

Daniel Patrick Moriarity, PhD

Curriculum Vitae

University of California, Los Angeles
Dmoriarity@mednet.ucla.edu

Education/Training:

- 2022–Present **University of California, Los Angeles**
Postdoctoral Fellow
Department of Psychiatry and Biobehavioral Sciences
UCLA Laboratory for Stress Assessment and Research
PI: George M. Slavich, PhD
- 2022–Present **Stanford University**
Visiting Postdoctoral Fellow
Department of Genetics
Snyder Lab
PI: Michael Snyder, PhD
- 2021–2022 **McLean Hospital/Harvard Medical School**
Clinical Internship
- 2015–2022 **Temple University**
Doctorate of Philosophy, Clinical Psychology (Concentration in Quantitative Methods)
GPA: 3.97/4.00
Dissertation: *A physiometric investigation of inflammatory composites: Comparison of “a priori” aggregates, empirically-identified factors, and individual proteins*
Master’s Thesis: *An immunocognitive model of depression secondary to anxiety in adolescents*
PI: Lauren B. Alloy, PhD
- 2010–2014 **Elmira College**
Bachelor of Arts, Psychology, Summa Cum Laude
GPA: 3.91/4.00

Research Funding:

- 2022 NIMH F32 Postdoctoral Fellowship- Impact Score: 22, 14th percentile
2022 Friends of Semel Grant Finalist
2021 APF Visionary Grant (\$20,000)
2020 NIMH F31 Predoctoral Fellowship- Impact Score: 20, 10th percentile
2020 APF/COGDOP Scholarship (\$2,000)
2020 APA Dissertation Award (\$1,000)
2020 Sigma Xi Grant (\$500)
2019 Weinstein Award (\$3,500)
2016 APAGS/Psi Chi Junior Scientist Fellowship (\$1,000)

Travel Awards:

- 2020 2020 Society of Biological Psychiatry Travel Fellowship Award (\$2,000)
2019 Temple University Graduate School International Travel Award (\$500)

2019	Temple University College of Liberal Arts International Travel Award (\$500)
2015 - 2019	Temple University Department of Psychology Travel Awards (\$300 - \$350 each year)
2017	APSSC APS Travel Award (\$300)
2016 - 2017	Temple University College of Liberal Arts Travel Awards (\$300 each)

Other Honors and Awards:

2021	APA Advanced Training Institute on Structural Equation Modeling in Longitudinal Research
2021	ECNP Immuno-NeuroPsychiatry Bordeaux Summer School
2020	Spring Semester Graduate Student Spotlight, Temple Psychology Department
2018 - 2020	Commendations for Excellence- Temple Clinical Psychology Program, Spring 2020, Fall 2019, Spring 2019, Fall 2018
2019	Student Flash Talk, Society for Research in Psychopathology
2019	APF/COGDOP Scholarship Department Nomination
2018	Smadar Levin Finalist, Society for Research in Psychopathology
2018	ABCT Graduate Student Research Grant, Honorable Mention
2017	APF/COGDOP Scholarship Department Nomination

Publications:

Moriarty, D.P., Grehl, M., Walsh, R., Roos, Lydia, Slavich, G.M., & Alloy, L.B. (*in press*). A systematic review of associations between emotion regulation characteristics and inflammation. *Neuroscience & Biobehavioral Reviews*.

Moriarty, D.P., Slavich, G.M., Alloy, L.B., & Olino, T.M. (2023). Hierarchical inflammatory phenotypes of depression: A novel approach across five independent samples and 27,730 adults. *Biological Psychiatry*, 93(3), 253-259. <https://doi.org/10.1016/j.biopsych.2022.08.017>

Slavich, G.M., Roos, L.G., Mengelkoch, S., Webb, C.A., Shattuck, E.C., **Moriarty, D.P.**, Alley, J. C. (*in press*). Social Safety Theory: Conceptual foundations and future directions. *Health Psychology Review*.

Kautz, M.M., McArthur, B.A., **Moriarty, D.P.**, Ellman, L.M., Klugman, J., Coe, C.L., Abramson, L.Y., & Alloy, L.B. (2023). The impact of early and recent life stress on trajectories of inflammatory biomarkers in a diverse sample of adolescents. *Research on Child and Adolescent Psychopathology*. <https://doi.org/10.1007/s10802-023-01026-3>

Moriarty, D.P., Joyner, K., Slavich, G. M., & Alloy, L. B. (2022). Unconsidered issues of measurement noninvariance in biological psychiatry: A focus on biological phenotypes of psychopathology. *Molecular Psychiatry*, 27, 1281-1285. <https://doi.org/10.1038/s41380-021-01414-5>

Moriarty, D.P., Kautz, M.M., Ghias, K., Pennypacker, K., Harmon-Jones, E., Alloy, L.B. (2022). Protocol for Project MIME: Motivation, Inflammation, and Mood in Emerging Adults. *Brain, Behavior, and Immunity – Health*, 26, 100520. <https://doi.org/10.1016/j.bbih.2022.100520>

Moriarty, D.P. (2022). A primer on common analytic concerns in psychoneuroimmunology: Alternatives and paths forward. *Brain, Behavior, and Immunity*, 102, 338-340. <https://doi.org/10.1016/j.bbi.2022.03.007>

Toussaint, L, **Moriarty, D.P.**, Kamble, S., Williams, D.R., & Slavich, G.M. (2022). Inflammation and depression symptoms are most strongly associated for black adults. *Brain, Behavior, and Immunity – Health*, 26, 100552. <https://doi.org/10.1016/j.bbih.2022.100552>

Moriarty, D.P., Ellman, L.M., Coe, C.L., Olino, T.M., & Alloy, L.B. (2021). A physiometric investigation of inflammatory composites: Comparison of “a priori” aggregates, empirically-identified factors, and individual proteins. *Brain, Behavior, and Immunity – Health*, 18, 100391. <https://doi.org/10.1016/j.bbih.2021.100391>

