

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Levent Dumenci, Ph.D.

Title: Professor (tenured)
Department of Epidemiology & Biostatistics
Director, The Biostatistics Center
Director, Graduate Programs
Temple University
College of Public Health

Business Address: 1301 Cecil B Moore Avenue,
Ritter Annex, 9th Floor, Room 939
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

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

1981-1985
Hacettepe University
Ankara, Turkey
BS in Psychology

ACADEMIC APPOINTMENT HISTORY

Director, The Biostatistics Center, College of Public Health, Temple University, Philadelphia, Pennsylvania, July 2016 – present.

Director, Graduate Programs, Department of Epidemiology and Biostatistics, College of Public Health, Temple University, Philadelphia, Pennsylvania, July 2017 – June 2018.

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:

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

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

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

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

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 Ph.D. 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

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

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 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

Grants and Contracts: Completed

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 (no-cost extension through
January, 2015)

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%)

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., 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.** (2014, April). *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., 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., 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., 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., & 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) **Dumenci, L.**, Cartwright, L., & Siminoff, L.A. (2018). Explaining cancer health literacy as a function of patient characteristics. Poster presented at the 15th International Congress of Behavioral Medicine, Santiago, Chile.

CLASSROOM TEACHING

Formal University Courses

Spring, 2017 - present

EPBI 8202: 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 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

BIS 531: Clinical Epidemiology II (Fall 2007 - present)
Measurement and scale development
Department of Biostatistics
School of Medicine
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 - present)
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

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

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

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

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

Member (appointed), Dissertation Committee; K. Wiseman, Epidemiology, VCU, 2014

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

Member (appointed), Dissertation Committee; M. Laws, Social and Behavioral Health, VCU, 2014

Member (appointed), Dissertation Committee; A. Molisani, Social and Behavioral Health, VCU, 2014

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

Member (appointed), Dissertation Committee; C. Palmberg, Psychology, VCU, 2012

Member (appointed), Dissertation Committee; C. Ren, Biostatistics, VCU, 2012

Member (appointed), Dissertation Committee; H.L. Morris, 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), Dissertation Committee; L. Kurland, Social and Behavioral Health, VCU, 2011

Member (appointed), Dissertation Committee; A. Shay, Social and Behavioral Health, VCU, 2011

Member (appointed), Dissertation Committee; K. Lockeman, Education: Research and Evaluation Track, VCU, 2011

Member (appointed), Thesis Committee; K. Young, Human and Molecular Genetics, VCU, 2011

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

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

Member (appointed), Thesis Committee; C. Anderson, Human and Molecular Genetics, VCU, 2010

Member (appointed), Dissertation Committee; A. Rhodes, Epidemiology and Community Health, VCU, 2010

Member (appointed), Dissertation Committee; R. Carrico, Biostatistics, VCU, 2010

Member (appointed), Dissertation Committee; A. Watson, Education: Research and Evaluation Track, VCU, 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

Member (appointed), Master's Thesis Committee; J. Sheely, Genetic Counseling, VCU, 2008

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

Service to the Department

2017 – 2018, Graduate Program Director (appointed), 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) – Interim 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.** (1995a). The relation between the Structure of Temperament Questionnaire and other personality domains. *Educational and Psychological Measurement, 55*, 850-857.
2. **Dumenci, L.** (1995b). 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., Fornis, 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, 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., 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). 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.
38. Brigidi, B.D., Achenbach, T.M., **Dumenci, L.**, & Newhouse, P.A. (2010). Broad spectrum assessment of psychopathology and adaptive functioning with the Older Adult Behavior Checklist: A validation and diagnostic discrimination study. *International Journal of Geriatric Psychiatry, 25*, 1177-1185.
39. Wade, J., Riddle, D.L., Price, D.D., **Dumenci, L.** (2011). Role of pain catastrophizing during pain processing in a cohort of patients with chronic and severe arthritic knee pain. *Pain, 152*, 314-319.
40. Taxman, F.S., Rhodes, A.G., & **Dumenci, L.** (2011). Construct and predictive validity of criminal thinking scales. *Criminal Justice and Behavior, 38*, 174-187.
41. Siminoff, L.A., Rogers, H.L., MD. Thomson, M.D., **Dumenci, L.**, & Harris-Haywood, S. (2011). Doctor, what's wrong with me? Factors that delay the diagnosis of colorectal cancer. *Patient Education and Counseling, 84*, 352-358.
42. **Dumenci, L.** (2011). The Psychometric Latent Agreement Model (PLAM) for discrete latent variables measured by multiple items. *Organizational Research Methods, 14*, 91-115.
43. **Dumenci, L.**, Achenbach, T.M., Windle, M. (2011). Measuring context-specific

