

CURRICULUM VITAE

MARIA ELIZABETH PAGANO PH.D.

SPRING 2016

PERSONAL INFORMATION

Contact Information

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Researchgate: http://www.researchgate.net/profile/Maria_Pagano
Linkedin: <https://www.linkedin.com/pub/maria-e-pagano-phd>

Research website: <http://www.helpingotherslivesober.org>

Other Affiliations: <http://schubert.case.edu/about-us/faculty-associates/maria-pagano>
<http://www.cwrupsychiatry.org/training/fellowships/addiction-psychiatry>
<http://casemed.case.edu/cfar/about/membership.cfm>
<http://arsh.nova.edu/people/forms/maria-pagano-cv.pdf>

Education

1988-1992 *Bachelor of Arts (cum laude)*, Child Development, Tufts University

1988-1992 *Bachelor of Arts (cum laude)*, Art History, Tufts University

1992-1994 *Master of Education*, Human Development and Psychology, Harvard University

1996-2000 *Doctor of Philosophy*, Human Development Social Policy, Northwestern University

2011-2013 *Master of Science*, Epidemiology and Biostatistics, Case Western Reserve University

Ph.D. Thesis

Title: Non-Parental Social Support and the Well-Being of Minority Youth
Thesis Committee: Barton Hirsch, PhD (Chair), Greg Duncan, PhD, P. Lindsay Chase-Lansdale, PhD

PROFESSIONAL APPOINTMENTS (recent to oldest)

2010-present Associate Professor, Case Western Reserve University (CWRU) School of Medicine (SOM), Department of Psychiatry, Division of Child Psychiatry, Cleveland, OH

2010-present Associate Professor (Adjunct), Brown University SOM, Department of Psychiatry and Human Behavior (DPHB), Providence, RI

2015-present Associate Professor (Adjunct), CWRU Frances Payne School of Nursing, Cleveland

2013-present Associate Faculty, NOVA Southeastern University, Center for Applied Research on Substance Use and Health Disparities, Miami, FL

2013-present Associate Faculty, CWRU, Schubert Center for Child Studies, Cleveland, OH

2013-present Research Fellow, Baylor University, Program on Prosocial Studies, Waco, TX

2012-present Associate Faculty, CWRU, Center for Aids Research, Cleveland, OH

2008-present Research Training Director, Addiction Psychiatry Fellowship, CWRU SOM, Department of Psychiatry, Cleveland, OH

2005-2010 Assistant Professor, CWRU SOM, Department of Psychiatry, Division of Child Psychiatry, Cleveland, OH

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2005-2010	Assistant Professor (Adjunct), Brown University, DPHB, Providence, RI
2005-2007	Alcohol Medical Scholar, University of California San Diego, Psychiatry Department
2000-2001	Instructor, University of Rhode Island, Department of Psychology, Kingston, RI
2000-2001	Assistant Professor (Research), Harvard University SOM, Department of Psychiatry, Division of Child Psychiatry, Boston, MA
1994-1997	Associate Research Staff, Harvard University SOM, Department of Psychiatry, Division of Child Psychiatry, Boston, MA
1992-1994	Associate Research Staff, McLean Hospital, Laboratory of Developmental Psychology and Psychopathology, Belmont, MA
1992-1994	Counselor, Massachusetts Depression and Anxiety Treatment Services, Boston, MA

CERTIFICATES AND LICENSURES

2008-present	Counselor III (081041), Department of Mental Health & Addiction Services, OH
2008-present	International Certification & Reciprocity Consortium Alcohol & Drug Counselor
1997-2000	Certificate in Women's Studies, Northwestern University, IL
1997-2000	Counselor III (112142), Allied Board of Mental Health Professionals, MA

HONORS, AWARDS AND FELLOWSHIPS

2014	CWRU Perry Award Nominee for Distinguished Teaching and Professional Writing
2013	First place prize, All-Ohio Institute on Community Psychiatry
2012	Medical Research Award, Ohio Psychiatric Physicians Association
2010	Outstanding Poster Award, Neurological Institute Research Day
2008	Best Medical Scientific Abstract, American Society of Addiction Medicine
2007	Senior Scholar, Alcohol Medical Scholars Program
2006	Second place prize, CWRU Research Showcase
2005	Junior Faculty Research Award, CWRU, Department of Psychiatry
2003	Junior Investigator Award, Brown University, DPHB
2000	Graduate Fellowship, Institute for Poverty Research, Northwestern University
1993	Harvard University Scholarship
1991	Tufts University Scholarship

MEMBERSHIP IN PROFESSIONAL SOCIETIES

2015-present	Member, American Psychological Association, Divisions 50 (Addiction Psychology)
2011-present	Member, College of Problems of Drug Dependence
2010-present	Member, Psychological Science Association
2008-present	Member, NIH Ambassador LRP Network
2002-present	Member, Research Society on Alcoholism
2000-present	Member, American Psychological Association
1997-2000	Member, Society for Research in Child Development

PROFESSIONAL SERVICES

Referee for Journals

1. Acta Psychiatrica Scandinavica
2. Addiction

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3. Alcoholism: Clinical and Experimental Research
4. Alcoholism Treatment Quarterly – Associate Editor
5. American Journal of Addictions
6. BMC Psychiatry
7. Child: Care, Health & Development
8. Journal of Addiction
9. Journal of Child Psychology & Psychiatry
10. Journal of Clinical Psychiatry
11. Journal of Psychiatric Practice
12. Journal of Studies on Alcohol and Drugs
13. Journal of Substance Abuse Treatment
14. Psychiatric Research

Study Sections/Grant Review Committees

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|------|---|
| 2011 | Reviewer, American Foundation for Addiction Research |
| 2010 | Reviewer, John Templeton Foundation, Specialty Panel Review |
| 2009 | Reviewer, NIAAA Specialty Emphasis Panel, ZAA1 GG (03) M |
| 2008 | Reviewer, NIMH Specialty Emphasis Panel, ZMH1 ERB-I |
| 2006 | Reviewer, NIDA Special Emphasis Panel, ZDA1-MXO-O-20 |

COMMITTEE SERVICE

National/International

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|--------------|--|
| 2014-present | DSMB Committee Member, R01 HL119977-01A1, Fresco (PI) |
| 2013-2014 | Advisory Committee, Ohio Association of Alcoholism & Drug Addiction Counselors |
| 2012-2013 | Advisor, Targeted Capacity Expansion-Peer-to-Peer, Department of Health & Human Services |
| 2011-2012 | Advisory Committee Member, National Association for Alcoholism and Drug Abuse Counselors |
| 2010-2011 | Scientific Advisor, Special Addiction Research Committee, SAMSHA |
| 2007-2010 | Advisor, Treatment Outcomes Committee, New Directions Residential Treatment |

Hospital Affiliate

- | | |
|--------------|---|
| 2007-present | Addiction Psychiatry Research Training Director, University Hospitals Case Medical Center, OH |
| 2001-2005 | Director, Butler Hospital, Information Sciences Unit, DPHB, RI |
| 1994-1997 | Medical Staff, Massachusetts General Hospital, Psychological Assessment Unit, MA |
| 1992-1994 | Medical Staff, McLean Hospital, Child and Adolescent Inpatient Unit, MA |

Educational Committees

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|--------------|---|
| 2010-2012 | Addiction Research Interest Committee, CWRU School of Medicine |
| 2008-present | Addiction Psychiatry Residency Training Committee, CWRU Department of Psychiatry |
| 2007-present | Clinical Research Protocol Review Committee, CWRU Department of Psychiatry |
| 2006-2009 | Residency Education Committee, CWRU Department of Psychiatry |
| 2001-2005 | Executive Committee, Brown University Department of Psychiatry and Human Behavior |

TEACHING ACTIVITIES

Curriculum/Course Development

1. Developed new rotation in Adolescent Addiction, Addiction Psychiatry Program
2. Developed year-long seminar in applied research, Addiction Psychiatry Program

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3. Expanded curriculum for Quality Improvement project, Child Psychiatry Residency Program