Moriarty, D.P. (2021). Building a replicable and clinically-impactful immunopsychiatry: Methods, phenotyping, and theory integration. *Brain, Behavior, and Immunity – Health*, 16, 100288. <https://doi.org/10.1016/j.bbih.2021.100288>

Moriarty, D.P. & Alloy, L.B. (2021). Back to basics: The importance of measurement properties in biological psychiatry. *Neuroscience & Biobehavioral Reviews*, 123, 72-82. <https://doi.org/10.1016/j.neubiorev.2021.01.008>

Moriarty, D. P., Van Borkulo, C., & Alloy, L.B. (2021). Inflammatory phenotype of depression symptom structure: A network perspective. *Brain, Behavior, and Immunity*, 93, 35-42. <https://doi.org/10.1016/j.bbi.2020.12.005>

Moriarty, D.P., Horn, S., Kautz, M. M., Haslbeck, J., & Alloy, L.B. (2021). How handling extreme C-reactive protein (CRP) values and regularization influences CRP and depression criteria associations in network analyses. *Brain, Behavior, and Immunity*, 91, 393-403. <https://doi.org/10.1016/j.bbi.2020.10.020>

Chat, I. K., Nusslock, R., **Moriarty, D. P.**, Bart, C. P., Mac Giollabhui, N., Damme, S.F., Carroll, A., Miller, G. E., & Alloy, L. B. (2021). Goal-striving tendencies moderate the relationship between reward-related brain function and peripheral inflammation. *Brain, Behavior, and Immunity*, 94, 60-70. <https://doi.org/10.1016/j.bbi.2021.03.006>

Mac Giollabhui, N., Swistun, D., Stumper, A., **Moriarty, D.P.**, Coe, C.L., Ellman, L.M., Abramson, L.Y., & Alloy, L.B., (2021). Concurrent and longitudinal associations of sex and race with inflammatory biomarkers in adolescence. *Journal of Youth and Adolescence*. <https://doi.org/10.1007/s10964-020-01369-w>

Moriarty, D. P., Bart, C., Stumper, A., Jones, P. J., & Alloy, L.B. (2021). Mood symptoms and impairment due to substance use: A network perspective on comorbidity. *Journal of Affective Disorders*, 278, 423-432. <https://doi.org/10.1016/j.jad.2020.09.086>

Moriarty, D.P. & Alloy, L.B. (2020). Beyond diagnoses and total symptom scores: Diversifying the level of analysis in psychoneuroimmunology research. *Brain, Behavior, and Immunity*, 89, 1–2. doi:10.1016/j.bbi.2020.07.002

Moriarty, D.P., Kautz, M., Mac Giollabhui, N., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2020). Bidirectional associations between inflammatory biomarkers and depressive symptoms in adolescents: Potential causal relationships. *Clinical Psychological Science*, 8(4), 690-703. <https://doi.org/10.1177/2167702620917458>

Moriarty, D.P., Ng, T., Curley, E., McArthur, B.A., Ellman, L.M., Coe, C.L., Abramson, L.Y., & Alloy, L.B. (2020). Reward sensitivity, cognitive response style, and inflammatory response to an acute stressor in adolescents. *Journal of Youth and Adolescence*, 49, 2149–2159. <https://doi.org/10.1007/s10964-020-01216-y>

Moriarty, D.P., Ng, T., Titone, M., Chat, I., Nusslock, R., Miller, G.E., & Alloy, L.B. (2020). Reward responsiveness and ruminative styles interact to predict inflammation and mood symptomatology. *Behavior Therapy*, 51(5), 829-842. <https://doi.org/10.1016/j.beth.2019.11.007>

Mac Giollabhui, N., Swistun, D., Murray, S., **Moriarty, D.P.**, Kautz, M. M., Ellman, L. M., Olinio, T. M., Coe, C. L., Abramson, L. Y., Alloy, L. B. (2020). Depression and executive dysfunction: Examining the role of higher body mass and inflammation. *Psychological Medicine*, 50, 683-691. <https://doi.org/10.1017/S0033291719000564>

Moriarty, D.P., Mac Giollabhui, N., Ellman, L.M., Klugman, J., Coe, C.L., Abramson, L.Y., & Alloy, L.B. (2019). Inflammatory biomarkers differentially predict change in depressive symptoms over time in male and female adolescents. *Clinical Psychological Science*. 7(4), 754-767. <https://doi.org/10.1177/2167702619826586>

Stumper, A., **Moriarty, D.P.**, Coe, C.L., Ellman, L.M., Abramson, L.Y., & Alloy, L.B. (2019). Pubertal status and age differentially affect inflammatory biomarkers in female and male adolescents. *Journal of Youth and Adolescence*. 49. 1379-1392. <https://doi.org/10.1007/s10964-019-01101-3>

Bernstein, E.E., Kleiman, E.M., van Bork, R., **Moriarity, D.P.**, Mac Giollabhui, N., McNally, R.J., Abramson, L.Y., & Alloy, L.B. (2019). Unique and predictive relationships between components of cognitive vulnerability and symptoms of depression. *Depression and Anxiety*, 36, 950-959. <https://doi.org/10.1002/da.22935>

Alloy, L.B., Mac Giollabhui, N., Graham, A.A., Stumper, A., Bart, C.P., Curley, E.E., McLaughlin, L.E., **Moriarity, D.P.**, & Ng, T.H. (2019). In J.E. Maddux & B.A. Winstead (Eds.), *Psychopathology: Foundations for a contemporary understanding* (5th ed.). New York: Routledge

Moriarity, D.P., McArthur, B.A., Ellman, L.M., Coe, C.L., Abramson, L.Y., & Alloy, L.B. (2018). Immunocognitive model of depression secondary to anxiety in adolescents. *Journal of Youth and Adolescence*. 47(12), 2625–2636. <https://doi.org/10.1007/s10964-018-0905-7>

Rausch, E., Racz, S.J., Augenstein, T.M., Keeley, L., Lipton, M.F., Szollos, S., Riffle, J., **Moriarity, D.P.**, Kromash, R., & De Los Reyes, A. (2017). A multi-informant approach to measuring depressive symptoms in clinical assessments of adolescent social anxiety using the Beck Depression Inventory-II: Convergent, incremental, and criterion-related validity. *Child and Youth Care Forum*, 46(5), 661-683. <https://doi.org/10.1007/s10566-017-9403-4>

Alloy, L.B., Ng, T., & **Moriarity, D.P.** (2016). Bipolar mood disorder. In Zeigler-Hill V. & Shackelford T. (Eds.), *Encyclopedia of Personality and Individual Differences*. Springer, Cham.

