

Curriculum Vitae

Name: Judith A. Callan PhD, RN

**Business Address: University of Pittsburgh
School of Nursing
3500 Victoria Street, Room 419B
Pittsburgh, PA 15261**

E-Mail Address: callanja@pitt.edu

Business Phone: 412-383-5321

Business Fax: 412-383-7293

Education and Training

Undergraduate

9/76 - 4/80	University of Pittsburgh School of Nursing Pittsburgh, PA	BSN Nursing Graduated Cum Laude Dean's List 1978-80
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Graduate

9/80-8-84 (Part-time)	University of Pittsburgh School of Nursing Pittsburgh, PA	MSN Psychiatric Nursing
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9/93-4/07 (Part-time)	University of Pittsburgh School of Nursing Pittsburgh, PA	PhD
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Postgraduate

6/07-06/09	University of Pittsburgh School of Nursing Pittsburgh, PA	T-32 Post-Doctoral Scholar T32 NR00885 (Erlen/Hoffman, PI's)
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07/09-14	University of Pittsburgh Clinical and Translational Science Award (NIH KL2 mechanism) Clinical and Translational Science	Multidisciplinary Clinical Research Scholar 8KL2TR000146-07 (Reis, PI)
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Institute

Appointments and Positions**Academic**

07/14- present	University of Pittsburgh School of Nursing Pittsburgh, PA	Assistant Professor
07/09-6/30/14	University of Pittsburgh School of Nursing Pittsburgh, PA	Research Assistant Professor
07/09-present	University of Pittsburgh Department of Psychiatry Pittsburgh, PA	Research Assistant Professor
09/09-present	University of Pittsburgh Department of Clinical and Translational Science Institute Pittsburgh, PA	Research Assistant Professor

Non-Academic

6/07-06/09	Western Psychiatric Institute and Clinic Pittsburgh, PA	Clinical Nurse Specialist
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This is a part-time research position at the Mood Disorders Treatment Program providing clinical evaluation, pharmacotherapy, and protocol CBT.

6/05-6/07	Western Psychiatric Institute and Clinic Pittsburgh, PA	Program Director
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This is a full-time research position in the Mood Disorders Treatment and Research Program providing comprehensive administrative responsibility for a large research clinic studying unipolar depression and bipolar disorder. Responsibilities include those listed below plus overall program direction and oversight.

8/94-6/05	Western Psychiatric Institute and Clinic Pittsburgh, PA	Senior Program Coordinator
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Membership in Professional and Scientific Societies

2004-current	Sigma Theta Tau
2006-current	Association for Behavioral and Cognitive Therapies
2010-current	Academy of Cognitive Therapy
2012-current	Behavioral Research in Diabetes Group Exchange (BRIDGE)
2012-current	International Society for Research on Internet Interventions (ISRII: charter member)
2014-current	American Diabetes Association

Honors

7/2010	Professional Colleague to the Academy of Cognitive Therapy
9/2010	Nursing Innovations Award, 2 nd Annual mHealth Networking Conference, San Diego California

Publications

**Listed under the names of Judith A. Lis (previous) and Judith A. Callan

Refereed Articles

Kelly, T.M., Soloff, P.H., Cornelius, J.R., George, A. and **Lis, J.A.** (1992). Can We Study (Treat) Borderline Patients? Attrition from Research and Open Treatment. *Journal of Personality Disorders*, 6:417-433.

Soloff, P.H., **Lis, J.A.**, Kelly, T., Cornelius, J., Ulrich, R. (1994). Risk factors for suicidal behaviour in BPD. *American Journal of Psychiatry*, 151(9): 1316-1323.

Soloff, P.H., **Lis, J.**, Kelly, T., Cornelius, J., and Ulrich, R. Self-mutilation and suicidal behaviour in borderline personality disorders (1994). *Journal of Personality Disorders*, 8(4): 257-267.

Crits-Cristoph, P., Siqueland, L., Blaine, J., Frank, A., Luborsky, L., Simon-Onken L., Muenz, L., Thase, M.E., Weiss, R.D., Gastfriend, D.R., Woody, G., Barber, J.P., Butler, S.F., Daley, D., Bishop, S., Najavits. L.M., **Lis, J.**, Mercer D., Griffin, M. L., Moras, K., & Beck, A.T. (1997). The National Institute on Drug Abuse collaborative cocaine treatment study: Rationale and methods. *Archives of General Psychiatry* 54:721-726.

