument to measure collaborative goal setting in the care of patients with diabetes*. Paper presented at the American Public Health Association Meeting, Chicago, IL.
 - 43) **Dumenci, L.**, Matsuyama, R.K., Perera, R.A., Cartwright, L., & Siminoff, L.A. (July 2015). *Invariant measurement of cancer health literacy between persons with and without cancer diagnosis*. Paper presented at the 14th European Congress of Psychology, Milan, Italy.
 - 44) Siminoff, L.A., Rogers, H., & **Dumenci, L.** (October 2015). *The Impact of gender and race on diagnosing colon cancer during a primary care visit*. Paper presented at the Annual International Psychosocial Oncology Meeting, Washington, D.C.
 - 45) **Dumenci, L.**, Matsuyama, R.K., Perera, R.A., Cartwright, L., & Siminoff, L.A. (November 2015). *Cancer Health Literacy Study*. Paper to be presented at the Health Literacy Research Conference, Washington, D.C.
 - 46) **Dumenci, L.** (February 2016). *Cancer Health Literacy*. Paper presented at Fox Chase Cancer Center, Philadelphia, PA.
 - 47) Wiseman, K.P., Mink, P.J., **Dumenci, L.**, Jones, R.M. (March 2016). *Psychosocial determinants of decisional conflict and its relationship to colonoscopy adherence*. Paper to be presented at the 37th Society of Behavioral Medicine, Washington,

- D.C.
- 48) El-Shahawy, O., **Dumenci, L.**, & Lafata, J.E. (March 2016). *Factors associated with primary care physicians' intention to recommend e-cigarette use to their adult patients who smoke*. Paper presented at the Annual Meeting of Society for Research on Nicotine and Tobacco, Chicago, IL.
 - 49) **Dumenci, L.**, Matsuyama, R.K., Cartwright, L., Perera, R.A., & Siminoff, L.A. (May, 2016). *Measuring Cancer Health Literacy among Persons without a Cancer Diagnosis*. Paper presented at the 22nd World Conference on Health Promotion, Curitiba, Brazil.
 - 50) **Dumenci, L.**, Matsuyama, R.K., Cartwright, L., & Siminoff, L.A. (December 2016). *Standardization of the Cancer Health Literacy Test in a non-cancer population*. Paper presented at the 14th International Congress of Behavioral Medicine, Melbourne, Australia.
 - 51) Cartwright, L., **Dumenci, L.**, & Matsuyama, R.K. (October 2017). *Health Literacy as an independent predictor of hospitalization*. Paper presented at the International Conference on Communication in Healthcare and Health Literacy Annual Research Conference (ICCH/HARC), Baltimore, MD.
 - 52) Matsuyama, R.K., Cartwright, L., & Siminoff, L.A. **Dumenci, L.** (October 2017). *Demonstrating an easy-to-use, valid, and reliable measure of cancer health literacy*. Paper presented at the International Conference on Communication in Healthcare and Health Literacy Annual Research Conference (ICCH/HARC), Baltimore, MD.
 - 53) Casola, A.R., **Dumenci, L.**, Nelson, D.B., Lozano, A., & Patterson, F. (July 2018). *Does sleep modify the relationship between health risk behaviors and contraceptive non-use? Findings from a national sample of adolescents*. Poster presented at Society for Epidemiologic Research Conference, Baltimore, MD.
 - 54) **Dumenci, L.**, Cartwright, L., & Siminoff, L.A. (November 2018). *Explaining cancer health literacy as a function of patient characteristics*. Poster presented at the 15th International Congress of Behavioral Medicine, Santiago, Chile.
 - 55) **Dumenci, L.**, Perera, R.A., Keefe, F.J., Ang, D., Slover, J., Jensen, M.P., & Riddle, D.L. (May 2019). *Pain and function trajectory types of knee arthroplasty patients*. Poster presented at the 15th The World Congress on Osteoarthritis, Toronto, Canada.
 - 56) Riddle, D.L., Keefe, F.J., Ang, D., Slover, Jensen, M.P., Bair, M.J., Kroenke, K., Perera, R.A., Reed, S.D., McKee, D., & **Dumenci, L.** (May 2019). *Randomized clinical trial of pain coping skills training for patients who catastrophize about pain prior to knee arthroplasty*. Poster presented at the 15th The World Congress on Osteoarthritis, Toronto, Canada.
 - 57) Hung, A., Keefe, F.J., Ang, D., Slover, J., Jensen, M.P., Bair, M.J., Kroenke, K., Perera, R.A., McKee, D., **Dumenci, L.**, Reed, S.D., & Riddle, D.L. (May 2019). *One-year healthcare utilization and costs after knee arthroplasty*. Poster presented at the International Society for Pharmacoeconomics and Outcomes Research, New Orleans, LA.
 - 58) **Dumenci, L.**, Perera, R.A., Keefe, F.J., Ang, D., Slover, J., Jensen, M.P., & Riddle, D.L. (September 2019). *Model based pain and function trajectory types of knee arthroplasty patients*. The Knee Society Conference. Cape Neddick, ME.

