

Maureen Rutherford, Ph.D.

Curriculum Vitae

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EDUCATION

2005 – 2011	Loyola University Chicago Ph.D. in Neuroscience Dissertation: <i>Serotonin 1A Receptor Signaling in the Hypothalamic Paraventricular Nucleus of Peripubertal Rats</i>	Maywood, Illinois
2001 – 2005	Indiana University Northwest Bachelor of Science in Psychology Bachelor of Science in Chemistry Graduated with Distinction	Gary, Indiana

PROFESSIONAL APPOINTMENTS

2016 – present	Indiana University Northwest	Assistant Professor
2015 – 2016	Indiana University Northwest	Visiting Lecturer

OTHER TEACHING EXPERIENCE

2011 – 2015	Indiana University Northwest	Adjunct Faculty
2008 – 2011	Loyola University Chicago Graduate School	Guest Lecturer
2007	Loyola University Chicago Stritch School of Medicine	Teachers' Assistant

PUBLICATIONS (Note: bold indicates student co-authors)

Petrunch-Rutherford ML. (Accepted). A method for directing collaborative study guide construction by undergraduate student groups. *Journal of the Scholarship of Teaching and Learning*.

Petrunch-Rutherford ML & Calik MW. (In press). Effects of cannabinoid agonists and antagonists on sleep in laboratory animals. In Murillo-Rodriguez E, Pandi-Perumal SR, Monti JE (Eds). *Cannabinoids and Sleep - Molecular, Functional and Clinical Aspects*. Springer.

O'Daniel MP & Petrunch-Rutherford ML. (2020). Effects of chronic prazosin, an alpha-1 adrenergic antagonist, on anxiety-like behavior and cortisol levels in a chronic unpredictable stress model in zebrafish (*Danio rerio*). *PeerJ*. 8:e8472. <https://doi.org/10.7717/peerj.8472>

Alia AO & Petrunch-Rutherford ML. (2019). Anxiety-like behavior and whole-body cortisol responses to components of energy drinks in zebrafish (*Danio rerio*). *PeerJ*. 7:e7546. <https://doi.org/10.7717/peerj.7546>

Aponte A & Petrunch-Rutherford ML. (2019). Acute net stress of young adult zebrafish (*Danio rerio*) is not sufficient to increase anxiety behavior and whole-body cortisol. *PeerJ*. 7:e7469. <https://doi.org/10.7717/peerj.7469>

Petrunch-Rutherford ML & Daniel F. (2019). Collaborative quizzes: Impact on student performance and attendance. *Teaching of Psychology*, 46(2), 115-120. <https://doi.org/10.1177/0098628319834172>

Petrulich-Rutherford ML. (2019). Chronic fluoxetine treatment of juvenile zebrafish (*Danio rerio*) does not elicit changes in basal cortisol levels and anxiety-like behavior in adulthood. *PeerJ*, 7:e6407. <https://doi.org/10.7717/peerj.6407>

Trammell BA, Davies W, Morgan RK, Petrulich-Rutherford ML, & Herold D. (2018). Creating an online course shell: Strategies to mitigate frustration and increase student success across multiple campuses. *Scholarship for Teaching and Learning in Psychology*, 4(3), 164-180. <https://doi.org/10.1037/stl0000109>

Petrulich-Rutherford ML, Garcia F, & Battaglia G. (2018). 5-HT_{1A} receptor-mediated activation of neuroendocrine responses and multiple protein kinase pathways in the peripubertal rat hypothalamus. *Neuropharmacology*, 139, 173-181. <https://doi.org/10.1016/j.neuropharm.2018.07.008>

Petrulich ML, Garcia F, Carrasco GA, & Battaglia G. (2008). Prolonged 5-HT_{1A}/5-HT_{2A} receptor cross-talk is absent prior to adulthood in rats. *Neuroreport*, 19(15), 1457-61. <https://doi.org/10.1097/WNR.0b013e32830edd6d>

WORKS IN PROGRESS (Note: bold indicates student co-authors)

Shafiq A & Petrulich-Rutherford ML. (*Manuscript in revision*). Potential of clomipramine to alter stress in zebrafish (*Danio rerio*).