Publications: Manuscripts Under Review

Moriarity, D.P., Mengelkoch, S., & Slavich, G.M. (*revision invited*). Incorporating causal inference perspectives into psychoneuroimmunology: A simulation study highlighting concerns about controlling for adiposity in immunopsychiatry. *Brain, Behavior, & Immunity*.

Moriarity, D.P., Mengelkoch, S., & Slavich, G.M. (*under review*). The future of immunopsychiatry is dynamic: A call for intensive longitudinal data collection.

Moriarity, D.P., MacGiollabhui, N., Hartman, C. (*under review*). Longitudinal measurement invariance of the ASEBA Youth/Adult Reports across the transition from adolescence to adulthood.

Rengasamy, M., **Moriarity, D.P.**, Kraynak, T., Tervo-Clemmens, B., Price, R. (*under review*). Exploring the multiverse: the impact of researchers' analytic decisions on relationships between depression and inflammatory markers.

Invited Talks:

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| 2023 | "It Takes Two to Tango: The Interplay Between Applied and Methodological Research in Building a Replicable and Clinically Impactful Immunopsychiatry"
Quantitative Brownbag
University of California, Davis |
| 2022 | "Building a replicable & clinically-impactful immunopsychiatry: Physiometrics, phenotyping, and theory integration"
Job talk- Clinical Psychology Department
Yale University
Gave a job talk on how attention to measurement properties, phenotyping psychiatric disorders, and integrating biological risk factors into robustly supported biopsychosocial theories can improve the replicability and clinical impact of psychological and psychiatric research, using immunopsychiatry as a running example. |
| 2022 | "Building a replicable & clinically-impactful immunopsychiatry: Physiometrics, phenotyping, and theory integration" |

Advancing Research on Change Lab
Colorado State University

Gave a lecture on how attention to measurement properties, phenotyping psychiatric disorders, and integrating biological risk factors into robustly supported biopsychosocial theories can improve the replicability and clinical impact of psychological and psychiatric research, using immunopsychiatry as a running example.

2022 "What Psychiatric Biotypes Mean for Analyzing Symptom Sum Scores: Considering Measurement Noninvariance"
Immunopsychiatry Meetings
King's College London, London, UK

Gave a lecture on how biological phenotypes invariably induce measurement noninvariance in symptom total scores using a combination of simulated data and empirical data on CRP and depression symptoms.

2022 "Inflammatory Phenotyping of Depression: Substantive and Methodological Implications"
Laboratory for Affective and Translational Neuroscience
McLean Hospital, Belmont, MA

Gave a presentation on a project demonstrating CRP has unique associations with both latent depression and neurovegetative symptoms when analyzed using multiple indicator-multiple cause models.

2020 "Inflammation and Depression in Adolescents: Timing is Key"
Child Psychopathology Seminar
University of Washington, Seattle, WA

Gave a lecture on the importance of time as a methodological consideration in the study of adolescence, presenting two published studies on inflammation and depression.

Conference Symposium Presentations:

Moriarity, D.P., Grehl, M., Walsh, R., Roos, Lydia, Slavich, G.M., & Alloy, L.B. (2022). A Systematic Review of the Relationships between Emotion Regulation Characteristics and Inflammation: Towards Integrated Immunocognitive Models of Psychopathology Risk. In H. Zainal and M. Newman (Chairs), *Frontiers in Transdiagnostic Perspectives: Exploring Immune and Endocrine Markers as Potential Missing Links in Common Mental Disorders*. Talk presented at the 56th Association of Behavioral and Cognitive Therapies Annual Convention.

Moriarity, D.P., Ellman, L.M., Coe, C.L., Olino, T.M., & Alloy, L.B. (2022). A psychometric investigation of inflammatory composites: Comparison of "a priori" aggregates, empirically-identified factors, and individual proteins. In **D. P. Moriarity** and M. Byrne (Chairs), *Why Measurement Matters for Clinically-Impactful Research: Applied Psychometrics in Immunopsychiatry and Psychoneuroendocrinology*. Talk presented at the 77th Society of Biological Psychiatry Annual Convention.

Eisenlohr-Moul, T., **Moriarity, D.P.**, Rubinow, D., Girdler, S, Walsh, E. (2022). Temporal specificity of inflammatory biomarker and depression symptom associations across the menstrual cycle. In **D. P. Moriarity** and M. Byrne (Chairs), *Why Measurement Matters for Clinically-Impactful Research: Applied Psychometrics in Immunopsychiatry and Psychoneuroendocrinology*. Talk presented at the 77th Society of Biological Psychiatry Annual Convention.

Gruber, J., Young, G., LeMoult, J., Borelli, J.L., Nusslock, R., Mason, L., Rutledge, R., Alloy, L.B., Bullock, B., Kamble, S., Jopling, E., Ibonie, S.G., Holley, S.R., **Moriarity, D.P.**, Munsinger, J., Pfeifer, J.H., Strauss, G., Van Bavel, J., Weinstock, L., Villanueva C.M., & Mauss, I.B. (2021). Affective Predictors of Psychological Health Changes in Emerging Adults Before and During the COVID-19 Pandemic: A Multi-Site Longitudinal Natural Experiment. Talk presented at the 34th Society for Research in Psychopathology Annual Convention.

Moriarity, D. P., Bart, C., Stumper, A., Jones, P. J., & Alloy, L. B. (2020). Mood symptoms and impairment due to substance use: A network perspective on comorbidity. In **D. P. Moriarity** and P. Jones (Chairs), A Complexity Perspective on Comorbidity: Identifying Replicable Patterns using a Network Approach. Talk presented at the 54th Association of Behavioral and Cognitive Therapies Annual Convention.