- 59) **Dumenci, L.** (November 2019). *Discrete Latent Variable Modeling with applications*. Paper to be presented at Seminar Series, Department of Pharmacology and Experimental Therapeutics, Division of Biostatistics, Thomas Jefferson University, Philadelphia, PA.
- 60) **Dumenci, L., & Siminoff, L.A.** (November 2019). *Standardization of the Cancer Health Literacy Test – 6 in a non-cancer population*. Poster presented at the 12th European Public Health Conference, Marseille, France.
- 61) Urbanski, M., **Dumenci, L.**, Gadegbeku, C., Siminoff, L.A., Waterman, A., & Gardiner, H. (May 2020). *“By the time they get to me, I’ll be dead anyway.” A mixed method examination of treatment education and decision-making among patients with varying amounts of pre-end-stage renal disease nephrology care*. American Transplant Congress, Virtual.
- 62) Casola, A.R., **Dumenci, L.**, Matson, P.A., & Jones, R.M. (June 2020). *A theory-based approach to understanding interconnected effects of dual contraceptive use among young adults ages 18-24*. Paper to be presented at AcademyHealth Annual Research Meeting, Boston, MA.
- 63) **Dumenci, L.**, Kroenke, K., Keefe, F.J., Ang, D., Slover, J., Perera, R.A., & Riddle, D.L. (April, 2020). *Trait-state distinction of pain and function measurements among knee arthroplasty patients*. Poster to be presented at the 16th The World Congress on Osteoarthritis, Vienne, Austria.
- 64) **Dumenci, L. & Siminoff, L.A.** (June 2020). *A two-week and six-month stability of cancer health literacy classification using the CHLT-6*. Paper presented at the 22nd World Congress of Psycho-Oncology & Psychosocial Academy, Kyoto, Japan.
- 65) Schroeder, K., Day, S., Konty, K., **Dumenci, L.**, & Lipman, T. (October 2020). *The impact of change in neighborhood poverty on BMI trajectory of 37,544 New York City youth: A longitudinal analysis*. Paper presented at American Public Health Association Annual Meeting, San Francisco, CA.
- 66) Bhimla, A., Sarwer, D.B., **Dumenci, L.**, Butcher-Poffley, L.a., Hanry, K.A., Kazynski, A.T., & Ma, G.X. (October 2020). *Examining the relationship between perceived neighborhood characteristics and physical activity behavior among Asian Americans in an urban environment*. Poster presented at American Public Health Association Annual Meeting, San Francisco, CA.
- 67) Rogers, H., **Dumenci, L.**, & Siminoff, L.A. (December 2020). *Physician-patient gender concordance may underlie some health disparities: Findings from a large unannounced standardized patient study of US primary care physicians*. Virtual Meeting of American Psychosomatic Society.
- 68) Rogers, H., **Dumenci, L.**, & Siminoff, L.A. (June 2021). *Might physician-patient gender concordance influence clinical outcomes in primary care? Findings from a large unannounced standardized patient study*. Paper presented at the Annual International Psychosocial Oncology Meeting, Washington, D.C.
- 69) Zisman-Ilani, Y. & **Dumenci, L.** (June 2021). *Unmet communication needs and barriers of African Americans with Type 2 diabetes*. Paper presented at European Association of Psychosomatic Medicine Annual Meeting, Online.
- 70) Snead, R., **Dumenci, L.**, & Jones, R. (October 2021). *A latent class analysis of cognitive decline in US adults, BRFSS 2015-2018*. American Public Health Association Annual Meeting, Denver, CO.

- 71) Kinik, T., **Dumenci, L.**, & Jones, R. (October, 2021). *A structural equation modeling approach for the relation between sexual functioning and quality of life among postmenopausal women*. American Public Health Association Annual Meeting, Denver, CO.
- 72) Camillia R. Comeaux C.R., Brandie D. Taylor B.D., **Dumenci L.**, Abbey B Berenson A.B., & Ashley V. Hill A.V. (July 2022) *Syndemic Profiles of Human Papillomavirus (HPV) Infection in United States Adults*. Society for Epidemiologic Research Conference, Chicago, Illinois.
- 73) **Dumenci, L.**, & Riddle, D.L. (May 2023). *Reduction in bodily pain and WOMAC Pain following knee arthroplasty: A latent change score analysis*. Presented at World Congress on Osteoporosis, Osteoarthritis, and Musculoskeletal Diseases, Barcelona, Spain.
- 74) Schroeder, K., **Dumenci, L.**, Sarwer, D.B., Noll, J.N., Henry, K.A., Suglia, S.F., Forke, C.M., & Wheeler, D.C. (June, 2023). *Disentangling the Association Between Adverse Childhood Experiences, Neighborhood Environment, and Obesity*. Paper presented at the International Society of Behavioral Nutrition and Physical Activity conference, Uppsala, Sweden.
- 75) Richardson-Slater, C., Bandini, L., Carter, T., **Dumenci, L.**, Carlson, R., Schatz, A., & Denlinger, C.S. (October 2023). *Health Equity Report Card (HERC) Implementation in the Academic Oncology Setting*. Paper to be presented at the ASCO Quality Care Symposium, Boston, MA.
- 76) **Dumenci, L.**, Wing-Lok, C., & Pun, J. (November 2023). *Limited cancer health literacy rates among African American (U.S.), White (U.S.) and Chinese (H.K.) samples*. Paper to be presented at the 16th European Public Health Conference, Dublin, Ireland.
- 77) Schroeder, K., **Dumenci, L.**, Day, S.E., Konty, K., Noll, J.N., Henry, K.A., Suglia, S.F., Wheeler, D.C., & Sarwer, D.B. (August 2024). *An upstream approach to understanding associations Between Adverse Childhood Experiences and Obesity*. Paper presented at the Society of Behavioral Medicine, Philadelphia, PA.
- 78) Riddle, D.L. & **Dumenci, L.** (April 2024). *Combining predictive models captures two types of poor outcomes in knee arthroplasty: A multisite longitudinal cohort study*. Poster presented at The World Congress on Osteoarthritis, Vienna, Austria.
- 79) **Dumenci, L.** & Riddle, D.L. (April 2024). *Preoperative opioid use and dosage trajectories for good versus poor pain outcome classification of knee arthroplasty patients: Results from a secondary analysis of a randomized trial*. Presented at World Congress on Osteoporosis, Osteoarthritis, and Musculoskeletal Diseases, London, United Kingdom.
- 80) Riddle, D.L. & **Dumenci, L.** (April 2024). *Understanding chronic bodily pain outcomes following knee arthroplasty: A latent change score approach*. Poster presented at The World Congress on Osteoarthritis, Vienna, Austria.
- 81) **Dumenci, L.** & Riddle, D.L. (April 2024). *Understanding chronic bodily pain outcomes following knee arthroplasty: A latent change score approach*. Presented at World Congress on Osteoporosis, Osteoarthritis, and Musculoskeletal Diseases, London, United Kingdom.