- and cross-contextual components of hierarchical constructs. *Journal of Psychopathology and Behavioral Assessment*, 33, 3-10.
44. **Dumenci, L.** & Yates, P.D. (2012). Nonconvergence/improper solution problems with the correlated-trait correlated-method parameterization of a multitrait-multimethod matrix. *Educational and Psychological Measurement*, 72, 800-807.
 45. Mackey, S., Carroll, I., Emir, B., Murphy, T.K., Whalen, E., **Dumenci, L.** (2012). Sensory pain qualities in neuropathic pain. *The Journal of Pain*, 13, 58-63.
 46. Burstein, M., Stanger, C., & **Dumenci, L.** (2012). Relations between parent psychopathology, family functioning, and adolescent problems in substance-abusing families: Disaggregating the effects of parent gender. *Child Psychiatry and Human Development*, 43, 631-647.
 47. Lane, S.J., Reynolds, S., & **Dumenci, L.** (2012). Sensory over-responsivity and anxiety in typical children and children with autism and attention deficit hyperactivity disorder: Cause or co-existence? *The American Journal of Occupational Therapy*, 66, 595-603.
 48. Shay, A.L., **Dumenci, L.**, Siminoff, L.A., Flocke, S.A., & Lafata, J.E. (2012). Factors associated with patient reports of positive physician relational communication. *Patient Education and Counseling*, 89, 96-101.
 49. Riddle, D.L., Keefe, F.J., Ang, D., Saleh, K.J., **Dumenci, L.**, Jensen, M.P., Bair, M.A., Reed, S.D., & Kroenke, K. (2012). A phase III randomized three-arm trial of physical therapist delivered pain coping skills training for patients with total knee arthroplasty: The KASTPain protocol. *BMC Musculoskeletal Disorders*, 13: 149.
 50. Riddle, D.L., & **Dumenci, L.** (2013). Self-rated health and symptomatic knee osteoarthritis over three years: Data from the Osteoarthritis Initiative. *Arthritis Care & Research*, 65, 169-176.
 51. Riddle, D.L., Moxley, G., & **Dumenci, L.** (2013). Associations between statin use and changes in pain, function and structural progression: A longitudinal study of persons with knee osteoarthritis. *The Annals of the Rheumatic Diseases*, 72, 196-203.
 52. Mehrotra, P., Zimmerman, R.S., Noar, S.M., **Dumenci, L.** (2013). A test of an adopted multiple domain model in predicting sexual behavior among unmarried young adults in India. *Journal of Sex Research*, 50, 116-127.
 53. Riddle, D.L., Moxley, G., & **Dumenci, L.** (2013). Response to comments in: Statin use is associated with reduced incidence and progression of knee osteoarthritis in the Rotterdam study by Clockaerts et al. *The Annals of the Rheumatic Diseases*, 72, e12.
 54. Elston-Lafata, J., Morris, H.L., Dobie, E., Heisler, M., Werner, R.M., & **Dumenci, L.** (2013). Patient-reported use of collaborative goal setting and glycemic control among patients with diabetes. *Patient Education and Counseling*, 92, 94-99.
 55. **Dumenci, L.**, Matsuyama, R.K., Kuhn, L., Perera, R.A., & Siminoff, L.A. (2013). On the Validity of the Rapid Estimate of Adult Literacy in Medicine (REALM) Scale as a Measure of Health Literacy. *Communication Methods and Measures*, 7, 134-143.
 56. Riddle, D.L., Perera, R.A., Stratford, P.W., Jiranek, W.A., & **Dumenci, L.** (2013). Progressing toward and recovering from knee replacement surgery: A 5-year