Crits-Cristoph, P., Siqueland, L., Blaine, J., Frank, A., Luborsky, L., Simon-Onken L., Muenz, L., Thase, M.E., Weiss, R.D., Gastfriend, D.R., Woody, G., Barber, J.P., Butler, S.F., Daley, D., Salloum, I., Bishop, S., Najavits. L.M., **Lis, J.**, Mercer D., Griffin, M. L., Moras, K., & Beck, A.T. Psychosocial treatments for cocaine dependence: results of the National Institute on Drug Abuse collaborative cocaine treatment study (1999). *Archives of General Psychiatry* 56(1), 493-502.

Thase, M. E., Friedman, E. S., Berman, S. R., Fasiczka, A. L., Lis, J. A., Howland, R. H., & Simons, A. D. (2000). Is cognitive behavior therapy just a 'nonspecific' intervention for depression? A retrospective comparison of consecutive cohorts treated with cognitive behavior therapy or supportive counseling and pill placebo. *Journal of affective disorders*, 57(1), 63-71.

Thase, M.E., & **Callan, J.A.** (2006). The role of homework in cognitive behavior therapy of depression. *Journal of Psychotherapy Integration*, 16 (2), 162-177.

Callan, J. A., Sereika, S., Stone, C., Fasiczka, A., Jarrett, R.B., Thase, M.E., Dunbar-Jacob, J. (2012). Barriers to cognitive behavior therapy homework completion scale: Development and psychometric evaluation. *International Journal of Cognitive Therapy*, 5(2), 219-233.

Puskar, K., Schlenk, E.A., **Callan, J. A.** Bickmore, T., Sereika, S., Relational agent technology to improve medication adherence in schizophrenia: a preliminary report. (2011). *Journal of Psychosocial Nursing and Mental Health Services*, 49 (8), 22-29.

DeVito Dabbs, A.J., Song, M.K., Hawkins, R.P., Aubrecht, J.A., Kovach, K.A., Terhorst, L., Connolly, M., McNulty, M. & **Callan, J.** (2011). An intervention fidelity framework for technology-based behavioral interventions. *Nursing Research*. 60(5), 340-347.

Dunbar-Jacob, J., Sereika, S. M., Houze, M., Luyster, F. S. & **Callan, J. A.** (2012). Accuracy of Measures of Medication Adherence in a Once Daily Regimen. *Western Journal of Nursing Research*; 34, 578-597.

Jarrett, R. B., Minhajuddin, A., Kangas, J. L., Friedman, E. S., Callan, J. A., & Thase, M. E. (2013). Acute phase cognitive therapy for recurrent major depressive disorder: who drops out and how much do patient skills influence response? *Behaviour research and therapy*, 51(4), 221-230.

Callan, J. A., Siegle, G. J., Abebe, K., Black, B., Martire, L., Schulz, R., ... & Hall, M. H. (2016). Feasibility of a pocket-PC based cognitive control intervention in dementia spousal caregivers. *Aging & mental health*, 20(6), 575-582.

Callan, J. A., Kazantzis, J., Park, S.Y., Moore, C.G., Thase, M.E., Minhajuddin, A., Kornblith, S., Siegle, G.J. (2018) A Propensity Score Analysis of Homework Adherence and Outcomes in Cognitive Behavioral Therapy for Depression. *Behavior Therapy*, in press.

Callan, J. A., Rohay, J., McCall, M., Powell, B., Dunbar-Jacob, J. Differences in Medication Adherence in Late Middle Age and Elderly Sub-Populations: A Pooled Analysis of Four Chronic Medical Disorders (In preparation).

Callan, J. A., Siegle, G.J., Siminerio, L., McTigue, K., Sereika, S., Dunbar-Jacob, J. A Phone CBT Intervention Augmented with Smartphone Skills Practice to Address Negative Adherence Appraisals (In preparation, *Journal of Diabetes*).

Callan, J. A., Wright, J., Siegle, G. J., Howland, R. H., & Kepler, B. B. (2016). Use of Computer and Mobile Technologies in the Treatment of Depression. *Archives of Psychiatric Nursing*.