Moriarity, D.P., Alloy, L.B., Kautz, M., Mac Giollabhui, N., Ellman, L.M., Coe, C., & Abramson, L.Y. (2020). Bidirectional associations between inflammatory biomarkers and depressive symptoms in adolescents: Potential causal relationships. In **D. P. Moriarity** and C. Pariante (Chairs), The Neuroimmunology of Depression: Beyond Diagnoses. Talk presented at the 75th Society of Biological Psychiatry Annual Convention.

Moriarity, D.P., van Borkulo, C., & Alloy, L.B. (2020). Inflammatory phenotype of depression symptoms: A network perspective. In **D. P. Moriarity** and C. Pariante (Chairs), The Neuroimmunology of Depression: Beyond Diagnoses. Talk presented at the 75th Society of Biological Psychiatry Annual Convention.

Moriarity, D.P., van Borkulo, C., Mac Giollabhui, N., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2019). Inflammatory phenotype of depressive and anxious symptoms: A network perspective. In E. Fried (Chair), Using network models to explore differential relations between individual depression symptoms and various biological markers. Talk presented at the 53rd Association of Behavioral and Cognitive Therapies Annual Convention.

Kautz, M. M., **Moriarity, D.P.**, Horn, S., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2019). Inflammatory biomarkers and symptoms of depression: A network replication. In E. Fried (Chair), Using network models to explore differential relations between individual depression symptoms and various biological markers. Talk presented at the 53rd Association of Behavioral and Cognitive Therapies Annual Convention.

Moriarity, D.P., van Borkulo, C., Mac Giollabhui, N., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2019). Comparison of networks of depression and anxiety symptoms in adolescents with high vs. low inflammation. In P. Jones (Chair), A symptom-based approach to depression using network analysis. Talk presented at the 3rd Biennial International Convention of Psychological Science.

Bernstein, E.E., Kleiman, E.M., van Bork, R., **Moriarity, D.P.**, Mac Giollabhui, N., Abramson, L.Y., & Alloy, L.B. (2019). Unique and predictive relationships between components of cognitive vulnerability and symptoms of depression. In P. Jones (Chair), A symptom-based approach to depression using network analysis. Talk presented at the 3rd Biennial International Convention of Psychological Science.

Moriarity, D.P., Ng, T., Titone, M., Chat, I., Nusslock, R., Miller, G. E., & Alloy, L. B. (2018). Reward sensitivity and ruminative response styles for positive and negative affect interact to predict inflammation and mood symptomatology. In B. Katz (Chair), A multimodal approach to abnormal reward processing and affective psychopathology. Talk presented at the 52nd Association of Behavioral and Cognitive Therapies Annual Convention.

Alloy, L. B., Chat, I., **Moriarity, D.P.**, Miller, G., & Nusslock, R. (2018). Associations between inflammation and reward-related brain function in individuals with and at risk for bipolar spectrum disorders. In R. Nusslock (Chair), Neuroimmune signaling in the pathophysiology of mental and physical illness. Talk presented at the 32nd Society for Research in Psychopathology Annual Convention.

Alloy, L. B., Chat, I., **Moriarity, D.P.**, Miller, G., & Nusslock, R. (2018). Risk for bipolar spectrum disorders and associations between inflammation and reward-related brain function. In L. Ellman (Chair), Exposure to inflammation and psychopathology: Transdiagnostic considerations from the womb through young adulthood. Talk presented at the 73rd Society of Biological Psychiatry Annual Scientific Convention.

Kautz, M.M., **Moriarity, D.P.**, Curley, E., McArthur, B.A., & Alloy, L. (2018). Longitudinal profiles of inflammatory response following early life stress. In S. Horn (Chair), Examining immune functioning and adversity: Novel methodologies and considerations for replicability. Symposium presented at the 30th Association for Psychological Science Annual Convention.

Nusslock, R., Alloy, L. B., Chat, I., **Moriarity, D.P.**, & Miller, G. (2017). Early-life adversity and health across the lifespan: A neuroimmune network hypothesis. In L. Sylvia (Chair), Understanding the underlying mechanisms of bipolar disorder: Preliminary data on inflammation. Talk presented at the 51st Association of Behavioral and Cognitive Therapies Annual Convention.

Conference Talks:

Moriarity, D.P., Slavich, G.M., Alloy, L.B., & Olino, T.M. (2022). Beyond symptom-level & toward hierarchical biotypes of psychopathology. To be presented as part of the Innovative Ideas Series at the 2022 Society for Research in Psychopathology Annual Convention.

Moriarity, D.P., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2021). Bidirectional cross-lagged panel network modeling of inflammatory biomarkers and depression subscales. Paper presented at the 2021 Society of Biological Psychiatry Annual Convention.

Moriarity, D.P., Kautz, M., Mac Giollabhui, N., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2019). Bidirectional associations between inflammatory biomarkers and depressive symptoms in adolescents: Potential causal relationships. Paper presented at the first annual student flash talks at the 33rd Society for Research in Psychopathology Annual Convention.

Chat, I., Bart, C.P., Ng, T.H., **Moriarity, D.P.**, Nusslock, R., Miller, G.E., & Alloy, L.B. (2019). Increased rates of reward-relevant life events predict neural risk for bipolar disorders in reward-hypersensitive individuals. Paper presented at the annual meeting of the American Psychosomatic Society, Vancouver, BC, Canada.

Chat, I., Nusslock, R., **Moriarity, D.P.**, Miller, G. E., & Alloy, L. B. (2018). Increased systemic inflammation associated with enhanced reward related brain function in emerging adulthood. Paper accepted for presentation at the 76th American Psychosomatic Society Annual Convention.

Conference Poster Presentations:

Villanueva, C., Joachimsthaler, J., Young, G., Mauss, I., Weinstock, L., Ford, B., Alloy, L., Borelli, J., Bullock, B., Ibonie, S., Jopling, E., Kamble, S., LeMoult, J., Holley, S., Mason, L., **Moriarity, D.P.**, Nusslock, R., Okuma, A., Rutledge, R., Strauss, G., Bavel, J., Gruber, J. (2022). Association between happiness beliefs and mania and depression severity: Multi-site comparison of Latinx, Asian, and White emerging adults. Poster presented at the 35th Society for Research in Psychopathology Annual Convention.