CLASSROOM TEACHING

Formal University Courses

Spring, 2022

EPBI 5001: Biostatistics for Health Professions
Department of Epidemiology and Biostatistics
College of Public Health
Temple University

Spring, 2020

EPBI 9389: Fieldwork II
Department of Epidemiology and Biostatistics
College of Public Health
Temple University

Fall, 2019

EPBI 9289: Fieldwork I
Department of Epidemiology and Biostatistics
College of Public Health
Temple University

Spring, 2019

EPBI 8208: Data Management and Analysis
Department of Epidemiology and Biostatistics
College of Public Health
Temple University

Spring, 2017 - present

EPBI 8201: Structural Equation Modeling
Department of Epidemiology and Biostatistics
College of Public Health
Temple University

Fall, 2016 - present

EPBI 8302: Behavioral Measurement
Department of Epidemiology and Biostatistics
College of Public Health
Temple University

Fall, 2017 - present

EPBI 9994-002: Preliminary Examination
Department of Epidemiology and Biostatistics
College of Public Health
Temple University

Fall, 2017 - present

EPBI 9996-002: Master's Research in Public Health

Department of Epidemiology and Biostatistics

College of Public Health

Temple University

Fall, 2017 - present

EPBI 9996-003: Master's Research in Public Health

Department of Epidemiology and Biostatistics

College of Public Health

Temple University

Spring, 2017

EPBI 9999-002: Dissertation Proposal Research

Department of Epidemiology and Biostatistics

College of Public Health

Temple University

Summer II, 2017

EPBI 9996-012: Masters Research in Public Health

Department of Epidemiology and Biostatistics

College of Public Health

Temple University

Spring, 2011 - 2015

SBHD 633: Structural Equation Modeling

Department of Social and Behavioral Health

School of Medicine

Virginia Commonwealth University

Spring, 2009 - 2015

SBHD 610: Behavioral Measurement

Department of Social and Behavioral Health

School of Medicine

Virginia Commonwealth University

Spring, 2012 - 2014

SBHD 695: Independent Study: Measurement, Design, and Analysis

Department of Social and Behavioral Health

School of Medicine

Virginia Commonwealth University

Fall, 1998

NUSC 6273: Data Analysis and Synthesis

Nursing

College of Nursing

Guest Lectures

EPBI: Spring 2020

Sample Size Considerations and Power
Department of Epidemiology and Biostatistics
School of Public Health
Temple University

EPBI: Spring 2018

Sample Size Considerations and Power
Department of Epidemiology and Biostatistics
School of Public Health
Temple University

EPBI: Spring 2016

Missing Data Analysis
Department of Epidemiology and Biostatistics
School of Public Health
Temple University

SBHD: Spring 2013

Missing Data: Problems & Solutions
Department of Social and Behavioral Health
School of Medicine
Virginia Commonwealth University

Health Administration: Spring 2013

Data Reduction Techniques
Department of Health Administration
School of Allied Health
Virginia Commonwealth University

Spring 2009, CARMA Scholar's Lecture Series

Cluster and latent class analyses
The Center for the Advancement of Research Methods & Analysis (CARMA)
School of Business
Virginia Commonwealth University

BIS 531: Clinical Epidemiology II (Fall 2007 - 2010)

Measurement and scale development
Department of Biostatistics
School of Medicine
Virginia Commonwealth University

Summer 2007, Introduction to Clinical Research
Measurement
Department of Internal Medicine Lecture Series
School of Medicine
Virginia Commonwealth University

SERVICE ACTIVITIES

Service to the Profession

2021, 2023; NIH Reviewer, National Institute of Child Health and Human Development:
Loan Repayment Project

2021; Member, Scientific Organization Committee: 1st National Eurasian Psychological
Studies Congress

2019; NIH Reviewer, National Institute of Child Health and Human Development:
NICHD Contraceptive Clinical Trials Network Statistical and Clinical
Coordinating Center

2012; NSF Reviewer

2012; NIH Reviewer: Collaborative Applications: Collaborative Clinical and Services
Studies

2012; NIH Reviewer: Adult Psychopathology and Disorders of Aging Study Section
(APDA); Biobehavioral and Behavioral Processes IRG (BBBP)

2011; NIH Reviewer: RFA: Promoting Engagement in Care and Timely Antiretroviral
Initiation Following HIV Diagnosis

2010 - 2011; NIH Reviewer: Behavioral Medicine: Interventions & Outcomes

2010- 2015; NIH Reviewer, National Institute of Child Health and Human Development:
Loan Repayment Project

2010; Conference Program reviewer, Society for Prevention Research: Innovative and
Statistical Methods

2010 – Present; Editorial Board Member for the Journal of Economic and Social Studies

2004 – Present; Editorial Board Member of Turkish Journal of Psychology

1995 – Present; Ad hoc Reviewer; approximately 10 – 15 manuscript reviews annually
submitted to over 20 national and international journals

Service to the University

Chair/Member (appointed), Tenure and Promotion Committee, College of Public Health; TU, 2015 - Present

Member (appointed), Tenure and Promotion Guidelines Development Committee, College of Public Health; TU, 2015

Member (appointed), Public Health Graduate Counsel, College of Public Health; TU, 2016-2019

Member (appointed), Faculty Senate, Research Programs and Policies Committee; TU, 2015

Chair (appointed), Dean's Representative, Oral Comprehensive Exam; Z. Gu, Biostatistics, VCU, 2014

Chair (appointed), Dean's Representative, Oral Comprehensive Exam; N. Farhat, Biostatistics, VCU, 2013

Co-Chair (appointed), Joint Faculty Search Committee, Departments of Biostatistics and Social and Behavioral Health, VCU, 2012

Chair (appointed), Tenure Committee; J. Elston-Lafata, Social and Behavioral Health, VCU, 2012

Member (appointed), Tenure & Promotion Committee; R.K. Matsuyama, Social and Behavioral Health, 2012

Chair (appointed), Dean's Representative, Oral Comprehensive Exam; A.R. Wilk, Biostatistics, VCU, 2011