Teaching/Courses

- Course Name: *Directed Research Studies*, CWRU Addiction Psychiatry Residency
Description: This is a year-long seminar designed to familiarize Addiction Psychiatry Fellows in applied research, conducting literature reviews, critical review of empirical investigations, becoming an expert on a topic of choice, and presenting original research findings on this topic at local and national conferences.
Contact Hours: 25 hours per student per semester, 11 students
Years Taught: 2008-present
- Course Name: *Medical Student Research Block*, CWRU School of Medicine
Description: This is a project-based independent study required in the 3rd year medical students. <http://casemed.case.edu/msrpublic/SearchResearchInterest.aspx>
Contact Hours: 25 hours per student per semester, 5 students
Years Taught: Fall 2007, Spring 2008, Spring 2012, Fall 2013, Spring 2014
- Course Name: *Undergraduate Student Capstone Project*, CWRU School of Social Sciences
Description: This is a project-based independent study within the Bachelors in Psychology program.
Contact Hours: 25 hours per student per semester, 2 students
Years Taught: Fall 2009, Spring 2010, Fall 2013, Spring 2014
- Course Name: *Graduate Student Capstone Project*, CWRU School of Medicine
Description: This is a project-based independent study within the Masters in Public Health program.
Contact Hours: 25 hours per student per semester, 2 students
Years Taught: Fall 2014
- Course Name: *Independent Study in Bioethics*, CWRU School of Medicine
Description: This is a project-based independent study within the Masters in Bioethics program.
Contact Hours: 25 hours per student per semester, 2 students
Years Taught: Fall 2011, Spring 2012, Fall 2012, Spring 2013
- Course Name: *Advanced Statistics*, Alcohol and Addiction Training Program, Brown University
Description: This course covers topics in advanced statistics, including longitudinal data analysis, structural equation modeling, factor analysis, and interrupted time-series analysis.
Contact Hours: 37.5 per semester, 45 students
Years Taught: Fall 2004, Spring 2005
- Course Name: *Hierarchical Linear Regression*, DPHB, Brown University
Description: This course introduces students to random and fixed effects regression analysis as applied to continuous and binary outcomes. Topics include analysis of variance, multiple linear regression, nonlinear regression, logistic regression, and poisson regression. Emphasis is on practical aspects of model construction, model checking, and model prediction.
Contact Hours: 37.5 per semester, 45 students
Years Taught: Fall 2003, Spring 2004
- Course Name: *Introduction to Child Development*, Department of Psychology, University of RI
Description: This course covers the major cognitive, physiological, emotional, and social changes that occur from infancy through adolescence. Topics include social cognition, children and their families, and moral development.
Contact Hours: 37.5 per semester, 50 students
Years Taught: Fall 2001
- Course Name: *Research Methods in Psychology*, Department of Psychology, University of RI
Description: This course prepares students to design, conduct, and assess health interventions and program evaluation. Topics include randomization, non-experimental designs, sampling, monitoring, adverse event reporting, and data collection.
Contact Hours: 37.5 per semester, 50 students
Years Taught: Spring 2001

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Course Name: *Introduction to Statistics*, Department of Psychology, University of Rhode Island
Description: This course introduces students to quantitative methods used in the behavioral sciences. Topics include basic probability theory, random variables, and distribution functions.
Contact Hours: 37.5 per semester, 50 students
Years Taught: Fall 2000

Invited Presentations/Guest Lectures

- 2016 *Sanctioning 12-step Service*. Presentation at Miami-Dade Municipal Drug Court, Miami, FL.
- 2015 *Alcoholics Anonymous and the Alcoholism Field*. Keynote Scholar presentation at the 80th International Convention of Alcoholics Anonymous, July, Atlanta, GA.
- 2015 *Risk Factors of Repeated Infectious Disease Incidence*. Paper presentation at the 12th Hawaii International Training Summit on Trauma, April, Honolulu, HI.
- 2015 *Serious Mental Illness Among Young Adult Women in Miami's Club Scene*, with S. Kurtz. Paper presentation at 6th World Congress on Women's Mental Health, March, Tokyo, Japan.
- 2014 *Benefits of AA-Related Helping*. Paper presentation at the Center for Medical Humanities, Compassionate Care, and Bioethics, Stonybrook University, January, Long Island, NY.
- 2014 *Helping Substance Dependent Youth with Social Phobia Through Service*, with B. Johnson. Paper presentation at the American Society of Criminology, November, San Francisco, CA.
- 2013 *Peer-Helping During Treatment*. Paper presentation at the University of Minnesota Medical Center, December, St. Paul, MN.
- 2012 *Helper Therapy Principle in Alcoholics Anonymous*. Paper presentation at the Center for Child Studies, University of Berkeley, January, Berkeley, CA.
- 2012 *The 10-Year Course of AA participation*. Paper presentation at the Center for Advanced Studies in the Behavioral Sciences, February, Palo Alto, CA
- 2011 *Adolescent Service Participation: Potential Application in the Judicial System Facilitating Offender Reentry to Reduce Recidivism*. Presentation at the ADAHMS Board, Cleveland, OH.
- 2011 *Service to Others in Sobriety*. Paper presentation at Kaiser Permanente, February, Santa Clara, CA.
- 2010 *Health Benefits From Helping Others*. Invited Grand Rounds, Department of Psychiatry, NYU School of Medicine, May, New York, NY.
- 2010 *Pre-teen Marijuana Use: Harmless or Harmful*, with Y. Mahfoud, C. Delos-Reyes, S. Johnson. Paper presentation at the 41st annual meeting of American Society of Addiction Medicine (ASAM), April, San Francisco, CA.
- 2009 *The Helper Therapy Principle*. Grand Rounds, Department of Psychiatry, CWRU School of Medicine, January, Cleveland, OH.
- 2009 *Effect of Dose on Two Year Retention in an Office-Based Treatment Program*, with T. Parran, C. Adelman. Paper presentation at 40th annual meeting of ASAM, April, New Orleans, LA.
- 2009 *Stressful Life Events and Eating Disorder Relapse*, with C. Grilo. Paper presentation at 17th European Congress of Psychiatry, January, Lisbon, Portugal.
- 2008 *Impact of Stressful Life Events on Alcohol Relapse*, with C. Delos-Reyes, R. Ronis, A. Skodol. Paper presentation at the 39th annual meeting of ASAM, April, Toronto, Canada.
- 2008 *Urban Community Office-Based Opiate Maintenance Therapy with Sublingual Buprenorphine*, with T. Parran, B. Merkin, R. Defranco, C. Adelman. Paper presentation at the 39th annual meeting of ASAM, April, Toronto, Canada. Best medical abstract award.
- 2007 *Increasing Understanding of Smoking Cessation among Alcoholics in Treatment*, with K. Friend. Paper presentation at the National Conference on Tobacco or Health, October, Minneapolis, MN.
- 2007 *Predictors of PTSD course*, with K. Maki, M. Keller. Paper presentation at 27th annual meeting of Anxiety & Depression Association of America (ADAA), March, St. Louis, MO.
- 2006 *Mutual-Aid During Treatment*. Invited Grand Rounds, Department of Psychiatry, Boston Medical Center, February, Boston, MA.

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- 2004 *Panic Disorder and Life Stress*, with K. Maki, S. Bruce, M. Keller. Paper presentation at the 24th annual convention of ADAA, March, Miami, FL.
- 2004 *Generalized Anxiety Disorder and Stressful Life Events*, with J. Francis, M. Keller. Paper presentation at the 24th annual convention of ADAA, March, Miami, FL.
- 2003 *Mental Health Treatments Received by Primary Care Patients with Social Anxiety Disorder*, with K. Maki, M. Keller. Paper presentation at 23rd annual meeting of ADAA, March, Toronto, Canada.
- 2003 *Quality of Life and Psychosocial Functioning in Body Dysmorphic Disorder*, with K. Phillips. Paper presented at the 6th International OCD Conference, November, Lanzarote, Spain.
- 2003 *Stressful Life Events as Predictors of Functioning*, with A. Skodol, M. Shea, S. Yen. Paper presentation at the 8th meeting of the International Society for the Study of Personality Disorders (ISSPD), October, Florence, Italy.
- 2003 *Influence of Stressful Life Events in Recurrence of Panic Disorder*, with K. Maki, R. Weisberg, M. Keller. Paper presentation at the annual convention of the Advancement of Behavior Therapy (AABT), November, Boston, MA.
- 2003 *Effects of Personality Disorders on Functioning and Well-Being in Major Depression*, with A. Skodol. Paper presentation at the 156th annual meeting of the American Psychological Association, May, San Francisco, CA.
- 2002 *Stability of Functional Impairment with Personality Disorders*, with A. Skodol. Paper presentation at the 5th annual meeting of ISSPD, July, Munich, Germany.
- 1999 *Validity and Utility of the Youth Pediatric Symptom Checklist*, with G. Gall. Paper presentation at the 12th annual conference of the Center for Children's Mental Health, February, Tampa, FL.