Hargrove, R., Young, G., Mauss, I., Ford, B., Alloy, L., Borelli, J., Bullock, B., Holley, S., Ibonie, S., Kamble, S., LeMoult, J., Mason, L., **Moriarity, D.P.**, Nusslock, R., Okuma, A., Rutledge, R., Strauss, G., Villanueva, C., Weinstock, W., Gruber, J. (2022). Suicidal ideation and mood disorder risk and mood severity in emerging adults. Poster presented at the 35th Society for Research in Psychopathology Annual Convention.

Ibonie, S., Young, G., Ploe, M., Mauss, I., Ford, B., Alloy, L., Borelli, J., Bullock, B., Holley, S., Jopling, E., Kamble, S., LeMoult, J., Mason, L., **Moriarity, D.P.**, Nusslock, R., Okuma, A., Rutledge, R., Strauss, G., Villanueva, C., Gruber, J. (2022). A tale of two social sides? Bipolar disorder risk and social network and connection dimensions in a multi-site sample of emerging adults. Poster presented at the 35th Society for Research in Psychopathology Annual Convention.

Moriarity, D.P., Joyner, K., Alloy, L. B., & Olino, T. (2021). Psychiatric phenotypes induce scalar noninvariance: An illustration with the inflammatory phenotyping of depression and moderated nonlinear factor analyses. Poster presented at the 34th Society for Research in Psychopathology Annual Convention.

Mac Giollabhui, N., Hartman, C., Coe, C.L., Ellman, L.M., **Moriarity, D.P.**, Abramson, L.Y. & Alloy, L.B. (2021). Inflammation as a potential causal mechanism explaining the association between depression and executive functioning. Poster presented at the 34th Society for Research in Psychopathology Annual Convention.

Moriarity, D.P., Ellman, L.M., Coe, C.L., Abramson, L.Y., & Alloy, L.B. (2021). The physiometrics of inflammatory proteins and implications for medical and psychiatric research: Investigation of empirically-informed inflammatory composites. Poster presented at ECNP Immuno-NeuroPsychiatry 2021.

Chat, I. K., Nusslock, R., **Moriarity, D. P.**, Bart, C. P., Mac Giollabhui, N., Damme, S.F., Carroll, A., Miller, G. E., & Alloy, L. B. (2021). Goal-striving tendencies moderate the relationship between reward-related brain function and peripheral inflammation. Poster presented at the 2021 PsychoNeuroImmunology Research Society Convention.

Moriarity, D.P., Olino, T., Coe, C., Ellman, L.M., Abramson, L.Y., & Alloy, L.B. (2021). Empirically-derived composite inflammation scores: Implications for longitudinal depression research. Poster presented at the 2021 Society of Biological Psychiatry Annual Convention.

Mac Giollabhui, N., Hartman, C., Coe, C.L., Ellman, L.M., **Moriarity, D.P.**, Abramson, L.Y. & Alloy, L.B. (2021). Inflammation as a potential causal mechanism explaining the association between depression and executive functioning. Poster presented at the 2021 Society of Biological Psychiatry Annual Convention.

Titone, M.K., Ng, T.H., **Moriarity, D.P.**, Walsh, R.F.L., Goel, N., & Alloy, L.B. (2021). Impulsivity and Sleep and Circadian Rhythm Disturbance Predict Next-Day Mood Symptoms in a Sample at High Risk for Bipolar Disorder: An EMA Study. Poster presented at the 2021 Society of Biological Psychiatry Annual Convention.

Walsh, R. F. L., **Moriarity, D. P.**, Ng, T. H., Titone, M. K., Goel, N., & Alloy, L. B. (April 2020). Reward sensitivity and social rhythm disruption during goal-striving: A phase-temporal approach to ecological momentary assessment data. Poster presented at the 2021 Society of Biological Psychiatry Annual Convention.

Moriarity, D.P., Ng, T., Curley, E., McArthur, B.A., Ellman, L.M., Coe, C.L., Abramson, L.Y., & Alloy, L.B. (2020). Reward sensitivity and cognitive response style interact to predict inflammatory response to the TSST. Poster presented at the 75th Annual Society of Biological Psychiatry Convention.

Moriarity, D.P., Kautz, M., Mac Giollabhui, N., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2019). Bidirectional associations between inflammatory biomarkers and depressive symptoms in adolescents: Potential causal relationships. Poster presented at the 33rd Society for Research in Psychopathology Annual Convention.

Kautz, M.M., McArthur, B.A., **Moriarity, D.P.**, Ellman, L.M., Klugman, J., Coe, C.L., Abramson, L.Y., Alloy, L.B., (2019). The impact of sustained and acute threat exposure on trajectories of inflammatory biomarkers in a diverse sample of urban adolescents. Poster presented at the 2019 Developmental Affective Neuroscience Symposium.

Chat, I.K., Mac Giollabhui, N., Bart, C.P., Nusslock, R., Miller, G.E., **Moriarity, D.P.**, Ng, T.H., & Alloy, L.B. (2019). Reward hypersensitivity and extreme goal-striving tendency are associated with increased inflammatory signaling. Poster presented at the 33rd Society for Research in Psychopathology Annual Convention.

Kautz, M.M., McArthur, B.A., **Moriarity, D.P.**, Ellman, L.M., Klugman, J., Coe, C.L., Abramson, L.Y., Alloy, L.B., (2019). The impact of sustained and acute threat exposure on trajectories of inflammatory biomarkers in a diverse sample of urban adolescents. Poster to be presented at the Temple University 3rd annual graduate poster session.

Chat, I.K., Mac Giollabhui, N., Bart, C.P., Nusslock, R., Miller, G.E., **Moriarity, D.P.**, Ng, T.H., & Alloy, L.B. (2019). Reward hypersensitivity and extreme goal-striving tendency are associated with increased inflammatory signaling. Poster to be presented at the Temple University 3rd annual graduate poster session.