Member (appointed), Tenure & Promotion Committee; R.M. Jones, Epidemiology and Community Health, 2011

Member (appointed), SOM Information Technology Advisory Committee, VCU, VCU, 2010-2011

Alternate Member (elected), SOM Faculty Senate, VCU, 2009-2010

Member (appointed), SOM Information Technology Audit Resolution Committee, VCU, 2009-2010

Member (appointed), Statistical Genetics Faculty Search Committee, VCU, 2009

Chair (appointed), Dean's Representative, Oral Comprehensive Exam; A.E. Ahmed, Biostatistics, VCU, 2008

Chair (appointed), Dean's Representative, Oral Comprehensive Exam; P.D. Yates, Biostatistics, VCU, 2008

Co-Chair (appointed), Joint Faculty Search Committee, Departments of Biostatistics and Social and Behavioral Health, VCU, 2007

Service to the Department

2023 – Evaluator (appointed), Faculty Teaching Performance for Hoda Jradi, Epidemiology and Biostatistics, TU.

2022 – Evaluator (appointed), Faculty Teaching Performance for Robin Taylor, Epidemiology and Biostatistics, TU.

2022 – Evaluator (appointed), Faculty Teaching Performance for Yanda Lang, Epidemiology and Biostatistics, TU.

2021 – Evaluator (appointed), Faculty Teaching Performance for John Ulicny, Epidemiology and Biostatistics, TU.

2021 – Evaluator (appointed), Faculty Teaching Performance for Krys Johnson, Epidemiology and Biostatistics, TU.

2020 – Evaluator (appointed), Faculty Teaching Performance for Ambler Trueblood, Epidemiology and Biostatistics, TU.

2020 – Chair (appointed), Departmental Tenure and Promotion Committee for Donna Coffman, Epidemiology and Biostatistics, TU.

2020 – Chair (appointed), Departmental Tenure and Promotion Committee for Brandie DiPaoli Taylor, Epidemiology and Biostatistics, TU.

2020 – Evaluator (appointed), Faculty Teaching Performance for Robin Taylor, Epidemiology and Biostatistics, TU.

2020 – Evaluator (appointed), Faculty Teaching Performance for Jialiang Liu, Epidemiology and Biostatistics, TU.

2017 – 2019, Graduate Program Director (appointed), Epidemiology and Biostatistics, TU.

2019 – Evaluator (appointed), Faculty Teaching Performance for Liz Chmielewski-Yee, Epidemiology and Biostatistics, TU.

2019 – Evaluator (appointed), Faculty Teaching Performance for Aimee Palumbo, Epidemiology and Biostatistics, TU.

2018 – Evaluator (appointed), Faculty Teaching Performance for Donna Coffman, Epidemiology and Biostatistics, TU.

2018 – Evaluator (appointed), Faculty Teaching Performance for Jingwei Wu, Epidemiology and Biostatistics, TU.

2017 – 2019, Chair (appointed), Curriculum and Assessment Committee, Epidemiology and Biostatistics, TU.

2017 – 2019, Chair (appointed), Doctoral Comprehensive Examination Committee, Epidemiology and Biostatistics, TU.

2017 – 2019, Member (appointed), Master's Program Admission Committee, Epidemiology and Biostatistics, TU.

2017 – 2019, Member (appointed), Doctoral Program Admission Committee, Epidemiology and Biostatistics, TU.

2015 – 2019, Member (appointed), Tenure-Tract Faculty Search Committee, Epidemiology and Biostatistics, TU.

2017 – 2019, Member (appointed), Instructional Tract Faculty Search Committee, Epidemiology and Biostatistics, TU.

2017 – 2019, Member (appointed), Strategic Planning Committee, Epidemiology and Biostatistics, TU.

2017 – Chair (appointed), Mid-Tenure Review Committee, TU.

2016 – 2017, Interim Chair (appointed), Epidemiology and Biostatistics, TU.

2016 – Chair (appointed), NTT Junior Epidemiology Faculty Search Committee, TU.

2016 – Chair (appointed), NTT Junior Biostatistics Faculty Search Committee, TU.

2015 – Chair (appointed), TT Senior Epidemiology Faculty Search Committee, TU.

2014 – Chair (appointed), Promotion Committee, VCU.

2013 – Co-Chair (appointed), Faculty Search Committee, VCU.

2012 – Chair (appointed), Tenure Committee, VCU.

2012 – Member (appointed), Tenure & Promotion Committee, VCU.

2012 – Member (appointed) Graduate Admission Committee, VCU.

2011 (February) – Acting Chair (appointed), Department of Social and Behavioral Health, VCU.

2011 – Chair (appointed) Curriculum Development Committee, VCU.

2010 – Member (appointed) Curriculum Development Committee, VCU.

2010 – Present; Chair (appointed), Website Development Committee, VCU.

2009 – Member (appointed), Graduate Student Admission Committee, VCU.

2008 – Present; Evaluator (appointed), Faculty Search Committee, VCU.

2008 – Chair (appointed), Instructor Search Committee, VCU.

2007 – Chair (appointed), Test Construction Technologies Committee, VCU.

PUBLICATIONS

Papers Published in Peer Reviewed Journals

1. **Dumenci, L.** (1995). The relation between the Structure of Temperament Questionnaire and other personality domains. *Educational and Psychological Measurement*, 55, 850-857.
2. **Dumenci, L.** (1995). Construct validity of the Self-Directed Search using hierarchically nested structural models. *Journal of Vocational Behavior*, 47, 21-34.
3. **Dumenci, L.** (1996). Factorial validity of scores on the Structure of Temperament Questionnaire. *Educational and Psychological Measurement*, 56, 487-493.
4. **Dumenci, L., & Windle, M.** (1996). A latent trait-state model of adolescent depression using the Center for Epidemiologic Studies-Depression Scale. *Multivariate Behavioral Research*, 31, 313-330.