Symposia Organized

- 2015 *Love and Service in Adolescent Addiction Recovery*, with Matthew T. Lee. Roundtable at the 110th annual meeting of the American Sociological Society, August, Chicago, IL. 1500 attendees.
- 2014 *God-consciousness and Youth Substance Abuse*, with Matthew T. Lee. Roundtable at the 109th annual meeting of the American Sociological Society, August, San Francisco, CA. 1500 attendees.
- 2013 *Helping Others in Addiction Recovery*, with Matthew T. Lee. Roundtable at the 108th annual meeting of the American Sociological Association, August, New York, NY. 1300 attendees.
- 2011 *Addiction Psychiatry Research at Case Western Reserve University: Findings with Young Adults*, with Y. Mahfoud, K., Carruthers, C. Delos-Reyes. Symposium presentation at the 10th annual meeting of the Association of Recovery Schools, July, Cleveland, OH. 100 attendees.
- 2007 *Clinical Course of Avoidant Personality Disorder*, with A. Skodol, D. Bender. Symposium presentation at 160th annual meeting of APA, May, San Diego, CA. 2300 attendees.
- 2006 *Random Effects Regression Methods in Alcohol Studies*, with R. Stout. Satellite Session at the 28th annual meeting of the Research Society on Alcoholism, June, Baltimore, MD. 1500 attendees.
- 2004 *Regression Methods in Addiction Research*, with R. Stout. Satellite Session at the 26th annual meeting of the Research Society on Alcoholism, June, Vancouver, Canada. 1300 attendees.
- 2002 *Predictors of Suicide Attempts in a Personality Disorder Sample*, with S. Yen, M. Shea, J. Gunderson. Symposium presentation at the 110th annual convention of APA, August, Chicago, IL. 2500 attendees.
- 2001 *Impact of School Environment on Adolescent Adjustment*, with P. Newman, E. Rickett, J. Brown. Symposium presentation at the 109th annual convention of APA, August, San Francisco, CA. 2300 attendees.

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- 2000 *After-School Programs in the Lives of Inner-City Youth*, with B. Hirsch, R. Roffman, N. Deutsch. Symposium presentation at Urban Girls in the New Millennium conference, April, Buffalo, NY. 300 attendees.
- 2000 *Inner-City Youth: Ties to Youth Development Staff and Adult Kin*, with B. Hirsch, J. Roffman, N. Deutsch. Symposium presentation at 8th Biennial Meeting of Society for Research on Adolescence, Chicago, IL. 1000 attendees.

Mentees (mentee name, advisory role, mentee current position)

Medical

- 2014 Candice Maietti, B.A. Research Block Advisor, 3rd Yr. Medical Student, CWRU.
- 2013 Shanna Swaringen, B.A. Research Advisor, 3rd Yr. Medical Student, Lerner Medical School.
- 2012 Alexandra Wang, M.D. Research Block Advisor, 3rd Yr. Medical Student, CWRU.
- 2011 Yvonne Chasser, M.D. Research Block Advisor, Resident, Psychiatry, Harvard Medical School.
- 2010 Matt Hirschtitt, M.D. Research Block Advisor, Resident, Internal Medicine, UCLA.
- 2006 Adam Mace, M.D. Research Block Advisor, General Surgery, Cleveland Clinic.

Undergraduate

- 2012 Paige Veta, B.A. Senior Capstone Advisor, Department of Psychology, CWRU.
- 2010 Rebecca Carter, B.A. Senior Capstone Advisor, Graduate student, Department of EPBI, CWRU.

Graduate

- 2014 Ariel Clayman, M.A. Capstone Project Advisor, Department of Public Health, CWRU.
- 2013 Katarina Hughes, M.A. Capstone Project Advisor, Department of Ethics, CWRU.
- 2010 Rebecca Ionescu, M.A. Master's Thesis Advisor, Department of Anatomy, CWRU.
- 2008 Michelle Shea, M.A. Master's Thesis Advisor, Department of Anatomy, CWRU.

Doctoral/Post-Doctoral

- 2015 Sherry Wasilow, M.A. Doctoral candidate, University of Toronto, School of Communication.
- 2014 Aimee Vance, M.A. Doctoral candidate, CWRU Frances Payne Bolton School of Nursing.
- 2012 Nina Rytwinski, Ph.D. Research Associate, Department of Psychology, CWRU.
- 2011 Amy Krentzman, Ph.D. Assistant Professor, Department of Social Work, University of Minnesota.
- 2010 Shannon Johnson, M.A. Doctoral candidate, Ohio State University, Department of Psychology.
- 2009 Kelly Christian, Ph.D. Post-doctoral fellow, Daily Behavioral Health, Henry Ford Hospital.
- 2005 Ben Rodriguez, Ph.D. Associate Professor, Department of Psychology, University of Illinois.
- 2004 John Kelly, Ph.D. Associate Professor, Department of Psychiatry, Harvard Medical School.
- 2003 Kristin Maki, Ph.D. Clinical Psychologist, RICBT Services, RI.

Residency Training Program in Child Psychiatry

- 2014 Stephanie Pope, M.D. Child Psychiatry Resident, Department of Psychiatry, CWRU.
- 2013 Mariya Borodyanskaya, D.O. Child Psychiatry Resident, Department of Psychiatry, CWRU.
- 2011 Brenda Altose, M.D. Psychiatrist, Psychological and Behavioral Consultants, OH.
- 2001 Lindsey Cassidy, M.D. Child Psychiatry Resident, Harvard Medical School.

Residency Training Program in Addiction Psychiatry

- 2015 Nnennaya Nwokeji, MD. Addiction Psychiatry Fellow, Department of Psychiatry, CWRU.
- 2015 Adeniyi Alatise, MD. Addiction Psychiatry Fellow, Department of Psychiatry, CWRU.
- 2014 Carol Lewis, D.O. Addiction Psychiatry Fellow, Department of Psychiatry, CWRU.
- 2013 Kathleen Svala, M.D. Addiction Psychiatry Fellow, Department of Psychiatry, CWRU.

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- 2012 Narendra Singh, M.D. Addiction Psychiatry Fellow, Department of Psychiatry, CWRU.
2011 Peter Turkson, M.D. Addiction Psychiatry Fellow, Department of Psychiatry, CWRU.
2010 Kirk Carruthers, M.D. Addiction Psychiatry Fellow, Department of Psychiatry, CWRU.
2009 Youseff Mahfoud, M.D. Addiction Psychiatry Fellow, Department of Psychiatry, CWRU.
2008 Sam Schwendiman, M.D. Addiction Psychiatry Fellow, Department of Psychiatry, CWRU.
2007 Bruce Merkin, M.D. Director, Glenbeigh Hospital, Rock Creek, OH.

Teaching Material Produced

- 2015 *Understanding Statistics in the Behavioral Sciences, 11th Edition.* R.R. Pagano & M.E. Pagano, Wadsworths, Cengage Learning, Belmont, CA. 640 pgs.
This is the 11th edition of one of the most popular introductory statistic textbook for students in psychology or other social sciences. I was responsible for editing the chapters on on inferential statistics and empirically derived sampling distributions, and expanding SPSS content to allow students to practice on problems specific to the textbook material.
- 2012 *A Practical Guide for Empirical Writing*, student-led research projects in Addiction Psychiatry, Child Psychiatry, Capstone Projects, Master Thesis, and Doctoral Dissertations.
Developed a series of training tutorials to aid students in completing a research project component of their training (i.e. medical school research block, Capstone Project, research component in fulfillment of ACGME-accreditation for residency programs, Master Thesis, Doctoral Dissertation). Tutorials include how to: 1) conduct, critique, and organize an effective literature review; 2) determine authorship; 3) structure each section of a manuscript; and 4) present original research in a poster presentation.
- 2010 *Stressful Life Events and Alcohol Relapse*, Alcohol Medical Scholars Program
Developed lecture and downloadable slides (see alcoholmedicalsolars.org) on the influence of stress on alcohol relapse to enhance education on alcohol in medical schools.
- 2007 *Helping Behaviors and Alcohol Use Disorders*, Alcohol Medical Scholars Program
Developed lecture and downloadable slides (see alcoholmedicalsolars.org) on the role of service in recovery from alcoholism to enhance education on alcohol in medical schools. Ranked in top 3 of lectures downloaded from alcoholmedicalsolars.org website.