Callan, J.A., Wright, J., Siegle, G.J., Howland, R.H. Kepler, B.B. Advanced Technologies Based on Neuroscience for the Treatment of Depression (Revise and Resubmit, *Archives of Psychiatric Nursing*).

Book Chapters and Books

Daley, D.C. & **Lis, J.A.** (1995). Relapse prevention: Intervention strategies for mental health clients with co-morbid addictive disorders. In A. Washton (Ed.). Psychotherapeutic Approaches to Substance Abuse: A Practitioner's Handbook. (pp.243-263) New York, NY: Guilford Press,

Callan, J.A., & Wright, J. (2010). Mood Disorders. "In Cucciare, M.A. & Weingardt, K.R (Eds.). Using Technology to Support Evidence-Based Behavioral Health Practices: A Clinician's Guide. (pp. 3-26). New York, NY: Routledge

Other Publications

Completion of a master's thesis (1984), which researched the problem statement: "Is there a relationship between level of privilege status and level of disruptive behaviour in the borderline inpatient?"

Doctoral dissertation (2007) titled "Development of a Scale: The Barriers to CBT Homework Completion Scale." Dissertation advisor was Jacqueline Dunbar-Jacob, PhD, RN, FAAN. Additional committee members were Michael E. Thase, MD, Susan Sereika, PhD, Clement Stone, PhD, and Ellen Olshansky, DNSc, RN, FAAN.

Invited Articles

Callan, J.A., Howland, R.H., & Puskar K. (2009). Technology: New uses for psychiatric nursing intervention. *Journal of Psychosocial Nursing and Mental Health Services*, 47(1), 13-14.

Callan, J.A., Howland, R.H., & Puskar K. (2009). Economic anxiety. *Journal of Psychosocial Nursing and Mental Health Services*, 47(3), 13-14.

Callan, J.A. & Howland, R.H. (2009). Borderline personality disorder: Inpatient Psychiatric Nursing Management. *Journal of Psychosocial Nursing and Mental Health Services*, 47(5), 13-14.

Callan, J.A., Howland, R.H., & Puskar K. (2009). Adolescent depression: assessment and treatment. *Journal of Psychosocial Nursing and Mental Health Services*, 47(7), 13-14.

Callan, J.A., Howland, R.H., & Puskar K. (2009). Weight Gain with Atypical Antipsychotics in Bipolar Disorder: Nursing Management. *Journal of Psychosocial Nursing and Mental Health Services*, 47(9) 13-14.

Callan, J.A. & Howland, R.H. (2009). Alzheimer Caregivers: Nursing Care of the Caregivers

Journal of Psychosocial Nursing and Mental Health Services, 47(11) 13-14.

Callan, J. A., Thase, M.E. & Siegle, G.J. Advancing the Evidence and Approaches for Homework. *Advances in Cognitive Therapy Newsletter*, 11 (4) 8-10.

Research

Principal Investigator

MHRC Seed Proposal Funding to support doctoral research study “Development of a Scale: “Barriers to Cognitive Behavioral Therapy Homework Compliance Scale.” MH030915 funding was \$16,088.56.

Seed Funding by Beck Institute for Cognitive Therapy and Research (2007). Two thousand dollar grant to modify the instrument “Barriers to CBT Homework Completion Scale.”

Pilot funding of \$125,000 through NIH K12 award for the study “Improving CBT Homework Adherence in Depressed Patients Using Mobile Technology.”

Pilot Funding of \$5,000 through NIH KL2 award for the study "Feasibility of Training of Nurse Care Managers in Brief CBT Interventions to Improve Type 2 Diabetes Adherence."

Pilot Funding of \$2620 through the School of Nursing ehealth Hub for the study "Brief Technology-Supported Cognitive Behavior Therapy (CBT) Intervention for Type 2 Diabetes Nonadherence."

Pilot funding from the Central Research Development Funding (CRDF) is supporting (\$15,000) the military pilot “Reducing Mental Health Care Barriers and Stigma for Veterans of the OEF/OIF Engagements Using Smartphone Technology.”

Pilot funding Center for Research Evaluation (CRE) is adding additional support (\$15,000) for the military pilot “Reducing Mental Health Care Barriers and Stigma for Veterans of the OEF/OIF Engagements Using Smartphone Technology.”