DiPasquo E, **Shafiq A**, & Petrulich-Rutherford ML. (*Manuscript in revision*). Effect of feeding frequency on anxiety-like behavior and cortisol levels in group-housed zebrafish (*Danio rerio*).

Petrulich-Rutherford ML, Garcia F, & Battaglia G. (*Manuscript in preparation*). Characterization of *in vivo* 5-HT_{1A} receptor activation of protein kinase B (Akt) in peripubertal rat hypothalamic PVN: Evidence for agonist-dependent functional selectivity.

CONFERENCE AND WORKSHOP PRESENTATIONS (Note: bold indicates student co-authors)

Rutherford ML (2019, November). *Avoiding the dreaded group project: Strategies to engage students in collaborative learning*. Workshop presented at the FACET Associate Faculty and Lecturer Conference (FALCON), Indianapolis, IN.

Petrulich-Rutherford ML & **Aponte A**. (2019, October). *Acute effects of N-acetylcysteine on basal and stress-induced anxiety-like behavior and whole-body cortisol levels in zebrafish (Danio rerio)*. Program No. 322.24. Poster session presented at the Society for Neuroscience annual meeting, Chicago, IL.

Petrulich-Rutherford ML & **Aponte A**. (2019, October). *Acute effects of N-acetylcysteine on basal and stress-induced anxiety-like behavior and whole-body cortisol levels in zebrafish (Danio rerio)*. Poster session presented at the BehaviorCloud Virtual Poster Preview.

Rutherford, ML. (2019, April). *Learning as a class community, reflecting on knowledge gains individually*. Presentation for the Center for Innovation and Scholarship in Teaching and Learning (CISTL) as a CISTL Teaching Fellow at Indiana University Northwest, Gary, IN.

Petrulich-Rutherford ML*, **O'Daniel MP***, & Olivey HE (2019, March). *Effects of prazosin, an alpha1-adrenoreceptor antagonist, on anxiety-like behavior and neuroendocrine stress axis regulation altered by unpredictable chronic stress in zebrafish (Danio rerio)*. Poster session presented at the International Convention for Psychological Science, Association for Psychological Science, Paris, France. *Note: Co-presenters.

Rutherford, ML. (2019, February). *Encouraging collaboration through the construction of study guides*. Presentation for the Center for Innovation and Scholarship in Teaching and Learning (CISTL) as a CISTL Teaching Fellow at Indiana University Northwest, Gary, IN.

Rutherford, ML. (2018, November). *Collaborative quizzes: Impact on student success*. Presentation for the Center for Innovation and Scholarship in Teaching and Learning (CISTL) as a CISTL Teaching Fellow at Indiana University Northwest, Gary, IN.

Thomas J & Rutherford ML (2018, October). *High impact practices – Teamwork*. Conference session presented at the Indiana Academy of the Social Sciences Annual Meeting, New Albany, IN.

Rutherford ML & Daniel F. (2017, July). *Collaborative quizzes: Impacts and considerations*. Poster session presented at the Faculty for Undergraduate Neuroscience (FUN) Undergraduate Neuroscience Education Workshop, River Forest, IL.

Trammell B, Morgan G, Morgan RK, Herold D, Rutherford ML, & Talcott L. (2016, November). *A multi-campus initiative to create a consistent online class for use in varied course contexts*. Conference session presented at the Inaugural IU Online Conference, Indianapolis, IN.

Morgan RK, Trammell B, Talcott L, Rutherford ML, Morgan G, & Herold D. (2016, October). *Creating an online class across multiple campuses: Impact on student learning*. Poster session presented at Evidence-Based Teaching and Learning Lilly Conference, Traverse City, MI.

Morgan RK, Trammell B, Talcott L, Rutherford ML, Morgan G, & Herold D. (2016, January). *Challenges and rewards: Creating an online class across multiple campuses*. Participant Idea Exchange (PIE) presented at the Annual National Institute on the Teaching of Psychology, St. Pete Beach, FL.

Rutherford ML. (2015, August). *Collaborative quizzing? It works!* Conference session presented at the CISTL New Teaching Institute, Gary, IN.