Teaching Administration

- 2008-present Research Training Director, Addiction Psychiatry Residency Program, CWRU SOM.
<http://www.cwrupsychiatry.org/training/fellowships/addiction-psychiatry>
- 2001-2005 Training Faculty, Center for Alcohol & Addiction Studies, Brown University SOM.

RESEARCH SUPPORT

Independent Scientist

“Character Development Through Service and Reduced Recidivism”, Templeton Trust Foundation, PI Maria Pagano, Ph.D., 2013-2017, \$1,271,585. This is a competing continuation investigation that continues to follow juvenile offenders (N=195) over the 24 months after treatment discharge.

“Helping Others and Long-Term Outcomes Among Adolescents”, PI Maria Pagano, Ph.D., Templeton Foundation. 2009-2013, \$1,009,036. This project develops a brief assessment of AA-related helping among adolescent populations with addiction and examines the impact of service participation on adolescent treatment response.

“Faculty Bridge Research Award”, PI Maria Pagano, Ph.D., CWRU School of Medicine, 2012-2013, \$50,000. This award sponsors critical research programs of CWRU faculty.

“Adolescent Service Participation Planning Grant”, Institute for Unlimited Love, PI Maria Pagano, Ph.D., 2008-2010, \$15,000. This project collects preliminary data on youth 12-step participation for planning of stage-III study in real-world setting of addiction treatment.

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“Influences on Adolescent Addiction Treatment”, CWRU Support of Undergraduate Research & Creative Endeavors, Summer Research Fellowship for Paige Veta, Sponsor Maria Pagano, Ph.D., 2012-2013, \$3,500. Data drawn from Dr. Pagano’s followed sample of adolescents with addiction (N=195).

“Narcissistic Behaviors and Addiction”, CWRU Support of Undergraduate Research & Creative Endeavors, Summer Undergraduate Research Fellowship for Rebecca Carter, Sponsor Maria Pagano, Ph.D., 2010-2011, \$3,500. Data drawn from Dr. Pagano’s followed sample of adults with addiction (N=67). Outstanding Capstone award.

“Prosocial behaviors of Alcoholics with Bipolar 1 Disorder”, PI Maria Pagano, Ph.D., CWRU Department of Psychiatry Clinical Neuroscience Research and Education Foundation Board, 2006-2007, \$20,000. This Junior Faculty Pilot Research Fund Award sponsors critical research programs of Department Faculty.

“Service to Others and Long-term Outcomes”, NIAAA, PI Maria Pagano, Ph.D., 2005-2011, \$576,054. This K01 career development award develops a brief assessment of AA-related helping among adults in addiction recovery.

“Helping others and Long-term Outcomes”, PI Maria Pagano, Ph.D., Brown University School of Medicine, 2002-2003, \$4,000. This investigation examines the impact of service on post-treatment outcomes in Project MATCH.

Team Scientist

“Longitudinal Assessment of Mania Symptoms in Children”, PI Robert Findling, NIMH, 2005-2010, \$2,825,572. This R01 is a multi-site, longitudinal, prospective investigation of pediatric bipolar disorder and mania symptoms.

Role: Senior Statistician Maria Pagano, Ph.D

Achievements: led design of randomization schema for selection of comparison subjects that insured similarity of socio-demographics of control subjects and children with elevated symptoms of mania and allowed the development of subject specific weights; developed software program for consistency design structure of longitudinal datasets and variables collected over time (program adopted for subsequent trials); conducted analyses of baseline data for initial methods paper.

“Addiction Research Interest Group Proposal”, PI Alan Levine, CWRU SOM, 2011-2012, \$100,000.

This project coordinates clinical and basic science research on addiction and infection diseases through provision of core support facilities, short-term developmental funds, seminar series, and community based education programs.

Role: Co-Investigator Maria Pagano, Ph.D

Achievements: wrote scientific sections of the FY11 Interdisciplinary Alliance Investment Grant proposal, organized campus-wide directory of CWRU scholars conducting research with addiction populations.

“Measurement of Nicotine Dependence Among Youth Cigarillo Users”, PI Susan Flocke, NCI, 2015-2019, \$2,342,020. This R01 develops a comprehensive assessment of nicotine dependency to include cigars among adolescents.

Role: Co-Investigator Maria Pagano, Ph.D

Achievements: wrote power analysis section of awarded grant, led sampling design of project, demonstrated construct validity of developed instrument in relation to biomarkers.

“Self-Assessment Intervention for Young Adult Poly-Drug Users”, PI Steven Kurtz, NIDA, 2012-2017, \$2,188,550. This R01 is a randomized, control trial (RCT) of the effect of a self-assessment intervention on outcomes over time.

Role: Co-Investigator Maria Pagano, Ph.D

Achievements: performed hierarchical modeling to determine the efficacy of the interviewer-administered intervention versus the self-administered and control conditions on primary and secondary outcomes of the trial. Moderate effects detected resulted in driving the project forward to consider the influence of alcohol and drug consumption patterns of social networks. The influence of social networks on sobriety is well-studied in 12-step research but has been slow to transfer into the field of infectious disease.

“Double-Blind Comparison of Fluoxetine vs. Placebo in Depressed Youth with Substance Use Disorders“, PI Robert Findling, American Foundation for Suicide Prevention, 1999-2007, \$293,601.

This is a multi-site, RCT that examines the effectiveness of fluoxetine among depressed youths with addiction.

Role: Senior Statistician Maria Pagano, Ph.D.

Achievements: conducted interim analysis that influence the direction of the trial (stopped due to no differences between trial conditions); responsible for producing efficacy analyses and subgroup analyses; wrote methods and results sections of 3 publications and 2 national presentations; identified mediators

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(severity of depression, amount of alcohol consumption) of effectiveness of fluoxetine versus placebo via creative use of mixture models. 2012 Ohio Psychiatric Physicians Association Medical Research Award.

“Office-Based Buprenorphine/Naloxone Maintenance Therapy for Heroin Dependent Patients”, PI Theodore Parran, Veterans Administration Medical Center of Cleveland, 2005-2007, \$100,000.

Role: Senior Statistician Maria Pagano, Ph.D.

Achievements: Performed intent-to-treat analyses showing moderate effects of buprenorphine/naloxone on long-term outcomes; constructed logistic regression models to evaluate if missing data violated assumptions of missing completely at random; produced results sections of 2 publications and 1 national presentation that received Best Medical Abstract Award from the American Society of Addiction Medicine.

“Mechanisms and Moderators of Behavior Change in Alcoholics Anonymous”, PI John Kelly, Ph.D., NIAAA, 2010-2012, \$391,359. This is a secondary data analysis project to study longitudinally the mechanisms responsible for Alcoholics Anonymous (AA) and moderators of the effects of AA.

Role: Senior Statistician Maria Pagano, Ph.D.

Achievements: applied mathematical methods to alcohol outcomes and wrote results sections of 6 publications and 4 national presentations; conducted propensity score analysis and multiple imputation methods to account for attrition bias to produce robust effects of AA-specific mechanisms (i.e. spirituality) on long-term outcomes; conducted time-varying analyses that advanced understanding of three moderating conditions of the effects of AA (social phobia, social network characteristics, smoker status).

“Collaborative Longitudinal Study of Personality Disorders”, PI Tracie Shea, NIMH, 2001-2006, \$2,106,516. This R01 is a multi-site, longitudinal investigation of the reliability and stability of four personality disorders (PDs).

Role: Senior Statistician Maria Pagano, Ph.D.