5. Windle, M., & **Dumenci, L.** (1997). Parental and occupational stress as predictors of depression among dual-income couples: A multilevel modeling approach. *Journal of Marriage and the Family*, 59, 625-634.
6. **Dumenci, L.**, & Windle, M. (1998). A multitrait-multioccasion generalization of the latent trait-state model: Description and application. *Structural Equation Modeling*, 5, 391-410.
7. Windle, M., & **Dumenci, L.** (1998). An investigation of maternal and adolescent depressed mood using a latent trait-state model. *Journal of Research on Adolescence*, 8, 461-484.
8. Davies, P., **Dumenci, L.**, & Windle, M. (1999). The interplay between maternal depressive symptoms and marital distress in the prediction of adolescent adjustment. *Journal of Marriage and the Family*, 61, 238-254.
9. Windle, M., & **Dumenci, L.** (1999). The factorial structure and construct validity of the Psychopathy Checklist-Revised among alcoholic inpatients. *Structural Equation Modeling*, 6, 372-393.
10. Achenbach, T. M., & **Dumenci, L.** (2001). Advances in empirically based assessment: Revised cross-informant syndromes and new DSM-Oriented Scales for the CBCL, YSR, and TRF: Comment on Lengua, Sadowski, Friedrich, and Fisher (2001). *Journal of Clinical and Consulting Psychology*, 69, 699-702.
11. **Dumenci, L.** & Windle, M. (2001). Cluster analysis as a method of recovering types of intraindividual growth trajectories: A Monte Carlo study. *Multivariate Behavioral Research*, 36, 501-522.
12. Sullivan, G., **Dumenci, L.**, Burnam, A., & Koegel, P. (2001). Validation of the Brief Instrumental Functioning Scale in a homeless population. *Psychiatric Services*, 52, 1097-1099.
13. Achenbach, T. M., **Dumenci, L.**, & Rescorla, L. A. (2002a). Is American student behavior getting worse? Teacher ratings over an 18-year period. *School Psychology Review*, 31, 428-442.
14. Achenbach, T. M., **Dumenci, L.**, & Rescorla, L. A. (2002b). Ten-year comparisons of problems and competencies for national samples of youth: Self, parent, and teacher reports. *Journal of Emotional and Behavioral Disorders*, 10, 194-203.
15. Stanger, C., Kamon, J., **Dumenci, L.**, Higgins, S. T., Bickel, W. K., Grabowski, J., & Amass, L. (2002). Predictors of Internalizing and Externalizing problems among children of cocaine and opiate dependent parents. *Drug and Alcohol Dependence*, 66, 199-212.
16. Achenbach, T. M., **Dumenci, L.**, & Rescorla, L. A. (2003a). DSM-oriented and empirically based approaches to constructing scales from the same item pools. *Journal of Clinical Child and Adolescent Psychology*, 32, 328-340.
17. Achenbach, T. M., **Dumenci, L.**, & Rescorla, L. A. (2003b). Are American children's problems still getting worse? A 23-year comparison. *Journal of Abnormal Child Psychology*, 31, 1-11.
18. **Dumenci, L.**, Erol, N., Achenbach, T. M., & Simsek, Z. (2004). Measurement structure of the Turkish translation of the Child Behavior Checklist using confirmatory factor analytic approaches to validation of syndromal constructs. *Journal of Abnormal Child Psychology*, 32, 335-340.

19. **Dumenci, L.**, McConaughy, S. H., & Achenbach, T. M. (2004). A hierarchical three-factor model of inattention-hyperactivity-impulsivity derived from the Attention Problems Syndrome of the Teacher's Report Form. *School Psychology Review*, 33, 287-301.
20. Stanger, C., **Dumenci, L.**, Kamon, J., & Burstein, M. (2004). Parenting and children's externalizing problems in substance abusing families. *Journal of Clinical Child and Adolescent Psychology*, 33, 590-600.
21. Achenbach, T. M., Bernstein, A., & **Dumenci, L.** (2005a). DSM-Oriented Scales and statistically based syndromes for ages 18 to 59: Linking taxonomic paradigms to facilitate multitaxonomic approaches. *Journal of Personality Assessment*, 84, 49-63.
22. Achenbach, T. M., Bernstein, A., & **Dumenci, L.** (2005b). A Snark or a Boojum? Exploring multitaxonomic possibilities and building on Widiger's commentary. *Journal of Personality Assessment*, 84, 66-69.
23. Achenbach, T. M., Krukowski, R. A., & **Dumenci, L.**, Ivanova, M. Y. (2005). Assessment of adult psychopathology: Meta-analysis and implications of cross-informant correlations. *Psychological Bulletin*, 131, 361-382.
24. Burstein, M., Stanger, C., Kamon, J., & **Dumenci, L.** (2006). Parent psychopathology, parenting, and child internalizing problems in substance-abusing families. *Journal of Addictive Behaviors*, 20, 97-106.
25. Kamon, J. L., Stanger, C., Budney, A. J., & **Dumenci, L.** (2006). Relations between parent and adolescent problems among adolescents presenting for family-based marijuana abuse treatment. *Drug and Alcohol Dependence*, 85, 244-254.
26. Rescorla, L., Achenbach, T. M., Ginzburg, S., Ivanova, M., **Dumenci, L.**, Almqvist, F., Bathiche, M., Bilenberg, N., Bird, H., Domuta, A., Erol, N., Fombonne, E., Fonseca, A., Frigerio, A., Kanbayashi, Y., Lambert, M.C., Liu, X., Leung, P., Minaei, A., Roussos, A., Simsek, Z., Weintraub, S., Weisz, J., Wolanczyk, T., Zubrick, S.R., Zukauskienė, R., & Verhulst, F. (2007). Consistency of teacher-reported problems for students in 21 countries. *School Psychology Review*, 36, 91-110.
27. Rescorla, L.A., Achenbach, T.M., Ivanova, M.Y., **Dumenci, L.**, Almqvist, F., Bilenberg, N., Bird, H., Broberg, A., Dobrea, A., Dopfner, M., Erol, N., Forns, M., Hannesdottir, S., Kanbayashi, Y., Lambert, M.C., Leung, P., Mineai, A., Mulatu, M.S., Novik, T.S., Oh, K.J., Roussos, A., Sawyer, M., Simsek, Z., Steinhausen, H.C., Weintraub, S., Metzke, C.W., Wolanczyk, T., Zilber, N., Zukauskienė, R., & Verhulst, F. (2007). Epidemiologic comparisons of problems and positive qualities reported by adolescents in 24 countries. *Journal of Consulting and Clinical Psychology*, 75, 351-358.
28. Rescorla, L., Achenbach, T. M., Ivanova, M., **Dumenci, L.**, Almqvist, F., Bilenberg, N., Bird, H., Chen, W., Dobrea, A., Dopfner, F., Erol, N., Fombonne, E., Fonseca, A., Frigerio, A., Grietens, H., Honnesdottir, H., Kanbayashi, Y., Lambert, M., Larsson, B., Leung, P., Liu, X., Mineai, A., Mulatu, M.S., Novik, T.S., Oh, K.J., Roussos, A., Sawyer, M., Simsek, Z., Steinhausen, H.C., Weintraub, S., Weisz, J., Metzke, C.W., Wolanczyk, T., Yang, H.J., Zilber, N., Zukauskienė, R., & Verhulst, F. (2007). Behavioral and emotional problems