Co-Investigator

“Understanding Barriers to Access and Effective Use of Patient Portals to Promote Engagement of Older Adults in Their Health Care” (PI: DeVito Dabbs, funder Aging Institute/Health Policy Institute).

Other Scholarly Activities

Development of an HIV training manual for the Collaborative Cocaine Study. This training module was used for all patients in the assessment phase of the study.

Training of all diagnosticians in the Cocaine Collaborative Study on the Hamilton Rating Scale for Depression.

National Institute of Mental Health
Health and Behavior Research: New Investigator Technical Assistance Workshop
Bethesda Maryland: June 30 and July 1, 2008

Invitations Accepted as Reviewer for the following Journals: Archives of Psychiatric Nursing; Cognitive Therapy and Research; Journal of Medical and Internet Research; Aging and Mental Health; Journal of Consulting and Clinical Psychology

Unpublished Presentations
(**International; National; Regional; Local**)

National

1. **Callan, J.A.**, Dunbar-Jacob, J., Thase, M.E., Jarrett, R.B., Stone, C., Fasiczka, A. Which barriers get in the way of homework completion the most? Poster presented at the Association for the Behavioral and Cognitive Therapies 41st annual convention, Philadelphia, PA. November 15 – 18, 2007.
2. **Callan, J.A.**, Dunbar-Jacob, J., Thase, M.E., Jarrett, R.B., Stone, C., Fasiczka, A. The barriers to CBT homework completion scale: Development and psychometric properties. Poster presented at the Association for the Behavioral and Cognitive Therapies 41st annual convention, Philadelphia, PA., November 15 – 18, 2007.
3. **Callan, J.A.**, Friedman, E.S., Siegle, G. J., Thase, M.E., Jarrett, R.J. & Minhajuddin, A. Predictors of Acute Phase Outcomes in the Prophylactic Cognitive Therapy for Recurrent Depression Study. Symposium presented at the Association for the Behavioral and Cognitive Therapies 42nd annual convention, Orlando, Fla., November 13-16, 2008.
4. **Callan, J.A.** Technology: An Adjunct in the Treatment of Mood Disorders” Washington State Psychological Association. November 11, 2009.
5. **Callan, J.A.**, Siegle, G.J., Dey, A., Spring, M. Rotondi, A., & Dunbar-Jacob, J. Formative Evaluation of Cognitive Behavioral Therapy Homework Content Area: Translating to a Mobile Phone for Improved Clinical Outcomes. Poster presentation at The 2010 Clinical and Translational Research and Education Meeting, Washington, D.C., April 5-7, 2010.
6. **Callan, J.A.**, Siegle, G.J., Dey, A., Spring, M. Rotondi, A., & Dunbar-Jacob, J. Barriers to CBT Homework: Identification of the problem and a potential technology-enhanced solution (CBT MobileWork). Poster presentation at the World Congress of Behavioral and Cognitive Therapies, June 2-4, 2010, Boston, Massachusetts.
7. **Callan, J.A.** & DeVito Dabbs, A. mHealth: Mobile technologies for enhancing health outcomes. Podium Presentation for Symposium at 2010 State of the Science Congress on Nursing Research September 27th- 29th, 2010, Washington, D.C.