Achievements: wrote analytic plan sections of awarded continuing grant; conducted hierarchical modeling for 16 original articles and 4 national presentations; examined the association between within-subject trait stability and functioning with creative use of advanced technologies; results altered PD diagnostic standards to hybrid approach based on specific patterns of impaired functioning (Section III, DSM-5).

“The Harvard Brown Anxiety Disorder Research Program”, PI Martin Keller, M.D., NIMH, 2000-2004, \$4,205,195. This R01 is a multi-site, longitudinal, prospective investigation of the course and outcome of anxiety disorders.

Role: Co-Investigator Maria Pagano, Ph.D.

Achievements: wrote sections (power analysis, preliminary studies) of awarded continuing grant; constructed hierarchical models and wrote results sections of 6 publications and 4 national presentations; led project initiative in the analysis and publication of results regarding the impact of fluctuating conditions (stressful life events, medication use) on remission and relapse of anxiety and alcohol use disorders.

“Prospective Study of Body Dysmorphic Disorder”. PI Katharine Phillips, NIMH, 2000-2005, \$2,526,916. This R01 is a naturalistic, longitudinal investigation of the course of body dysmorphic disorder among young adults and examines risk factors associated with BDD remission and relapse.

Role: Senior Statistician Maria Pagano, Ph.D.

Achievements: conducted hierarchical modeling for 10 publications and 3 national presentations that addressed project’s primary aims; identified protective factors (prosocial behaviors) increasing the likelihood of BDD remission; wrote software program to identify partial remission states of BDD that was sought out by other investigators to capture partial remission states of OCD and anxiety disorders.

“Longitudinal Study of Obsessive Compulsive Disorder”, PI Steven Rasmussen, NIMH, 2000-2005, \$2,400,120. This R01 is a multi-clinic, longitudinal investigation of the course of obsessive-compulsive disorder (OCD) with a focus on symptom severity, treatment utilization, and quality of life over time.

Role: Co-Investigator Maria Pagano, Ph.D.

Achievements: conducted hierarchical linear modeling for 3 primary papers and 2 national presentations addressing symptom severity of OCD, the impact of OCD on quality of life, and distinguishing symptoms of OCD versus obsessive-compulsive personality disorder; effect size estimates of published findings used in the planning of an awarded extensional grant.

“Primary Care Anxiety Disorders Program”, PI Martin Keller, Pfizer Foundation, 1997-2005, \$3,126,282.

This is a longitudinal, prospective investigation of medical and psychiatric comorbidity, psychosocial functioning, and socioeconomic impact of anxiety disorders among primary care patients.

Role: Co-Investigator Maria Pagano, Ph.D.

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Achievements: responsible for generating scientific discoveries of the characteristics and predictors of generalized anxiety disorder, a primary project objective; conducted time series analyses with autocorrelation estimation and wrote results sections of 5 publications and 12 national presentations.

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2. **Pagano, M.E.**, Delos-Reyes, C.M., Wasilow, S., Svala, K, Kurtz, S. (in press). Smoking cessation and adolescent treatment response with comorbid ADHD. *Journal of Substance Abuse Treatment*.
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5. **Pagano, M.E.**, Maietti, C.M., Levine, A.G. (2015). Risk factors of repeated infectious disease incidence among substance dependent girls and boys court-referred to treatment. *Am J Drug & Alcohol Abuse*, 41, 230-236. PMC4336215
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88. **Pagano, M. E.**, Murphy, J. M., Pedersen, M., Mosbacher, D., Crist-Whitzel, J., Jordan, P., Rodas, C., & Jellinek, M. S. (1996). Screening for psychosocial problems in 4-5 year olds during routine EPSDT examinations; Validity and reliability in a Mexican-American sample. *Clinical Pediatrics*, 35(3), 139-146. PMID3277256
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Peer Reviewed Presentations

1. Kurtz, S.P., Buttram, M., Pagano, M.E., & Kurtz, S. (2016, June). *Benzodiazepine dependence among multi-drug users in the club scene: data from a second cohort of young adults*. Poster presentation at the 78th annual meeting of the College for Problems on Drug Dependence (CPDD), Palm Springs, CA.
2. Buttram, M., Pagano, M.E., & Kurtz, S. (2016, June). *Associate between commuting distance and binge substance use, sexual risk behaviors and related problems among young adults in Miami's Nightclub Scene*. Paper presentation at the 78th annual meeting of CPDD, Palm Springs, CA.
3. Pagano, M.E., Delos-Reyes, C.M., Ferrer, M. (2016, June). *What factors predict adolescent motivation for change at admission?* Poster presentation at the 39th annual meeting of Research Society on Alcoholism, San Antonio, TX.
4. Johnson, B.R., **Pagano, M.E.**, & Lee, M.T. (2015, November). *Alone on the inside: the impact of social isolation and helping others on the drink-trouble cycle among youths*. Paper presentation at the 71th annual meeting of American Society of Criminology (ASC), San Francisco, CA.
5. Lee, M.T., **Pagano, M.E.**, Johnson, B.R., & Post, S.G. (2015, August). *Love and service in adolescent addiction recovery*. Roundtable presentation at the 110th annual meeting of ASA, Chicago, IL.
6. Delos-Reyes, C.M., Kurtz, S.P., **Pagano, M.E.** (2015, June). *Smoking cessation during treatment among youth with and without ADHD*. Poster presentation at the 38th annual meeting of Research Society on Alcoholism, San Antonio, TX.
7. **Pagano, M.E.**, Maietti, C.M., & Levine, A.G. (2015, April). *Risk factors of repeated infectious disease incidence among substance dependent girls and boys court-referred to treatment*. Poster presentation at 12th Hawai'i International Training Summit, Honolulu, HI.
8. **Pagano, M. E.**, Swaringen, S.E., & Frank, S.H. (2014, June). *Low other-regard and adolescent addiction*. Poster presentation at the 37th annual meeting of Research Society on Alcoholism, Seattle, WA.
9. Delos-Reyes, C.M., **Pagano, M.E.**, & Lewis, C. (2014, June). *Prescription drug misuse among youths court-referred to residential treatment*. Poster presentation at 37th annual meeting of Research Society on Alcoholism, Seattle, WA.
10. Swaringen, S., **Pagano, M.E.**, & Frank, S.H. (2013, October). *Other-oriented regard and adolescent addiction*. Poster presentation at lake erie college of osteopathic medicine research day, Erie, PA.
11. **Pagano, M. E.**, Krentzman, A. R, Maietti, C., Ionescu, R., Stout, R. L. (2013, June). *Risk factors of infectious disease among alcohol dependent girls and boys court-referred to treatment*. Poster presentation at 36th annual meeting of Research Society on Alcoholism, Orlando, FL.
12. Delos Reyes, C. M., Svala, K., Singh, N., Scur, M.D., & **Pagano, M. E.** (2013, June). *Smoking Cessation and Adolescent Treatment Outcomes*. Poster presentation at the 36th annual meeting of Research Society on Alcoholism, Orlando, FL.