Graham, A.A., **Moriarty, D.P.**, Abramson, L.Y. & Alloy, L.B. (2019). A comparison of the networks of depression and anxiety symptoms in white and black adolescents. Presented at the 2019 Annual Convention of the Anxiety and Depression Association of America.

Stumper, A., **Moriarty, D.P.**, Alloy, L.B., (2019). Longitudinal associations between pubertal development and inflammation across adolescence. Poster presented at the 2019 Annual Convention of the Anxiety and Depression Association of America.

Mac Giollabhui, N, **Moriarty, D. P.**, McArthur, B. A., Kautz, M. M., Ellman, L. M., Coe, C. L., Abramson, L. Y., Alloy, L. B. (2019). Inflammation moderates the association between depressive symptoms and switching attention in a diverse sample of adolescents. Poster presented at the 74th Annual Meeting of the Society of Biological Psychiatry.

Kautz, M.M., McArthur, B.A., **Moriarty, D.P.**, Ellman, L.M., Klugman, J., Coe, C.L., Abramson, L.Y., Alloy, L.B., (2019). The impact of early and recent life stress on trajectories of inflammatory biomarkers in a diverse sample of urban adolescents. Poster presented at the 74th Annual Meeting of the Society of Biological Psychiatry.

Moriarty, D.P., Mac Giollabhui, N., Olino, T., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2018). Comparison of networks of depression and anxiety symptoms in adolescents with high vs. low inflammation. Poster presented at the 32nd Society for Research in Psychopathology Annual Convention.

Mac Giollabhui, N, **Moriarty, D.P.**, Kautz, M.M., Ellman, L.M., Olino, T., Coe, C., Swistun, D., Abramson, L. Y., & Alloy, L.B. (2018). Higher body mass index concurrently and prospectively predicts worse depressive symptoms directly and predicts worse performance on three measures of executive functioning indirectly via elevated interleukin-6. Poster presented at at the 32nd Society for Research in Psychopathology Annual Convention.

Stumper, A., **Moriarty, D.P.**, Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. Developmental changes in the inflammatory biology of females and males during adolescence. (2018). Poster presented at the 52nd Association of Behavioral and Cognitive Therapies Annual Convention.

Moriarty, D.P., O'Brien, C., Mac Giollabhui, N., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2018). Stress sensitivity moderates the relationship between anxiety and changes in inflammation. Poster presented at the 52nd Association of Behavioral and Cognitive Therapies Annual Convention.

Moriarty, D.P., Ellman, L.M., Coe, C., Abramson, L.Y., & Alloy, L.B. (2017). Inflammatory biomarkers differentially predict change in depressive symptoms over time in male and female adolescents. Poster presented at the 31st Society for Research in Psychopathology Annual Convention.

Chat, I., Nusslock, R., **Moriarty, D.P.**, Titone, M.K., Ng, T.H., MacGiollabhui, N., Miller, G.E., & Alloy, L.B. (2017). Elevated goal-striving tendencies predict systemic inflammation in individuals at risk for bipolar disorder. Poster presented at the 31st Society for Research in Psychopathology Annual Convention.

Moriarty, D.P., Swee, M., McArthur, B.A., Ellman, L.M., Coe, C. Abramson, L.Y., & Alloy, L.B. (2017). Inflammatory correlates of a 5-factor model of internalizing symptoms. Poster presented at the 29th Association for Psychological Science Annual Convention.

Moriarty, D.P., McArthur, B.A., Abramson, L.Y., & Alloy, L.B. (2016). Response styles, inflammation, and the development of depression secondary to anxiety. Poster presented at the 30th Society for Research in Psychopathology Annual Convention.

Moriarty, D.P., Ng, T.H., Titone, M.K., O'Garro-Moore, J.K., & Alloy, LB. (2016). Developmental differences in social rhythm regularity of bipolar disorders. Poster presented at the 50th Association of Behavioral and Cognitive Therapies Annual Convention.

Moriarity, D.P., Titone, M.K., Bart, C., Burdette, E., & Alloy, L.B. (2016). Differential attention profiles of bipolar spectrum disorders vs. ADHD. Poster presented at the 28th Association for Psychological Science Annual Convention.

Titone, M.K., Ng, T.H., McArthur, B.A., O'Garro-Moore, J.K., Bart, C., **Moriarity, D.P.**, & Alloy, L.B. (2016). Social rhythm regularity, evening chronotype, and social rhythm disruption from life events as predictors of bipolar mood symptoms. Poster presented at the 30th Society for Research in Psychopathology Annual Convention.

Moriarity, D.P. & Monastra, V. (2014). An examination of metabolic abnormalities and nutritional deficiencies in patients diagnosed with attention-deficit/hyperactivity disorder. Poster presented at the Fifth Annual Elmira College Research Conference. *Second Place, Social Sciences Division*

Moriarity, D.P., Lovett, B., & Bizub, A. (2014). Predictors of students' benefit from extended time testing accommodations. Poster presented at the 2014 Eastern Psychological Association Research Conference.

Moriarity, D.P., Lalonde, S., Gao, X., & Court, N. (2013). The effect of competition on visual memory performance. Poster presented at the Fourth Annual Elmira College Research Conference.

Research Experience:

2020 – Present **Temple University**, Philadelphia, PA

Department of Psychology

Principal Investigator

Designed, received funding for, and currently executing an NRSA F31 testing the immunocognitive model of mood disorders in the context of a novel reward-salient stress task; collecting data on inflammatory stress reactivity, reward processing, rumination, and mood symptoms.

Duties include: Study design

IRB coordination

Participant scheduling

Behavioral task administration

Behavioral task modification

Data analysis

Manuscript preparation

2015 – Present **Temple University**, Philadelphia, PA

PI: Lauren B. Alloy, PhD

Department of Psychology and Neuroscience

Doctoral Student- Research Assistant

Contributing to data collection, management, and analysis on three NIMH R01 projects in the Mood and Cognition Lab investigating the cognitive, psychosocial, developmental, and neurobiological processes associated with depressive and bipolar disorders.