- reported by parents of children ages 6 to 16 in 31 societies. *Journal of Emotional and Behavioral Disorders*, 15, 130-142.
29. Ivanova, M.Y., Achenbach, T.M., **Dumenci, L.**, Rescorla, L.A. Almqvist, F., Weintraub, S., Bilenberg, N., Bird, H., Chen, W., Dobrean, A., Dopfner, F., Erol, N., Fombonne, E., Fonseca, A., Frigerio, A., Grietens, H., Honnesdottir, H., Kanbayashi, Y., Lambert, M., Larsson, B., Leung, P., Liu, X., Mineai, A., Mulatu, M.S., Novik, T.S., Oh, K.J., Roussos, A., Sawyer, M., Simsek, Z., Steinhausen, Metzke, C.W., Wolanczyk, T., Yang, H.J., Zilber, N., Zukauskiene, R., & Verhulst, F. (2007). Testing the 8-syndrome structure of the Child Behavior Checklist in 30 societies. *Journal of Clinical Child and Adolescent Psychology*, 36, 405-417.
 30. Ivanova, M.Y., Achenbach, T.M., Rescorla, L.A., **Dumenci, L.**, Almqvist, F., Bathiche, M., Bilenberg, N., Bird, H., Domuta, A., Erol, N., Fombonne, E., Fonseca, A., Frigerio, A., Kanbayashi, Y., Lambert, M.C., Leung, P., Liu, X., Minaei, A., Roussos, A., Simsek, Z., Weintraub, S., Wolanczyk, T., Zubrick, S.R., Zukauskiene, R., & Verhulst, F. (2007). Testing the Teacher's Report Form syndromes in 20 societies. *School Psychology Review*, 36, 468-483.
 31. Ivanova, M.Y., Achenbach, T.M., Rescorla, L.A., **Dumenci, L.**, Almqvist, F., Bilenberg, N., Bird, H., Broberg, A., Dobrean, A., Dopfner, M., Erol, N., Forns, M., Hannesdottir, S., Kanbayashi, Y., Lambert, M.C., Leung, P., Mineai, A., Mulatu, M.S., Novik, T.S., Oh, K.J., Roussos, A., Sawyer, M., Simsek, Z., Steinhausen, H.C., Weintraub, S., Metzke, C.W., Wolanczyk, T., Zilber, N., Zukauskiene, R., & Verhulst, F. (2007). The Generalizability of the Youth Self-Report syndrome structure in 23 societies. *Journal of Consulting and Clinical Psychology*, 75, 729-738.
 32. Rettew, D.C., Althoff, R.R., **Dumenci, L.**, Ayer, L., & Hudziak, J.J. (2008). Latent profiles of temperament and their relations to psychopathology and wellness. *Journal of the American Academy of Child and Adolescent Psychiatry*, 47, 273-281.
 33. **Dumenci, L.**, & Achenbach, T.M. (2008). Effects of estimation methods on making trait-level inferences from ordered categorical items for assessing psychopathology. *Psychological Assessment*, 20, 55-62.
 34. Siminoff, L.A., Marshall, H.M., **Dumenci, L.**, Bowen, G., Swaminathan, A., & Gordon, N. (2009). Communicating effectively about donation: An educational intervention to increase consent to donation. *Progress in Transplantation*, 19, 35-43.
 35. McConaughy, S.H., Ivanova, M.Y., Antshel, K., Eiraldi, R.B., & **Dumenci, L.** (2009). Standardized observational assessment of Attention Deficit/Hyperactivity Disorder combined and predominantly inattentive subtypes: II. Classroom observations. *School Psychology Review*, 38, 362-381.
 36. Rettew, D.C., Lynch, A.D., Achenbach, T.M., **Dumenci, L.**, & Ivanova, M.Y. (2009). Meta-analyses of agreement between diagnoses made from clinical evaluations and standardized diagnostic interviews. *International Journal of Methods in Psychiatric Research*, 18, 169-184.
 37. McConaughy, S.H., Harder, V.S., Anstel, K.M., Gordon, M., Eiraldi, R.B., & **Dumenci, L.** (2010). Incremental validity of standardized classroom and test