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13. Wang, A. R., **Pagano, M. E.**, Scur, M. D., & Delos-Reyes, C. M. (2013, April). *Associations between anxiety disorders and substance use disorders in substance-dependent adolescents*. Poster presentation at the 43rd annual meeting of ASAM, Chicago, IL.
14. Veta, P.S., **Pagano, M.E.**, & Lee, M.T. (2013, April). *God-consciousness and youth substance abuse*. Poster presentation at the CWRU SOURCE Symposium annual meeting, Cleveland, OH.
15. Delos Reyes, C. M., Svala, K., Singh, N., Friend, K., & **Pagano, M.** (2013, March). *Smoking Cessation and Adolescent Treatment Outcomes*. Poster presentation at the 11th All-Ohio Institute on Community Psychiatry, Beachwood, OH. First place research award.
16. Scur, M. D., **Pagano, M. E.**, Rodriguez, B. F., Lancaster, S. L., Melka, S. E., & Post, S. G. (2012, June). *High Risk Behaviors and Infectious Disease Spread Among Adolescents*. Poster presentation at the 74th annual meeting of College on Problems of Drug Dependence (CPDD), Palm Springs, CA.
17. **Pagano, M. E.**, Kelly, J.F., Scur, M. D., Ionescu, R., Carter, R. R., Stout, R.L., & Post, S.G. (2012, June). *Validity of the SOS by youth report*. Poster presentation at 35th annual meeting of Research Society on Alcoholism, San Francisco, CA.
18. Chasser, Y. M., **Pagano, M. E.**, Delos-Reyes, C. M. & Scur, M. D. (2012, February). *Adolescent substance use and psychiatric comorbidity: What factors predict first use and PTSD?* Poster presentation at the 2012 Irwin H. Lepow Medical Student Research Day, Cleveland, OH.
19. Carruthers, K.A., Delos Reyes, C.M., Mahfoud, Y., Johnson, S.M., Carter, R.R., Ionescu, R., **Pagano, M.E.** (2011, December). *Gender differences in adolescents entering residential substance abuse treatment*. Poster presentation at the 22nd annual meeting of the American Academy of Addiction Psychiatry (AAP), Scottsdale, AZ.
20. Johnson, S. M., Carter, R. R., & **Pagano, M. E.** (2011, June). *Sexual abuse, risky sexual behaviors and sexual beliefs among substance dependent adolescents court-referred to residential treatment*. Poster presentation at the 34th annual meeting of Research Society on Alcoholism, Atlanta, GA.
21. Carter, R.R., Johnson, S., **Pagano, M.E.** (2011, June). *Comparison of prosocial behaviors amongst adults with and without substance dependency*. Poster presentation at 34th annual meeting of Research Society on Alcoholism, Atlanta, GA.
22. **Pagano, M. E.**, Kelly, J. F., Johnson, S. M., Post, S. G., & Stout, R. L. (2011, June). *The influence of religiosity on 12-Step involvement and treatment response among substance dependent adolescents*. Poster presentation at the 34th annual meeting of Research Society on Alcoholism, Atlanta, GA.
23. Stout, R. L., Kelly, J. F., Magill, M., Tonigan, J. S., & **Pagano, M.E.** (2010, June). *Parametric analyses of social network characteristics as predictors of long-term drinking*. Poster presentation at the 33rd annual meeting of Research Society on Alcoholism, San Antonio, TX.
24. **Pagano, M. E.**, Stout, R. L., Kelly, J. F., Johnson, S. M., & Tonigan, J. S. (2010, June). *Helping others and long-term outcomes: A 10 year follow-up study in Project MATCH*. Poster presentation at the 33rd annual meeting of Research Society on Alcoholism, San Antonio, TX.
25. Carter, R. R., Johnson, S. M., Exline, J. J., & **Pagano, M. E.** (2010, June). *Addiction and "Generation Me": Narcissistic and prosocial behaviors of youth with substance dependency disorder in comparison to normative youths*. Poster presentation at the 33rd annual meeting of Research Society on Alcoholism, San Antonio, TX.
26. Krentzman, A.R., **Pagano, M.E.**, Battle, D., Andrade, F.H., Delva, J., Robinson, E.A.R., & Bradley, J.C. (2010, June). *Spirituality/religiousness/altruism and substance abuse treatment outcomes: A comparison between black and white adolescents*. Poster presentation at 33rd annual meeting of Research Society on Alcoholism, San Antonio, TX.

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27. Carter, R. R., Johnson, S. M., Exline, J. J., & **Pagano, M. E.** (2010, April). *Addiction and "Generation Me": Narcissistic and prosocial behaviors of youth with substance dependency disorder in comparison to normative youths.* Poster presentation at the SOURCE Symposium annual meeting, Cleveland, OH. Second place social sciences award.
28. Altose, B., Davis, M., Tager, S., & **Pagano, M.** (2010, April). *Predictors of preteen substance use in substance dependent boys and girls.* Poster presentation at the annual meeting of the Neurological Institute Research Day, Cleveland, OH. Outstanding poster award.
29. Grilo, C. M., **Pagano, M. E.**, & Stout, R. L. (2009, October). *Do stressful life events predict eating disorder relapse? Six-year outcomes from the Collaborative Longitudinal Personality Disorders Study.* Poster presentation at 61st Institute on Psychiatric Services, New York, NY.
30. Altose, B., Davis, M., Tager, S., & **Pagano, M.** (2009, October). *Predictors of preteen substance use in substance dependent boys and girls.* Poster presentation at the 56th annual meeting of the American Academy of Child and Adolescent Psychiatry (AACAP), Honolulu, HI.
31. **Pagano, M. E.**, Krentzman, A. R., Onder, C. C., Baryak, J. L., Zywiak, W. H., & Stout, R. L. (2009, July). *Assessment of service to others in sobriety (SOS).* Poster presentation at the 32nd annual meeting of Research Society on Alcoholism, Washington D.C.
32. Christian, K. M., **Pagano, M. E.**, Demeter, C. A., McNamara, N. K., Lingler, J., Bedoya, D. L., Faber, J., & Findling, R. L. (2008, October). *Moderators and mediators of fluoxetine treatment for pediatric depression and comorbid substance use.* Poster presentation at the 55th annual meeting of the American Academy of Child and Adolescent Psychiatry (AACAP), Chicago, IL.
33. Amunategui, L. F., Davis, M., Shea, M., Onder, C., Baryak, J., Jaber, J. Ionescu, R., & **Pagano, M. E.** (2008, October). *Phenomenology of pre-pubescent drug use in substance-dependent youths.* Poster presentation at the 55th annual meeting of AACAP, Chicago, IL.
34. **Pagano, M. E.**, Book, S. W., Mace, A. G., Randall, C. L., & Tonigan, J. S. (2008, July). *Alcoholics seeking treatment: Does co-occurring social anxiety disorder interfere with AA affiliation?* Poster presentation at the 31st annual meeting of Research Society on Alcoholism, Washington D.C.
35. Shea, M., Onder, C., Amunategui, F., Davis, M., Jaber, J., & **Pagano, M. E.** (2008, April). *The diagnostic evolution of adolescent substance dependence.* Poster presentation at the 6th annual CWRU research showcase, Cleveland, OH. Second place prize.
36. Findling, R. L., McNamara, N. K., Stansbrey, R. J., Demeter, C. A., Lingler, J., Faber, J., & **Pagano, M. E.** (2007, October). *Fluoxetine versus placebo treatment of depression and co-morbid substance use.* Poster presentation at the 54th annual meeting of AACAP, Boston, MA.
37. **Pagano, M. E.**, Jaber, J., Kotz, M. M., Dean, R., & Zywiak, W. H. (2007, July). *Helping behaviors by alcoholics with long-term sobriety.* Poster presentation at 30th annual meeting of Research Society on Alcoholism, Chicago, IL.
38. Zemore, S. E., & **Pagano, M. E.** (2007, July). *Time-varying predictors of helping behaviors among individuals in treatment for alcohol use disorders: Findings from Project MATCH.* Poster presentation at the 30th annual meeting of Research Society on Alcoholism, Chicago, IL.
39. **Pagano, M. E.**, & Friend, K. B. (2006, June). *Predictors of smoking cessation among individuals treated for alcoholism: Findings from Project MATCH.* Poster presentation at the 29th annual meeting of RSA, Baltimore, MD.
40. Conroy, M., Dufresne, R. G., Menard, W., Didie, E. R., Hunter, J., Fay, C., **Pagano, M. E.**, & Phillips, K. A. (2005, May). *Compulsive tanning in body dysmorphic disorder.* Poster presentation at the 158th annual meeting of APA, Atlanta, GA.