Petrulich-Rutherford ML, Garcia F, Bakowska JC, Tiniakov R, Glasgow J, & Battaglia G. (2011, March). *Serotonin 1A receptor signaling and the effects of fluoxetine in peripubertal rat hypothalamic paraventricular nucleus*. Poster session presented at the Chicago Society for Neuroscience meeting, Chicago, IL.

Petrulich-Rutherford ML, Garcia F, Bakowska JC, Tiniakov R, Glasgow J, & Battaglia G. (2010, November). *Serotonin 1A receptor signaling and the effects of fluoxetine in peripubertal rat hypothalamic paraventricular nucleus*. Program No. 543.2/E20. Poster session presented at the Society for Neuroscience annual meeting, San Diego, CA.

Petrulich-Rutherford ML, Garcia F, & Battaglia G. (2009, October). *Initial identification of in vivo 5-HT_{1A} receptor activation of protein kinase B (Akt) in peripubertal rat hypothalamic PVN: evidence for agonist-dependent functional selectivity*. Program No. 516.6/C19. Poster session presented at the Society for Neuroscience annual meeting, Chicago, IL.

Battaglia G, Petrulich-Rutherford ML, & Garcia F. (2009, October). *In vivo 5-HT_{1A} receptor activation of MAP kinase in the peripubertal rat hypothalamic PVN: Temporal differences in agonist-dependent activation*. Program No. 516.5/C18. Poster session presented at the Society for Neuroscience annual meeting, Chicago, IL.

Petrulich ML, Garcia F, Quaka M, Losada A, & Battaglia G. (2008, November). *Gai3, Gao, and Gaz proteins are pertussis toxin-insensitive in the adolescent hypothalamus: effects on 5-HT_{1A} receptor activation*. Program No. 825.3/D8. Poster session presented at the Society for Neuroscience annual meeting, Washington, DC.

Petrulich ML, Garcia F, Carrasco G, Jia C, Yu Z, Quaka M, & Battaglia G. (2007, November). *Prolonged 5-HT_{1A} desensitization of 5-HT_{2A} receptor-mediated neuroendocrine function in rats is absent prior to sexual maturation*. Program No. 464.9/G44. Poster session presented at the Society for Neuroscience annual meeting, San Diego, CA.

STUDENT CONFERENCE PRESENTATIONS (Note: bold indicates student co-authors)

Andrade M & Petrunich-Rutherford ML (2020, October). *Improving zebrafish spawning protocols to study the impact of early life exposure to cannabidiol (CBD) on basal cortisol levels in zebrafish (Danio rerio)*. Virtual session to be presented at the IN LSAMP 2020 Annual Research Conference.

Alsakaji R, Opiola NA, & Petrunich-Rutherford ML (2020, August). *Effects of ashwagandha (Withania somnifera) on anxiety-like behavior and whole-body cortisol levels in adult zebrafish exposed to chronic crowding stress*. Virtual session presented at the International Behavioral Neuroscience Society Annual Conference.

Piña N & Petrunich-Rutherford ML (2020, May). *Anxiolytic effects of ashwagandha (Withania somnifera) in socially isolated zebrafish (Danio rerio)*. Virtual session presented at the IUN College of Arts and Sciences Annual Research Conference, Gary, IN.

Alsakaji R, Shafiq A, & Petrunich-Rutherford ML (2020, May). *Effects of ashwagandha (Withania somnifera) on anxiety-like behavior and whole-body cortisol levels in adult zebrafish exposed to chronic crowding stress*. Virtual session presented at the IUN College of Arts and Sciences Annual Research Conference, Gary, IN.

Alsakaji R, Shafiq A, DiPasquo EM, Lara JA, & Petrunich-Rutherford ML (2020, March). *Effects of ashwagandha (Withania somnifera) on anxiety-like behavior and whole-body cortisol levels in adult zebrafish exposed to chronic crowding stress*. Abstract accepted for poster session, annual Science of Animal Behavior Conference, Indiana University, Bloomington, IN. ****NOTE: Cancelled due to COVID-19.**

Alsakaji R, Shafiq A, DiPasquo EM, Lara JA, & Petrunich-Rutherford ML (2020, March). *Effects of ashwagandha (Withania somnifera) on anxiety-like behavior and whole-body cortisol levels in adult zebrafish exposed to chronic crowding stress*. Abstract accepted for poster session, Society for Neuroscience annual meeting, Chicago, IL. ****NOTE: Cancelled due to COVID-19.**

Shafiq A & Petrunich-Rutherford ML (2019, November). *Effects of acute treatment of tricyclic antidepressant clomipramine on anxiety-like behavior and cortisol levels in zebrafish (Danio rerio)*. Poster session presented at the Indiana University Undergraduate Research Conference (IUURC), Indiana University, Bloomington, IN.