- session observations for predicting Attention Deficit/Hyperactivity Disorder. *Journal of Clinical Child & Adolescent Psychology*, 39, 650-666.
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113. Riddle, D.L. & **Dumenci, L.** (In Press, 2023). Limitations of minimal clinically important difference estimates and scientifically sound potential alternatives. *The Journal of Bone and Joint Surgery*.
114. Riddle, D.L. & **Dumenci, L.** (In Press, 2023). Letter to the editor commenting on “Prognostic factors of knee pain and function 12 months after total knee arthroplasty: A prospective cohort study of 798 patients.” *The Knee*.
115. Riddle, D.L. & **Dumenci, L.** (In Press, 2023). Perioperative opioid use and dosage trajectories vary depending on pain outcome classification and bodily pain in patients who catastrophize about their pain: A secondary analysis of a randomized trial in knee arthroplasty. *Journal of Pain*.
116. Riddle, D.L. & **Dumenci, L.** (Submitted 2023). Good versus poor pain outcome classification and appropriateness criteria.
117. Schroeder, K., **Dumenci, L.**, Day, S.E., Konty, K., Noll, J.G., Henry, K.A., Suglia, S.F., Wheeler, D.C., & Sarwer, D.B. (Submitted 2023). The association between neighborhood ACE index and body mass index among youth.
118. Riddle, D.L. & **Dumenci, L.** (Submitted 2023). Using two predictive models captures two types of poor outcomes in knee arthroplasty: A multisite longitudinal cohort study. *Arthritis & Rheumatology*.
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- papillomavirus (HPV) infection in United States adults. *Prevention Science*.
120. **Dumenci, L.** (Submitted 2023). Limited cancer health literacy rates and factors associated with cancer health literacy. *Psycho-Oncology*.
 121. Riddle, D.L. & **Dumenci, L.** (Submitted 2023). Head-to-head comparison of appropriate use criteria for knee arthroplasty: A multicenter cohort study. *Osteoarthritis and Cartilage*.
 122. Riddle, D.L. & **Dumenci, L.** (Submitted 2024). Lessons learned from the minimal clinically important difference literature also apply to high impact chronic pain measurement. *Journal of Pain*.

Books, Book Chapters and Monographs

1. **Dumenci, L.** (2000). Multitrait-multimethod analysis. In E. A. H. Tinsley & S. Brown (Eds.), *Handbook of Applied Multivariate Statistics and Mathematical Modeling* (pp. 583-611). San Diego: Academic Press.
2. Achenbach, T., **Dumenci, L.** & Rescorla, L. (2001). *Ratings of relations between DSM IV diagnostic categories and items of the CBCL/6-18, TRF, and YSR*. Burlington, VT: University of Vermont, Department of Psychiatry.
3. Achenbach, T., **Dumenci, L.** & Rescorla, L. (2003). *Ratings of relations between DSM IV diagnostic categories and items of the Adult Self-Report (ASR) and Adult Behavior Checklist (ABCL)*. Research Center for Children, Youth, and Families, Burlington, VT: Research Center for Children, Youth, and Families, University of Vermont, Department of Psychiatry.
4. **Dumenci, L.** (2003). Multitrait multimethod matrices. In R. Fernandez-Ballesteros (Ed.), *Encyclopedia of Psychological Assessment* (pp. 610-614). London: Sage.
5. Achenbach, T., **Dumenci, L.**, Newhouse P., & Rescorla, L. (2004). *Ratings of relations between DSM IV diagnostic categories and items of the Older Adult Self-Report (OASR) and Older Adult Behavior Checklist (ABCL)*. Research Center for Children, Youth, and Families, Burlington, VT: Research Center for Children, Youth, and Families, University of Vermont, Department of Psychiatry.
6. **Dumenci, L.** (2017). Health Literacy. In M. Allen (Ed.), *The SAGE Encyclopedia of Communication Research Methods* (pp. 645-648). London: Sage.

ADVISING AND MENTORING

Advising and Mentoring (Formal)

Mentor, M.S. Thesis Committee; A. Fesuhan; Department of Epidemiology and Biostatistics, TU; Spring 2024.

Mentor, MPH; M. Bartel; Department of Epidemiology and Biostatistics, TU; Spring 2021.

Member, Ph.D. Dissertation Committee; M. A. Rincon; Department of Social and Behavioral Health, TU; Spring 2023.

Faculty Mentor, F31; M. O'Fallon; Communication Sciences and Disorders, TU; Awarded, 2021-2024.

Mentor, M.S. Thesis Committee; P. Morgan; Department of Epidemiology and Biostatistics, TU; Spring 2021.

Faculty-Mentor, K01; B. Schuler, Social and Behavioral Sciences, TU; Awarded, 2021-2026.

Faculty-Mentor, K23; K. Schroeder, School of Nursing, TU; Awarded, 2020-2025.

Faculty-Mentor, K23; R. Alper, Communication Sciences and Disorders, TU; Awarded, 2020-2025.

Member, Ph.D. Dissertation Committee; P. D'Avanzo; Department of Social and Behavioral Health, TU; Spring 2021.

Member, Ph.D. Dissertation Committee; R. Algheryafi; Department of Physical Therapy, TU; Spring 2021.

Member, M.S. Thesis Committee; S. Andrieux; Department of Epidemiology and Biostatistics, TU; Summer 2019.

Member, Ph.D. Dissertation Committee; S. Davis; Department of Social and Behavioral Health, TU; Spring 2021.

Member, Ph.D. Dissertation Committee; D. Al-Sharif; Department of Physical Therapy, TU; Fall 2019.

Member, Ph.D. Dissertation Committee; E. Blackman; Department of Epidemiology and Biostatistics, TU; Fall 2019.

Member, Ph.D. Dissertation Committee; M. Al Hajji; Department of Social and Behavioral Health, TU; Fall 2019.

Member, Ph.D. Dissertation Committee; A. Bhimla; Department of Kinesiology, TU; Fall 2019.

Faculty-Mentor, K23; R. Alper, Communication Sciences and Disorders, TU; Awarded, 2020-2025.

Member, Ph.D. Dissertation Committee; M. Urbanski; Department of Social and Behavioral Sciences, TU; Fall 2019.

Member, Ph.D. Dissertation Committee; A. Casola; Department of Epidemiology and Biostatistics, TU; Fall 2018.

Faculty Mentor, F31; M. Urbanski; Department of Social and Behavioral Sciences, TU; Awarded, 2016-2019.

Mentor, M.S. Thesis Committee; B. Roberts; Department of Epidemiology and Biostatistics, TU; Fall 2018.

Mentor, MPH. Thesis Committee; L. Dabritz; Department of Epidemiology and Biostatistics, TU; Fall 2017.