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41. Phillips, K. A., **Pagano, M. E.**, Menard, W. E., Fay, C., & Stout, R. L. (2005). *A prospective longitudinal investigation of the course of body dysmorphic disorder (BDD) and pharmacotherapy received*. Poster presentation at the 45th annual meeting of the New Clinical Drug Evaluation Unit (NCDEU) for the National Institute of Mental Health, Boca Raton, FL.
42. Francis, J. L., Dyck, I. R., **Pagano, M. E.**, Weisberg, R. B., Culpepper, L., & Keller, M. B. (2004, November). *Clinical course of anxiety disorders during pregnancy and post-partum*. Poster presentation at the 38th annual convention of the Association for Advancement of Behavior Therapy (AABT), New Orleans, LA.
43. Hamel, D., Mello, M., Mancebo, M. C., **Pagano, M. E.**, Eisen, J. L. & Rasmussen, S. A. (2004, November). *Comorbidity of substance disorders in an OCD clinical sample*. Poster presentation at the 38th annual convention of AABT, New Orleans, LA.
44. McDevitt-Murphy, M., Shea, M. T., Yen, S., **Pagano, M. E.**, & Stout, R. (2004, November). *Comorbidity of PTSD and substance use disorders in a longitudinal study of personality disorders*. Poster presentation at the 38th annual convention of AABT, New Orleans, LA.
45. Maki, K. M., Weisberg, R. B., Dyck, I. R., **Pagano, M. E.**, Culpepper, L. & Keller, M. B. (2004, October). *Monotherapy with benzodiazepines or SSRIs versus combined treatment in primary care patients with panic disorder*. Poster presentation at the 17th European Consciousness in a Natural and Cultural Context program, Stockholm, Sweden.
46. Weisberg, R. B., **Pagano, M. E.**, & Culpepper, L. (2004, October). *The effects of starting benzodiazepine treatment on the course of panic disorder*. Poster presentation at the 32nd annual meeting of the North American Primary Care Research Group, Orlando, FL.
47. **Pagano, M. E.**, Friend, K. (2004, June). *Smoking cessation and alcohol use among smokers in recovery*. Poster presentation at 27th annual meeting of Research Society on Alcoholism, Vancouver, Canada.
48. **Pagano, M. E.**, Mueller, T. I., Maki, K. M., Stout, R. L., & Keller, M. B. (2004, June). *The long-term use of benzodiazepines in subjects with comorbid anxiety and alcohol use disorders*. Poster presentation at the 27th annual meeting of RSA, Vancouver, BC.
49. Phillips, K.A., Grant, J.E., **Pagano, M.E.**, Fay, C., Menard, W. (2004, May). *Comorbid substance use disorders in body dysmorphic disorder*. Poster presentation at the 157th annual meeting of APA, San Francisco, CA.
50. Hirsch, B.J., **Pagano, M.E.**, DuBois, D.L. (2004, March). *Mentoring in urban boys and girls clubs*. Poster presentation at 10th biennial meeting of the Society for Research on Adolescence (SRA), Baltimore, MD.
51. Rodriguez, B. F., Weisberg, R., **Pagano, M. E.**, Culpepper, L., & Keller, M. B. (2004, March). *Influence of chronic medical illness on medical services utilization of primary care patients with PTSD*. Poster presentation at the 24th annual convention of Anxiety and Depression Association of America (ADAA), Miami, FL.
52. Weisberg, R., Maki, K. M., **Pagano, M. E.**, Culpepper, L., & Keller, M. B. (2004, March). *Should ongoing major depression be a DSM exclusionary criteria for generalized anxiety disorder*. Poster presentation at the 24th annual convention of ADAA, Miami, FL.
53. Mancebo, M., Pinto, A., Eisen, J., **Pagano, M.** & Rasmussen, S. A. (2003, November). *Utilization of Behavioral Techniques in an OCD clinical sample*. Poster presentation at the 37th annual convention of AABT, Boston, MA.
54. Maki, K. M., **Pagano, M.**, Weisberg, R. B., Bruce, S. E., & Keller, M. B. (2003, November). *The influence of stressful life events in the recurrence of panic disorder with agoraphobia*. Paper presentation at the annual convention of AABT, Boston, MA.

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55. Weisberg, R. B., **Pagano, M. E.**, Maki, K. M., Dyck, I., Culpepper, L. & Keller, M. B. (2003, September). *Pharmacologic treatment of primary care patients with generalized anxiety disorder*. Poster presentation at the 16th European Consciousness in a Natural and Cultural Context program (ECNCC), Prague, Czech.
56. **Pagano, M. E.**, & Friend, K. B. (2003, June). *Smoking initiation among alcoholics in treatment*. Poster presentation at 26th annual meeting of Research Society on Alcoholism, Fort Lauderdale, FL.
57. Bruce, S. E., Rodriguez, B., Weisberg, R. B., **Pagano, M.**, Culpepper, L., & Keller, M. B. (2003, May). *Occupational impairment of primary care patients with social anxiety disorder*. Poster presentation the 156th annual meeting of APA, San Francisco, CA.
58. Rodriguez, B. F., Weisberg, R. B., **Pagano, M. E.**, Culpepper, L., & Keller, M. B. (2003, May). *Health care utilization of primary care patients with generalized anxiety disorder*. Poster presentation at the annual meeting of Society of General Internal Medicine, Vancouver, Canada.
59. Fikretoglu, D., Weisberg, R. B., Maki, K. M., **Pagano, M. E.**, & Keller, M. B. (2003, March). *Reasons given by primary care patients with anxiety disorders for not receiving pharmacological treatment*. Poster presentation at the 23rd annual meeting of ADAA, Toronto, Canada.
60. Maki, K. M., Weisberg, R. B., **Pagano, M. E.**, Culpepper, L. & Keller, M. B. (2003, March). *Quality of life in primary care patients with generalized anxiety disorder (GAD)*. Poster presentation at the 23rd annual meeting of AABT, Toronto, Canada.
61. Maki, K. M., Weisberg, R. B., **Pagano, M. E.**, & Keller, M. B. (2003, March). *Functioning and well-being of primary care patients with social anxiety disorder*. Poster presentation at the 23rd annual meeting of ADAA, Toronto, Canada.
62. Rodriguez, B. F., Weisberg, R. B., **Pagano, M. E.**, Culpepper, L., & Keller, M. B. (2003, March). *Characteristics and course of social anxiety disorder in primary care patients*. Poster presentation at the annual meeting of APA, New York, NY.
63. Rodriguez, B. F., Weisberg, R. B., **Pagano, M. E.**, Culpepper, L., & Keller, M. B. (2003, March). *Characteristics and clinical course of generalized anxiety disorder in primary care patients*. Poster presentation at the 23rd annual meeting of ADAA, Toronto, Canada.
64. Weisberg, R. B., Bruce, S. E., **Pagano, M. E.**, & Keller, M. B. (2002, November). *Aging and the course of anxiety disorders*. Poster presentation at the annual meeting of AABT, Reno, NV.
65. **Pagano, M.E.**, Roffman, J., Hirsch, B.J. (2000, March). *Youth experiences in inner-city after-school programs*. Poster presentation at the 8th biennial meeting of SRA, Chicago, IL.
66. **Pagano, M. E.**, & Hirsch, B. J. (1999, April). *Interpersonal dimensions of friendships versus dating relationships among black and white adolescents*. Poster presentation at the biennial meeting of the Society for Research in Child Development (SRCD), Albuquerque, NM.

Book Chapters

1. Zemore, S.E., **Pagano, M.E.** (2009). Kickbacks from Helping Others: Health and Recovery. In M. Galanter & L.A. Kaskustas (Eds.), *Recent Developments in Alcoholism. Research on Alcoholics Anonymous and Spirituality in Addiction Recovery* (pp. 141-166). NY: Springer.

Letters

1. Post, S., Lee, M., Johnson, J., **Pagano, M.E.** (2015). Positive psychology virtues in Alcoholics Anonymous. *APA Addiction Psychology Division 50 Newsletter*, (Fall issue).
2. Lee, M.T, **Pagano, M.E.** (2014). Spirituality in teens: promoting sobriety and improving mental health. *Counselor Magazine*, 15, 52-59.

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3. Johnson, BR., **Pagano, M.E.** (2014). Can Faith Rewire an Addict's Brain? *Wall Street Journal* (March).
4. Pagano, M.E. (2013). Service, service, service. *Grapevine Magazine* (August).

