

July 2023

## CURRICULUM VITAE

### **PERSONAL INFORMATION**

Name: Levent Dumenci, Ph.D.

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

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Ritter Annex, 9<sup>th</sup> 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

1981-1985  
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 Chairperson, 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: Pain and physical function outcomes.

**AWARDS AND HONORS**

- 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 1<sup>st</sup> 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**

A Founding Member of the Editorial Board, *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 8<sup>th</sup> 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 8<sup>th</sup> 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 142<sup>nd</sup> Annual Meeting of American Public Health, New Orleans, Louisiana.
  - 35) Orr, C.A., Carlyle, K., & **Dumenci, L.** (2014, April). *The blame game: Examining attributions of culpability for domestic violence.* Poster presented at the 10<sup>th</sup> 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 14<sup>th</sup> 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 37<sup>th</sup> 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 22<sup>nd</sup> 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 14<sup>th</sup> 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 15<sup>th</sup> 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 15<sup>th</sup> The World Congress on Osteoarthritis, Toronto, Canada.
  - 56) Riddle, D.L., Keefe, F.J., Ang, D., Slover, J., 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 15<sup>th</sup> 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 12<sup>th</sup> European Public Health Conference, Marseille, France.
  - 61) Urbanski, M., **Dumenci, L.,** Gadegebeku, 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 16<sup>th</sup> 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 22<sup>nd</sup> 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 16<sup>th</sup> European Public Health Conference, Dublin, Ireland.

## **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: Masters Research in Public Health  
Department of Epidemiology and Biostatistics  
College of Public Health  
Temple University

Fall, 2017 - present

EPBI 9996-003: Masters 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

University of Arkansas for Medical Sciences

## **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: 1<sup>st</sup> 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., 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., 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., 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, 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, H.C., Metzke, C.W., Wolanczyk, T., Yang, H.J., Zilber, N., Zukauskienė, 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., Zukauskienė, 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., 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). 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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  103. Riddle, D.L., Hamilton, D.F., & **Dumenci, L.**, Beard, D.J. (2022). Response to letter from Oatis and colleagues, *Physical Therapy and Rehabilitation Journal*, 102, 1-2.
  104. Schroeder, K., **Dumenci, L.**, Sarwer, D.B., Noll, J.G., Henry, K.A., Suglia, S.F., & Wheeler, D.C. (2022). The intersection of neighborhood environment and adverse childhood experiences: Methods for creation of a neighborhood ACEs index, *International Journal of Environmental Research*, 19, 7819
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  107. Schuler, B.R., Vazquez, C.E., Kobulsky, J.M., & **Dumenci, L.** (2022). Adversity and child body mass index in fragile families over 15 years: Do type and timing matter? *SSM – Population Health*, 19, 101197.
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  109. Riddle, D.L. & **Dumenci, L.** (2022). The Patient Acceptable Symptom State versus latent classes outcome classification: A comparative longitudinal

- study of knee arthroplasty. *Arthritis Care and Research*, DOI 10.1002/acr.24962.
110. Riddle, D.L. & **Dumenci, L.** (2023). Letter to the Editor: There are Considerable Inconsistencies Among Minimum Clinically Important Differences in TKA: A Systematic Review. *Clinical Orthopaedics and Related Research*, 481, 841-842.
  111. Chin, S.M., Lepore, S.J., Collins, B.N., **Dumenci, L.**, & Rincon, M.A. (2023). Validation and Psychometric Properties of the Tobacco Urge Management Scale (TUMS). *International Journal of Environmental Research and Public Health*, 20, 5453.
  112. Riddle, D.L. & **Dumenci, L.** (In Press, 2023). A Latent Change Score Approach to Understanding Chronic Bodily Pain Outcomes Following Knee Arthroplasty: A Secondary Analysis of Longitudinal Data. *The Journal of Bone and Joint Surgery*.
  113. Riddle, D.L. & **Dumenci, L.** (Submitted 2023). Limitations of minimal clinically important difference estimates and scientifically sound potential alternatives. *The Journal of Bone and Joint Surgery*.
  114. Schroeder, K., **Dumenci, L.**, Sarwer, D.B., Noll, J.G., Henry, K.A., Suglia, S.F., & Wheeler, D.C. (Submitted 2023). The association between neighborhood environment, childhood adversity, and obesity among New York City Youth.
  115. Riddle, D.L. & **Dumenci, L.** (Submitted 2023). Perioperative Opioid Use and Dosage Trajectories Vary Depending on Good Versus Poor Pain Outcome Classification: A Secondary Analysis of Knee Arthroplasty. *Osteoarthritis and Cartilage*.
  116. Riddle, D.L. & **Dumenci, L.** (Submitted 2023). Good Versus Poor Pain Outcome Classification and appropriateness criteria.
  117. Riddle, D.L. & **Dumenci, L.** (Submitted 2023). Combining predictive models captures two types of poor outcomes in knee arthroplasty: A multisite longitudinal cohort study.

### **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, 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.