8. **Callan, J.A.**, Siegle, G.J., Dey, A., Spring, M. Rotondi, A., & Dunbar-Jacob, J. CBT MobileWork: A Technological Solution to Improve Depression Outcomes. Poster presentation to the NIH funded 2010 MHealth Summit on Nov 8 -10, 2010, Washington, DC.
9. **Callan, J.A.**, Siegle, G.J., Dey, A., Spring, M. Rotondi, A., & Dunbar-Jacob, J. CBT MobileWork: A Technological Solution to Improve Depression Outcomes. Poster presentation at the 2011 ACRT/SCTS Annual Meeting: April 27-29, 2011, Washington D.C.
10. Yael Schenker, Y., Yonas, M., **Callan, J.**, Empey, P., Wang, W., Peck-Palmer, O. & Rubio. D.M. Teaching the Responsible Conduct of Research at the University of Pittsburgh. Poster presentation to the 2012 ACRT/SCTS Annual Meeting: April 17-20, 2012, Washington D.C.
11. Rohay, J., McCall, M., **Callan, J.A.** Powell, A.B., Dunbar-Jacob, J. Medication Adherence and Complexity Among Older Adults. Poster presented at "Celebrating Research on Aging: Building Collaborations for the Future", University of Pittsburgh, April 17, 2013, Pittsburgh, PA.
12. **Callan, J.A.**, Siegle, G., Dey, A., Rotondi, A., Spring, M., Sereika, S., & Dunbar-Jacob, J. CBT MobileWork[®]: Development and Testing of a Smartphone Application to Promote Homework Adherence. Podium presentation for The International Society for Research in Internet Interventions (ISRII) on May 16-18, 2013, Chicago, Illinois.
13. **Callan, J.A.** Apps: The Ethics of Electronic Use in Treatment. Podium presentation for the Anxiety and Depression Association of America (ADAA) on March 29, 2014, Chicago, Illinois.
14. **Callan, J.A.**, Siegle, G.J., Siminerio, L., McTigue, K., Sereika, S. Smartphone Skills Enhances Cognitive Behavioral Therapy (CBT) Intervention Addressing Adherence and Distress with Type2 Diabetes Mellitus (T2D). Poster presented for the American Diabetes Association conference on June 7, 2015, Boston, Massachusetts.
15. **Callan, J.A.**, Kasckow, J., Haas, G., Rotondi, A., Spring, M. Reducing Mental Health Barriers and Stigma for Veterans of the OEF/OIF Engagements Using Smartphone Technology. Poster presentation for the Veterans Journey to Achieving Wellness: Successful Reintegration in Civilian Life conference on September 10 to 11, 2015, Pittsburgh, Pennsylvania.
16. **Callan, J.A.**, Siegle, G.J., Siminerio, L., McTigue, K., Sereika, S. Brief Cognitive Behavioral Interventions Delivered by Health Coaches to Improve Type 2 Diabetes Outcomes. Poster presented for the American Diabetes Association conference on June 10, 2016, New Orleans, Louisiana.
17. **Irizarry T**, Nilsen M, Shoemake J, Callan J, Beach S, Czaja S, DeVito Dabbs A (March 2017). The possibilities and limitations of a patient portal as a tool for older adults' engagement in their healthcare. Symposium Presentation at The Patient, the Practitioner, and the Computer Conference, Alpert Medical School, Brown University Providence, Rhode Island.
18. **Callan, J.A.**, Haas, G., Kasckow, J., and Tamres, L. Content for a Cognitive Behavioral Therapy App Identified by Veterans of the Iraq and Afghanistan Conflicts and VA Therapists. Poster presentation at the Conference of the Society of Behavioral Medicine on April 11, New Orleans, Louisiana.

Regional

1. **Callan, J.A.** Cognitive Behavioral Therapy (CBT) Homework Compliance. Presentation given at Advances in the Treatment of Mood Disorders: 2007. Sheraton Station Square, March 2, 2007. A conference sponsored by Western Psychiatric Institute and Clinic Mental Health Conference Planning and University of Pittsburgh School of Medicine Center for Continuing Education in the Health Sciences.
2. **Callan, J.A.** “Decreasing Barriers to CBT Homework through Technology” VA Highland Drive, The Mental Illness Research, Education and Clinical Centers (MIRECC) Meeting, Dec. 10, 2009.
3. **Callan, J.A.** "Clinical Management of Borderline Personality Disorder” Western State Hospital, Staunton Virginia, September 14, 2011.
4. **Callan, J.A.** Technology and the Treatment of Mood Disorders. Presentation given at Advances in the Treatment of Mood Disorders: 2011. Sheraton Station Square, October 9, 2011. A conference sponsored by Western Psychiatric Institute and Clinic Mental Health Conference Planning and University of Pittsburgh School of Medicine Center for Continuing Education in the Health Sciences.
5. **Callan, JA.** Cognitive Behavior Therapy: Homework Compliance. Presentation given to clinicians at St. Clair Hospital, Upper St. Clair, PA. April 25 & May 2, 2013
6. **Callan, J.A.,** Kasckow, J., Haas, G., Rotondi, A., Spring, M. Reducing Mental Health Barriers and Stigma for Veterans of the OEF/OIF Engagements Using Smartphone Technology: CBT MobileWork-V. Presentation for MIRECC/GRECC Center at the Veterans Hospital of Pittsburgh Health System on March 18, 2016, Pittsburgh, Pennsylvania.
7. **Callan, J.A.,** Kasckow, J., Haas, G., Rotondi, A., Spring, M. Reducing Mental Health Barriers and Stigma for Veterans of the OEF/OIF Engagements Using Smartphone Technology. Poster presentation for the Veterans Journey to Achieving Wellness: Successful Reintegration in Civilian Life conference on September 10 to 11, 2015, Pittsburgh, Pennsylvania.
8. **Callan, J.A.,** Dey, A., Kornblith, S.J. Using Mobile Technology to Support Self-Management of Chronic Disorders, Podium presentation for the 2nd Integrative Conference on Technology, Social Media, and Behavioral Health of the Center for Behavioral Health and Smart Technology on November 10 to 11, 2016, Pittsburgh, Pennsylvania.