Abstracts

1. **Pagano, M.E.**, Delos-Reyes, C.M., Ferrer, M. (2016). What factors predict adolescent motivation to change at admission? *Alcoholism: Clinical and Experimental Research (ACER)*, 40, 155A.
2. Delos-Reyes, C.M., Kurtz, S.P., **Pagano, M.E.** (2015). Smoking cessation during treatment among youth with and without ADHD. *ACER*, 39, 203A.
3. **Pagano, M.E.**, Swaringen, S.E., Frank, S.H. (2014). Low other-regard and adolescent addiction. *ACER*, 37, 300A.
4. Delos-Reyes, C.M., Lewis, C., **Pagano, M.E.** (2014). Prescription drug misuse among adolescents court-referred to residential treatment. *ACER*, 37, 303A.
5. Wang, A., Scur, M., **Pagano, M.E.**, Delos-Reyes, C. (2013). Associations between anxiety disorders and substance use disorders in substance-dependent adolescents. *Journal Addict Med*, 7, E2.
6. Veta, P.S., **Pagano, M.E.**, Lee, M.T. (2013). Influences on Adolescent Chemical Dependency Treatment. *American Sociology Association Proceedings*, 105, 131.
7. **Pagano, M.E.**, Krentzman, A.R., Maietti, C., Ionescu, R., Stout, R.L. (2013). Risk factors of infectious disease among alcohol dependent youths in treatment. *ACER*, 36, 320A.
8. Delos Reyes, C.M., Svala, K., Singh, N., Scur, M.D., **Pagano, M.E.** (2013). Smoking Cessation and adolescent treatment outcomes. *ACER*, 36, 312A.
9. **Pagano, M.E.**, Kelly, J.F., Scur, M.D., Ionescu, R., Carter, R.R., Stout, R.L., Post, S.G. (2012). Assessing youth participation in AA-related helping. *ACER*, 36, 155A.
10. Carruthers, K., Delos Reyes, C., Mahfoud, Y., Johnson, S., Carter, R., Ionescu, R., **Pagano, M.E.** (2012). Gender differences in adolescents entering residential treatment. *American Journal of Addiction*, 21, 391.
11. Carter, R.R., Johnson, S.M., **Pagano, M.E.** (2011). Comparison of prosocial behaviors among adults with and without substance dependency. *ACER*, 35, 206A.
12. **Pagano, M.E.**, Kelly, J.F., Johnson, S.M., Post, S.G., Stout, R.L. (2011). Influence of religiosity on AA participation and adolescent treatment response. *ACER*, 35, 86A.
13. Johnson, S.M., Carter, R.R., **Pagano, M.E.** (2011). Sexual abuse, risky sexual behaviors, and sexual beliefs among substance dependent adolescents court-referred to residential treatment. *ACER*, 35, 12A.
14. Stout, R.L., Kelly, J.F., Magill, M., Tonigan, J., **Pagano, M.E.** (2010). Parametric analysis of social network characteristics as predictors of long-term drinking. *ACER*, 34, 231A.
15. **Pagano, M.E.**, Stout, R.L., Kelly, J.F., Johnson, S.M., Tonigan, J.S. (2010). Helping others and long-term outcomes: 10-year follow-up study in Project MATCH. *ACER*, 34, 173A.
16. Krentzman, A.R., **Pagano, M.E.**, Battle, D., Andrade, F.H., Delva, J., Robinson, E.A.R. (2010). Spirituality, religiousness, altruism and treatment outcomes. *ACER*, 34, 121A.
17. **Pagano, M.E.**, Carter, R., Johnson, S., Exline, J.J. (2010). Addiction and generation me. *ACER*, 34, 220A.
18. **Pagano, M.E.**, Krentzman, A.R., Onder, C.C., Baryak, J.L., Zywiak, W.H., Stout, R.L. (2009). Assessment of service to others in sobriety (SOS). *ACER*, 33, 194A.

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19. **Pagano, M.E.**, Book, S., Onder, C., Randall, C., Tonigan, J. (2008). Does co-occurring social anxiety disorder interfere with AA affiliation? *ACER*, 32, 186A.
20. Zemore, S.E., **Pagano, M.E.** (2007). Timevarying predictors of helping in AA among individuals with alcohol use disorders. *ACER*, 31, 234A.
21. **Pagano, M.E.**, Jaber, J., Kotz, M.M., Dean, R., Zywiak, W.H. (2007). Helping behaviors by alcoholics with long-term sobriety. *ACER*, 31, 234A.
22. Friend, K.B., **Pagano, M.E.** (2006). What factors are associated with quitting smoking during alcoholism treatment? Findings from Project MATCH. *ACER*, 30, 159A.
23. **Pagano, M.E.**, Friend, K.B. (2003). Prevalence of smoking initiation during alcoholism treatment. *ACER*, 27, 151A.

Popular Media Articles (Selected)

“Social anxiety can sabotage adolescent treatment success”. <http://www.addictionpro.com/article/social-anxiety-can-sabotage-treatment-success-youths>

“Anxious youth in addiction treatment benefit from service activities”. <http://www.psychiatryadvisor.com/anxious-youths-in-addiction-treatment-benefit-from-service-activities>

“Low key service activities aid in successful rehab for teens”. <http://psychcentral.com/news/2015/04/16/low-key-service-activities-aid-in-successful-rehab-for-teens/83576.html>

<http://health.usnews.com/health-news/health-wellness/articles/2015/0>.

http://www.eurekalert.org/pub_releases/2015-04/ace-say040815.php

<http://www.sciencedaily.com/releases/2015/04/150414212306.htm>

<http://www.medadvocates.org/marg/marg/adol/behavior/drugs.html>

<http://www.sciencedaily.com/releases/2014/09/140908204306.htm>

<http://www.medicalnewstoday.com/releases/282270.php>

http://www.counselormagazine.com/2014/Mar-Apr/Spirituality_in_Teens/

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<http://cwru-daily.com/news/study-shows-alcoholics-anonymous-participation-promotes-long-term-recovery/>
<http://www.alltreatment.com/blog/2013/the-helper-therapy-principle-in-action>

Presence on National Websites (Pagano line of research cited as resource)

SAMSHA recommended tools: <http://store.samhsa.gov/resources/term/Evidence-Based-Practice-Resource-Library>
Directory of Generosity Researchers: <https://generositydirectory.nd.edu/researchers/?select=P>
Center for Education and Drug Abuse Research: <http://www.cesar.umd.edu/cesar/links.asp>
University of Washington Alcohol and Drug Abuse Institute: <http://lib.adai.washington.edu>
NAADC: The Association for Addiction Professionals: <http://www.naadac.org/links>
Rutgers University Center for Alcohol Studies <http://library.alcoholstudies.rutgers.edu/resources-college-students>
Arizona State University (Department of Psychology): <https://psychology.clas.asu.edu/corbin/links>
Pat Moore Foundation at the University of California Irvine: <http://www.patmoorefoundation.com/links>
Addiction Recovery Research Cluster at Texas Tech University: <http://www.depts.ttu.edu/hs/arrc/collaborators.php>
University of Michigan Addiction Research Center: <http://www.psych.med.umich.edu/sub/about/collaborations.asp>
University of Pennsylvania Positive Psychology: <https://psychology.sas.upenn.edu/resources/related-sites>
Ohio University: <http://author.oit.ohio.edu/involvement/healthpromotion/alcohol/resources.cfm>
Anxiety and Depression Association of America: <http://www.adaa.org/living-with-anxiety/ask-and-learn/resources>
Hazelton Addiction Research Library: <http://library.hazelden.org>
Alcohol and Drug Abuse Institute: <http://lib.adai.washington.edu/dbtw-wpd/exec/dbtwpub.dll>
American Psychological Association: <http://psycnet.apa.org/?&fa=main.doiLanding&doi=10.1037/t30908-000>
Educational Testing Service: <http://1340.sydneyplus.com/ets>
Measurement Instrument Database for the Social Sciences: <http://www.midss.org/content/service-others-sobriety>
Questionnaire Instrument Compendium: www.webpages.ttu.edu/areifman/qic.htm
International Center for Alcohol Policies: <http://www.drinksresearch.org/reports.aspx?id=11385>
Proqolid: http://www.proqolid.org/instruments/service_to_others_in_sobriety_sos?fromSearch=yes&text=yes
Vermont Department of Health: <http://healthvermont.gov/adap/adap.aspx>

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Iowa Substance Abuse Information Center: <http://www.drugfreeinfo.org/general-information/recovery>

ZPID-Psychologie Information: <http://www.zpid.de/redact/category.php?cat=94>

Connecticut Clearinghouse: <https://www.ctclearinghouse.org/Topics/ScreeningTools.asp>

Hardin Library at University of Iowa: <http://guides.lib.uiowa.edu/psychiatry>

Health and Learning Resource Center: : http://trc.rmc.org/search/apachesolr_search/service%20to%20sobriety

European Monitoring Center for Drug Addictions: <http://www.emcdda.europa.eu/html.cfm/index98832EN.html>