Co-Mentor, Ph.D. Dissertation Committee; R. Nair; Department of Epidemiology and Biostatistics, TU; Summer 2017.

Co-Mentor, F31; K. Wiseman, Epidemiology, VCU; 2016-2018

Member, Dissertation Committee; K. Wiseman, Epidemiology, VCU; Spring 2015.

Member, Ph.D. Dissertation Committee; B. Galloway; Department of Social and Behavioral Health, VCU; Spring 2015.

Member, Ph.D. Dissertation Committee; A. Molisani; Department of Social and Behavioral Health, VCU; Fall 2015.

Member, Ph.D. Dissertation Committee; L. Cartwright; Department of Social and Behavioral Health, VCU; Fall 2015.

Member, Ph.D. Dissertation Committee; M. Laws; Department of Social and Behavioral Health, VCU; Fall 2015.

Member, Ph.D. Dissertation Committee; O. El Shahawy; Department of Social and Behavioral Health, VCU; Spring 2015.

Member, M.S. Thesis Committee; K. Young; Department of Human and Molecular Genetics, VCU; Spring, 2014.

Member, Ph.D. Dissertation Committee; J. Lamanna; Psychology, VCU; Fall 2014.

Chair, Dean's Representative, Oral Comprehensive Exam; Z. Gu; Department of Biostatistics, VCU; Fall 2014.

Member (appointed), Dissertation Committee; M. Lohman, Epidemiology, VCU; Spring, 2014

Member, Ph.D. Dissertation Committee; H. Morris; Department of Social and Behavioral Health, VCU; Spring 2014.

Member, M.S. Thesis Committee; C. Anderson; Department of Human and Molecular Genetics, VCU; Spring, 2014.

Member, Ph.D. Thesis Committee; C. Nicolais; Psychology, VCU; Spring 2014.

Member, Ph.D. Dissertation Committee; C. Barbosa; Department of Social and Behavioral Health, VCU; Fall 2014.

Member, Ph.D. Dissertation Committee; A. Rhodes; Department of Epidemiology and Community Health, VCU; Spring 2014.

Member, M.S. Thesis Committee; K. Curd; Department of Human and Molecular Genetics, VCU; Spring, 2014.

Member, Ph.D. Dissertation Committee; A. Palmberg; Psychology, VCU; Fall 2014.

Member, Ph.D. Dissertation Committee; C. Ren; Biostatistics, VCU; Spring 2014.

Member, M.S. Thesis Committee; A. DeMoss; Department of Human and Molecular Genetics, VCU; Spring, 2013.

Member, Ph.D. Dissertation Committee; D.V.V. Gopal; Department of Psychology, Andhra University, India; Spring, 2013.

Mentor, Postdoctoral Fellow, R.A..Perera; Department of Social and Behavioral Health, VCU; Summer 2011 – Spring 2014.

Member, Ph.D. Dissertation Committee; H. Morris; Department of Social and Behavioral Health, VCU; Spring 2014.

Member, Ph.D. Dissertation Committee; A. Shay; Department of Social and Behavioral Health, VCU; Spring 2013.

Member, Ph.D. Dissertation Committee; L. Kurland; Department of Social and Behavioral Health, VCU; Spring 2013.

Member, Ph.D. Dissertation Committee; L. Lockeman; School of Education: Research and Evaluation Track, VCU, Richmond, Virginia; Fall 2012 (expected).

Member, Ph.D. Dissertation Committee; R. Carrico; Department of Biostatistics, VCU, Richmond, Virginia; Spring 2012.

Member, M.S. Thesis Committee; K. Young; Department of Human and Molecular Genetics, VCU, Richmond, Virginia; Fall 2011.

Member, M.S. Thesis Committee; C. Anderson; Department of Human and Molecular Genetics, VCU, Richmond, Virginia; Spring 2011.

Member, Ph.D. Dissertation Committee; A. Watson; School of Education: Research and Evaluation Track, VCU; Fall 2011.

Chair, Dean's Representative, Oral Comprehensive Exam; A. Wilk; Department of Biostatistics, VCU; Fall 2011.

Mentor, MPH student; J. Palazzolo; Department of Social and Behavioral Health, VCU; Spring 2011.

Mentor, Visiting Scholar (Associate Professor), R. Cecen; Department of Psychological Counseling, Cukurova University, Adana, Turkey; Spring 2010.

Member, Ph.D. Dissertation Committee; P.D. Yates; Department of Biostatistics, VCU; Spring 2010.

Member, M.S. Thesis Committee; J.I. Sheehy; Department of Human and Molecular Genetics, VCU; Spring 2009.

Member, Ph.D. Dissertation Committee; D. Turkoglu; University of Vermont, Burlington, Vermont; Spring 2009.

Chair, Dean's Representative, Oral Comprehensive Exam; A.E. Ahmed; Department of Biostatistics, VCU; Fall 2008.

Member, Oral Comprehensive Exam Committee; P.D. Yates; Department of Biostatistics, VCU; Fall 2008.

Member, Ph.D. Dissertation Committee; K.V. Ramana; Department of Psychology, Andhra University, India; Fall 2007.

Mentor, Visiting Scholar (Assistant Professor), Z. Simsek; School of Public Health, Harran University, Urfa, Turkey; Fall 2006.

Chair, Ph.D. Dissertation Committee; M. Burstein; University of Vermont, Burlington, Vermont; Spring 2006.

Chair, Ph.D. Dissertation Committee; J.C. Suter; University of Vermont, Burlington, Vermont; Fall 2005.

Mentor, NIH/NIMH Postdoctoral Training; E. Leen, Ph.D.; Department of Psychology, University of Vermont, Burlington, Vermont; 2004 - 2006.

Member, Ph.D. Dissertation Committee; J.L. Kamon; Department of Psychology,
University of Vermont, Burlington, Vermont; Fall 2003.

Member, M.S. Thesis Committee; C. Sunsay; University of Vermont, Burlington,
Vermont; Spring 2001.