- cohort study. *Arthritis & Rheumatism*, 65, 3304-3313.
57. Mezuk, B., Lohman, M., **Dumenci, L.**, & Lapane, K.L. (2013). Are depression and frailty overlapping syndromes in mid- and late-life? A latent variable analysis. *The American Journal of Geriatric Psychiatry*, 21, 560-569.
 58. Lohman, M., Mezuk, B., & **Dumenci, L.** (2014). Sex Differences in the Construct Overlap of Frailty and Depression: Evidence from the Health and Retirement Study. *Journal of the American Geriatrics Society*, 62, 500-505.
 59. Cartwright, L.A., **Dumenci, L.**, Siminoff, L.A., & Matsuyama, R. (2014). Cancer patient's understanding of prognostic information. *Journal of Cancer Education*, 29, 311-317.
 60. Siminoff, L.A., Thomson, M.D., **Dumenci, L.** (2014). Factors associated with delayed patient appraisal of colorectal cancer symptoms. *Psycho-Oncology*, 23, 981-988.
 61. **Dumenci, L.**, Matsuyama, R.K., Riddle, D.L., Cartwright, L., Perera, R.A., Chung, H., & Siminoff, L.A. (2014). Measurement of cancer health literacy and identification of patients with limited cancer health literacy. *Journal of Health Communication*, 19, 205-224.
 62. Liu, H., Xu, Y., Sun, Y., & **Dumenci, L.** (2014). Measuring HIV stigma at the family level: Psychometric assessment of the Chinese Courtesy Stigma Scales (CCSSs). *PLoS ONE*, 9, 1-7.
 63. Molisani, A., **Dumenci, L.**, & Matsuyama, R.K. (2014). Influences of patient sociodemographics on cancer information received through the first nine months of treatment. *Journal of Cancer Education*, 29, 155-166.
 64. Riddle, D.L., Perera, R.A., Jiranek, W.A., **Dumenci, L.** (2015). Using surgical appropriateness criteria to examine outcomes of total knee arthroplasty in a United States sample. *Arthritis Care & Research*, 67, 349-357.
 65. Riddle, D.L., Perera, R.A., **Dumenci, L.** (2015). Growth Mixture Models and Knee Arthroplasty Outcomes. *Pain*, 156, 1171-1172.
 66. Riddle, D.L., & **Dumenci, L.** (2015). Modeling longitudinal osteoarthritis data to identify homogeneous subgroups: Opportunities and challenges in a burgeoning literature. *Osteoarthritis and Cartilage*, 23, 1035-1037.
 67. Riddle, D.L., Perera, R.A., Nay, W.T., **Dumenci, L.** (2015). What is the relationship between depressive symptoms and pain during functional tasks in patients with TKA: A 6-year perioperative cohort study. *Clinical Orthopaedics and Related Research*, 473, 3527-3534.
 68. Ulbricht, C.M., **Dumenci, L.**, Rothschild, A.J., & Lapane, K.L. (2016). Changes in depression subtypes for women during treatment with citalopram: A latent transition analysis. *Achieves of Women's Mental Health*, 19, 769-778.
 69. Lohman, M., Mezuk, B., & **Dumenci, L.** (2016). Depression and frailty in late life: Evidence for a common vulnerability. *Journal of Gerontology: Psychological Sciences*, 71, 630-640.
 70. Liu, H., **Dumenci, L.**, Morisky, D.E., Xu, Y., Li, X., & Jiang, B. (2016). Syphilis among middle-age female sex workers in China: A three-site cross-sectional study. *BMJ Open*, 6, e010420.
 71. Siminoff, L.A., Wilson-Genderson, M., Barker, L., **Dumenci, L.**, Traino, H.M., Mosavel, M., Trigena, J., Hasz, R.D., Nathan, H.M., & Walters, G. (2016). Impact