Teaching

Primary Teacher

Term / Years	Course Number & Title	No. of Students	Level	Didactic or Clinical
Winter 2000	NUR 1800/2800 Coordinating Clinical Trials	25	Grad	Didactic

Winter 2008	NURNP 2400 Neurobiology of Psychiatric Disorders	5	Grad	Didactic
Spring 2010	NUR 1060 Psychiatric Nursing	7	Under Grad	Clinical
Summer 2010	NUR 1060 Psychiatric Nursing	6	Under Grad	Clinical
Fall 2010	NUR 1060 Psychiatric Nursing	14	Under Grad	Clinical
Spring 2011	NUR 1060 Psychiatric Nursing	16	Under Grad	Clinical
Summer 2011	NUR 1060 Psychiatric Nursing	7	Under Grad	Clinical
Winter 2012	NUR 1060 Psychiatric Nursing	8	Under Grad	Clinical
Spring 2012	NUR 1060 Psychiatric Nursing	7	Under Grad	Clinical
Summer 2013	NUR 1060 Psychiatric Nursing	24	Under Grad	Course Instructor
Fall 2013	NUR 1060 Psychiatric Nursing	16	Under Grad	Clinical
Winter 2014	NUR 1060 Psychiatric Nursing	16	Under Grad	Clinical
Spring 2014	NUR 1060 Psychiatric Nursing	16	Under Grad	Clinical
Summer 2014	NUR 1060 Psychiatric Nursing	28	Under Grad	Course Instructor
Fall 2014	NUR 1060 Psychiatric Nursing	92	Under Grad	Course Instructor
Winter 2015	NUR 1060 Psychiatric Nursing	88	Under Grad	Clinical Coordinator
Spring 2015	NUR 1060 Psychiatric Nursing	88	Under Grad	Clinical Coordinator
Summer 2015	NUR 1060 Psychiatric Nursing	24	Under Grad	Clinical Coordinator
Fall 2016	NUR 1060 Psychiatric Nursing	83	Under Grad	Clinical Coordinator
Spring 2016	NUR 1060 Psychiatric Nursing	83	Under Grad	Clinical Coordinator
Summer 2016	NUR 1060 Psychiatric Nursing	20	Under Grad	Clinical Coordinator
Fall 2017	NUR 1060 Psychiatric Nursing	83	Under Grad	Clinical Coordinator
Spring 2017	NUR 1060 Psychiatric Nursing	89	Under Grad	Clinical Coordinator
Summer	NUR 1060 Psychiatric Nursing	25	Under	Clinical

2017			Grad	Coordinator
Fall 2018	NUR 1060 Psychiatric Nursing	72	Under Grad	Course Instructor & Clinical Coordinator
Spring 2018	NUR 1060 Psychiatric Nursing	89	Under Grad	Course Instructor & Clinical Coordinator
Summer 2018	NUR 1060 Psychiatric Nursing	26	Under Grad	Course Instructor & Clinical Coordinator

Service

Co-President of Behavioral and Research in Diabetes Group Exchange (BRIDGE) 2015-2016

American Diabetes Association Abstract reviewer in 2016

Reviewer of smartphone apps for the Anxiety and Depression Association of America in 2015

University of Pittsburgh School of Nursing Admissions, Progression, and Graduation Committee, committee member 2016-2018.

University of Pittsburgh School of Nursing adhoc committees (committee member): 1) Refreshing the curriculum task force, education subcommittee; 2) Improving student writing committee and 3) The review committee for student scholarships