Duties include: Diagnostic interviews

Behavioral task administration

Data management

Data analysis

Manuscript preparation

Organizing professional development seminars

Reliability Team Coordinator

2014 – 2015 **University of Maryland College Park**, College Park, MD

PI: Andres De Los Reyes, PhD
Department of Psychology
Lab Coordinator

Managed the Comprehensive Assessment and Intervention Program Lab while contributing to several studies investigating the social, cognitive, and neurological correlates of social anxiety disorder as well as how parents and children think and act around each other.

Duties included: Lab management

Participant scheduling

Phone screens

Training RAs

Coordinating studies

EEG maintenance and set-up

HTML coding for online studies

Drafting and submitting IRB proposals and amendments

2013 – 2014

Elmira College, Elmira, NY
Supervisor: Anne Laura Bizub, PhD
Department of Psychology
Research Assistant

Prepared a literature review for publication on the topics of the comorbidity between ADHD and MDD as well as the relationships between the symptoms of depression, attention, and hyperactivity.

2013 – 2014

FPI Attention Disorders Clinic, Endwell, NY
PI: Vincent Monastra, PhD
Research Assistant

Collaborating on research for three projects in an ADHD clinic. The first investigates the relationships between a number of biological variables, physiological measures, psychiatric symptoms, and treatment outcomes; the second is a study of what patients thought the factors causing a disconnect between teachers, clinicians, doctors, and clients were; and the third is about the accuracy of differentiating ADHD from other psychiatric disorders using QEEG scans.

Duties Included: Data collection

Data analysis

2013 – 2014

Binghamton University, Binghamton, NY
Department of Psychology
PI: Brandon Gibb, PhD
Research Assistant

Worked on an NIMH-funded project and an NICHD-funded study, both of which investigate various genetic, cognitive, social, and physiological factors affecting the intergenerational transmission of depression.

Duties included: Behavior coding

ERP setup & cleanup

EEG setup & cleanup (Emotiv Headset)

Diagnostic interview training

2012 – 2014

Elmira College, Elmira, NY
Department of Psychology
PI: Benjamin Lovett, PhD
Research Assistant

Performed research for a study investigating how pre-assessment awareness of ADHD symptoms and the associated availability of medication affect performance on a series of cognitive skill measures.

Duties Included: Proctoring pilot study

Designing experiment

Reviewing journal articles before submission

2012

Cornell University, Ithaca, NY

Department of Nutritional Sciences

PI: Barbara Strupp, PhD

Research Assistant

Worked on an NIH-funded research project on the physiological and behavioral effects of perinatal choline supplementation in Ts65Dn mice genetically altered to display symptoms similar to those found in human cases of trisomy-21.

Duties Included: Handling and care for laboratory rodents

Rodent sacrifice and brain dissection

Clinical Experience:

2021—2022

Behavioral Health Partial Program

McLean Hospital/Harvard Medical School

Predoctoral Intern

Supervisor: Thröstur Björgvinsson, PhD

Provided individual and group therapy to adults in a partial hospital program.

Duties included: Provided psychotherapy

Developed treatment plans

Collaborated with a team of psychiatrists, social workers, and therapists

Provided peer-supervision to practicum students

Interviewed internship applicants

Collaborated with training directors to restructure training program

Attended seminars on therapy techniques and case conceptualization

2021

Obsessive Compulsive Disorder Institute

McLean Hospital/Harvard Medical School

Predoctoral Intern

Supervisor: Jason Krompinger, PhD

Provided individual and group therapy in a residential program

Duties included: Provided exposure and response prevention therapy

Lead groups on values-based approaches to OCD treatment

2019 – 2020

Adult Anxiety Clinic of Temple

Temple University

Clinician

Supervisor: Richard G. Heimberg, PhD

Provided weekly manualized CBT treatment to adults with social anxiety and contribute to weekly 2-hour group supervision sessions.

Duties included: Provided psychotherapy

Developed treatment plans

Attended treatment team meetings and group supervision

2018 – 2020

Center City Clinic for Behavioral Health

Drexel University

Clinician

Supervisor: Catharine, O' Hayer, PhD

Executed clinical and administrative tasks pertinent to work in a clinic that specializes in psychotherapy for clients with comorbid chronic medical conditions.

Duties included: Provided individual psychotherapy

Lead weekly DBT group therapy

Trained new externs in ACT and DBT

Provided peer supervision on full model DBT

Collected data and consult on analytic plans for ongoing clinical studies

Was a study therapist for pilot studies of ACT for HIV and cystic fibrosis

Administered client intake evaluations

Participated in weekly group and individual supervision sessions

Coordinated with medical team and social worker

2015 – 2021

Mood and Cognition Lab

Temple University, Philadelphia, PA

PI: Lauren B. Alloy, PhD

Department of Psychology and Neuroscience

Doctoral Student- Diagnostic Interviewer

Collected interview data from adolescents, parents, and college students.

Duties included: Weekly diagnostic interviews (SADS-L, SADS-C, K-SADS)

Life event interviews

Diagnostic conceptualization consultations

Trained RAs on diagnostic and life event interviews

Risk assessments

Referred participants to mental health resources, when appropriate

2015 – 2018

Temple Psychological Services Center

Temple University, Philadelphia, PA

Clinician

Supervisors: Rob Fauber, PhD, Richard Heimberg PhD, H. Jean Wright, PsyD, Catherine Panzarella, PhD

Executed clinical and administrative tasks pertinent to therapy and assessment cases.