- of cognitive load on family decision maker recall and understanding of biobanking donation requests. *Journal of Clinical Ethics*.
72. Dyer, K.E., **Dumenci, L.**, Siminoff, L.A., Thomson, M., & Lafata, J.E. (2017). The contribution of body mass index to appraisal delay in colorectal cancer diagnosis: A structural equation modeling study. *British Journal of Cancer*, *116*, 1638-1642.
 73. Morris, H.L., **Dumenci, L.**, & Lafata, J.E. (2017). Development and validation of an instrument to measure collaborative goal setting in the care of patients with diabetes. *BMJ Open Diabetes Research & Care*, *5*, e000269.
 74. Cartwright, L.A., **Dumenci, L.**, Cassel, J.B., Thomson, M.D., & Matsuyama, R.K. (2017). Health literacy is an independent predictor of cancer patients' hospitalization. *Health Literacy Research and Practice*, *4*, e153-e162.
 75. Riddle, D.L., Slover, J., Ang, D., Perera, R., & **Dumenci, L.** (2017). Construct validation and correlates of preoperative expectations of postsurgical recovery in persons undergoing knee replacement: Baseline findings from a randomized clinical trial. *Health and Quality of Life Outcomes*, *12*: 232.
 76. Lohman, M., Mezuk, B., & **Dumenci, L.** (2017). Depression and frailty: Concurrent risks for adverse outcomes. *Aging and Mental Health*, *21*, 399-408.
 77. Riddle, D.L., Ghomrawi, H., Jiranek, W., D., **Dumenci, L.**, Perera, R., & Escobar, A. (2018). Appropriateness criteria and total knee arthroplasty: Additional comments and considerations. *The Journal of Bone & Joint Surgery*, *e(22)*, 1-7.
 78. Riddle, D.L., Jensen, M.P., Ang, D., D., Slover, J., Perera, R., & **Dumenci, L.** (2018). Do pain coping and pain beliefs associate with outcome measures before knee arthroplasty in patients who catastrophize about pain? A cross-sectional analysis from a randomized clinical trial. *Clinical Orthopaedics and Related Research*, *476*, 778-786.
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 81. Riddle, D., Slover, J., And, D., Perera, R., & **Dumenci, L.** (2018). Characterizing pain catastrophizing phenotype in knee arthroplasty. *Journal of the American Academy of Orthopaedic Surgeons*.
 82. Rogers, H., **Dumenci, L.**, Siminoff, L.A. (2018). Impact of patient race, gender, and communication on colorectal cancer diagnostic visits in primary care. *Social Science & Medicine*.
 83. Riddle, D.L., Jensen, M.P., Ang, D., Slover, J., Perera, R., & **Dumenci, L.** (2018). Does coping pain and pain beliefs associate with outcome measures prior to knee arthroplasty in patients who characterize about their pain: Cross sectional analysis from a randomized clinical trial. *Clinical Orthopaedics and Related Research*.
 84. **Dumenci, L.**, Matsuyama, R.K., Riddle, D.L., Cartwright, L., & Siminoff, L.A.

- (2018). Validation of Cancer Health Literacy Test – 30 (CHLT-30) in non-cancer populations. *Health Literacy Research and Practice*.
85. Riddle, D.L., Slover, J., Ang, D., Bair, M.J., Kroenke, K., Perera, R., & **Dumenci, L.** (2018). Opioid use prior to knee arthroplasty in patients who catastrophize about their pain: Preoperative data from a multi-site randomized clinical trial. *Journal of Pain Research*.
86. Riddle, D.L., Keefe, F.J., Ang, D., Slover, J., Jensen, M.P., Bair, M.J., Kroenke, K., Perera, R., McKee, D., & **Dumenci, L.** (2018). Pain coping skills training for patients who catastrophize about their pain prior to arthroplasty: A multisite randomized clinical trial. *The Journal of Bone & Joint Surgery*.
87. **Dumenci, L.**, Perera, R., Keefe, F.J., Ang, D., Slover, J., Jensen, M.P., & Riddle, D.L. (submitted). Model-based pain and function outcome trajectory types for patients undergoing knee arthroplasty: A secondary analysis from a randomized clinical trial.

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. **Dumenci, L.** (2003). Multitrait multimethod matrices. In R. Fernandez-Ballesteros (Ed.), *Encyclopedia of Psychological Assessment* (pp. 610-614). London: Sage.
4. **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)

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

Faculty-Mentor, K23; J. Alper, Communication Sciences and Disorders, TU; Submitted, 2018.

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.

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; Development of Bilingual Adolescent Adjustment Inventory; Department of Psychology, Andhra University, India; Spring, 2013.

Mentor, Postdoctoral Fellow, R. 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; A Needs Assessment to Evaluate Health Care Professionals' Attitudes toward Perinatal Palliative Care; Department of Human and Molecular Genetics, VCU; Spring 2009.

Member, Ph.D. Dissertation Committee; D. Turkoglu; Reliability of Behavioral Ratings in Multiple Settings; Department of Psychology, 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; Emotional and Behavioural Problems of School Children: Adaptation of ASEBA School-Age Forms; 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; Parent Psychopathology and Family Functioning as Predictors of Child Psychopathology and Substance Use in Substance-Abusing Families; Department of Psychology, University of Vermont, Burlington, Vermont; Spring 2006.

Chair, Ph.D. Dissertation Committee; J.C. Suter; Structure of Wraparound: Confirmatory Factor Analysis of the Wraparound Fidelity Index; Department of Psychology, 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; Predictors of Overt and Covert Externalizing Behaviors Among Children for Drug Dependent Parents; Department of Psychology, University of Vermont, Burlington, Vermont; Fall 2003.

Member, M.S. Thesis Committee; C. Sunsay; The Role of Frustration and Trail Density on Context Switch Effects in Appetitive Pavlovian Conditioning; Department of Psychology, University of Vermont, Burlington, Vermont; Spring 2001.