Duties include: Maintained a case load of 6-8 weekly clients

Formulated case conceptualizations in line with the CBT framework

Delivered CBT, BA, MI, and IPSRT techniques when clinically indicated

Administered neurocognitive assessments

Provided peer supervision to junior colleagues

Clinical Supervision Experience:

2021—2022

Behavioral Health Partial Program

McLean Hospital/Harvard Medical School

Extern Supervisor

Supervisor: Matthew Schrock, PhD

2019 – 2020

Center City Clinic for Behavioral Health

Drexel University

Peer Supervisor

Supervisor: Catharine, O' Hayer, PhD

Teaching Experience:

- 2019–2020 Graduate Statistics
Teaching Assistant
Temple University, Philadelphia, PA
Prepared labs and co-facilitated lectures to 1st year psychology PhD students on introductory statistical methodology, theory, and how to run analyses in SPSS and R.
- 2019 Statistics for Psychology Majors
Teaching Assistant
Temple University, Philadelphia, PA
Prepared and delivered recitations to undergraduate students on statistical methodology, APA reporting of results, and how to run basic analyses in SPSS.
- 2018 Conducting Psychological Research
Instructor
Temple University, Philadelphia, PA
Prepared and delivered lectures to undergraduate students on proper research methodology, statistical analysis, and how to write academic journal articles.
- 2013 Basic Counseling Techniques
Academic Fellow
Elmira College, Elmira, NY
Served as an assistant teacher each class session, offering tips and examples of techniques during lectures as well as assisting the professor in demonstrating techniques for in-class demonstrations. Additionally, tutored students in the course on conceptual information and led pre-exam review sessions.
- 2013 Introduction to Clinical Psychology
Academic Fellow
Elmira College, Elmira, NY
Served as an assistant teacher each class session regarding the process of preparing for graduate school in clinical psychology as well as helping deliver specific content-related information. Provided tutoring to students and led review sessions before each exam.
- 2012 Introduction to Psychology
Academic Fellow
Elmira College, Elmira, NY
Served as an assistant teacher, offering alternative explanations for concepts. Also, served as a tutor and led review session before each exam.

Popular Media Interviews:

Aw, J. (2023, January 06). Spotlight on the emerging field of immunopsychiatry. *Psychiatry Advisor*.
<https://www.psychiatryadvisor.com/general-medicine/spotlight-emerging-field-immunopsychiatry/>.

Editorial Service:

Associate Editor:

2022 – Present *Collabra: Psychology*

Editorial Board:

2022 – Present *Brain, Behavior, & Immunity*
 2022 – Present *Brain, Behavior, & Immunity-Health*
 2020 – Present *Journal of Youth and Adolescence*

Paid Statistical Consultation:

2021 Dissertation, Correlation matrices and descriptive statistics
 2019 Dissertation, Multilevel modeling and exploratory factor analysis
 2019 Dissertation, Repeated measures ANOVAs

Leadership:

2022–Present California Stress, Trauma & Resilience Network - Science & Research Workgroup Co-chair
 2020–2022 Temple Psychology Reproducible Science Committee, Co-founder/Student Representative
 2019–2022 Temple Psychology Colloquium Committee, Clinical Student Representative
 One of two positions in the Temple Psychology department chosen specifically by
 faculty, rather than chosen from a group of volunteers.
 2017–2019 Assistant to the Director of Clinical Science Training
 2016 APA Standards of Accreditation Committee, Student Representative

Mentorship:

2022–Present Andrea Miller- Master’s Research Assistant
 2022–Present Nainika Hira– Postbaccalaureate Research Assistant
 2022–Present Nurdan Emanet– Master’s Research Assistant
 2022–Present Ritika Prasad– Undergraduate Research Assistant
 2022–Present Sofia Flynn– Undergraduate Research Assistant
 2022–Present Crystal Hsueh– Undergraduate Research Assistant
 2022–Present Emily Furtado– Postbaccalaureate Research Assistant
 2022–Present Japneet Kaur– Postbaccalaureate Research Assistant
 2022–Present Katie Firestone– Postbaccalaureate Research Assistant
 2022–Present Matthew Figueroa– Postbaccalaureate Research Assistant
 2022–2023 Ella McLoughlin– Doctoral Research Assistant
 2022–2023 Clare Liedstrand– Undergraduate Research Assistant
 2022–2023 Mohamad Khalaifa– Undergraduate Research Assistant
 2022–2023 Yuna Araya– Undergraduate Research Assistant
 2020–2022 Kirsta Pennypacker- Undergraduate Research Assistant
 2019–2022 Kubarah Ghias- Undergraduate Research Assistant
 2017–2018 Caroline O’Brien- Undergraduate Research Assistant
 2016–2017 Rory McNicholl- Undergraduate Research Assistant

Ad Hoc Reviewing:

2023 *Psychosomatic Medicine*
 2023 *Biological Psychiatry: Global Open Science*
 2022 *Health Psychology*
 2022 *Translational Psychiatry*
 2022-2023 *Psychopharmacology*
 2022 *Development and Psychopathology*
 2022 *Annals of Behavioral Medicine*
 2022 *Comprehensive Psychoneuroendocrinology*
 2022 *Biological Research for Nursing*
 2021–2022 *Journal of Psychiatric Research*

2021–2022	<i>Psychoneuroendocrinology</i>
2021–2022	<i>Brain, Behavior, & Immunity—Health</i>
2021	<i>Psychology and Health</i>
2021	<i>Harvard Review of Psychiatry</i>
2021	<i>Frontiers in Psychiatry</i>
2021	<i>International Journal of Behavioral Medicine</i>
2021	<i>Journal of Anxiety Disorders</i>
2020	<i>BMC Geriatrics</i>
2020–2022	<i>Journal of Abnormal Psychology</i>
2020–2022	<i>Journal of Youth and Adolescence</i>
2019–2020	<i>Psychological Medicine</i>
2019	<i>Progress in Neuropsychopharmacology & Biological Psychiatry</i>
2018	<i>Psychological Health</i>
2018, 2021–22	<i>Brain, Behavior, & Immunity</i>
2018	<i>Neuroscience & Biobehavioral Reviews</i>

Professional Development:

2019	Dialectical Behavior Therapy Workshop: Part 2 Drexel University, Philadelphia, PA
2018	Dialectical Behavior Therapy Workshop: Part 1 Drexel University, Philadelphia, PA
2016	College of Liberal Arts Online Teaching Workshop Temple University, Philadelphia, PA

Professional Affiliations:

Society for the Improvement of Psychological Science
Society for Research in Psychopathology
Association of Psychological Science