DiPasquo EM & Petrunich-Rutherford ML (2019, October). *Repurposing of N-acetylcysteine: Determining the effects of N-acetylcysteine following chronic unpredictable stress in zebrafish (Danio rerio)*. Poster session presented at SACNAS National Diversity in STEM Conference, Honolulu, HI.

DiPasquo EM, Shafiq A, & Petrunich-Rutherford ML (2019, October). *Effect of feeding frequency on anxiety-like behavior and cortisol levels in zebrafish (Danio rerio): A call for standardization of care*. Poster session presented at the Faculty for Undergraduate Neuroscience (FUN) Poster Session at the Society for Neuroscience annual meeting, Chicago, IL.

Opiola NA & Petrunich-Rutherford ML (2019, October). *Basal and stress-induced cortisol and anxiety-like behavior after cannabidiol (CBD) injection in male and female zebrafish (Danio rerio)*. Poster session presented at the Society for Neuroscience annual meeting, Chicago, IL.

O'Daniel MP & Petrunich-Rutherford ML (2019, April). *Learned helplessness and depression modeling in zebrafish (Danio rerio)*. Poster session presented at the IUN College of Arts and Sciences Annual Research Conference, Gary, IN.

Opiola NA & Petrunich-Rutherford ML (2019, April). *Basal and stress-induced cortisol and anxiety-like behavior after cannabidiol (CBD) injection in zebrafish (Danio rerio)*. Poster session presented at the IUN College of Arts and Sciences Annual Research Conference, Gary, IN.

O'Daniel MP, Olivey HE, & **Petrunich-Rutherford ML** (2019, April). *Prazosin effectiveness in the alleviation of PTSD is elicited by mechanistic pathways separate from stress axis elements POMC, CRH, GR, and cortisol*. Poster session presented at the Chicago Society for Neuroscience meeting, Chicago, IL.

Opiola NA & **Petrunich-Rutherford ML** (2019, April). *Basal and stress-induced cortisol and anxiety-like behavior after cannabidiol (CBD) injection in zebrafish (Danio rerio)*. Poster session presented at the Chicago Society for Neuroscience meeting, Chicago, IL.

Alia AO, **Pattison SP**, **Townsend HL**, & **Petrunich-Rutherford ML** (2018, November). *Anxiety behavior and whole-body cortisol responses to components of energy drinks in zebrafish (Danio rerio)*. Poster session presented at the Indiana University Undergraduate Research Conference, Indiana University-Purdue University Indianapolis, Indianapolis, IN.

O'Daniel MP & **Petrunich-Rutherford ML** (2018, November). *Alpha-blocking stress away: Determining the effects of prazosin on stress responses in zebrafish (Danio rerio)*. Poster session presented at the Indiana University Undergraduate Research Conference, Indiana University-Purdue University Indianapolis, Indianapolis, IN.

Alia AO & **Petrunich-Rutherford ML** (2018, April). *Don't drink and swim: Effects of ethanol on anxiety-like behavior and whole-body cortisol responses in zebrafish (Danio rerio)*. Poster session presented at the College of Arts and Sciences Annual Research Conference, Indiana University Northwest, Gary, IN.

Alia AO, **Pattison SP**, **Townsend HL**, & **Petrunich-Rutherford ML** (2018, April). *How do energy drinks make you feel? Effects of energy drink components on anxiety behavior and cortisol responses in zebrafish (Danio rerio)*. Poster session presented at the College of Arts and Sciences Annual Research Conference, Indiana University Northwest, Gary, IN.

Aponte A & **Petrunich-Rutherford ML** (2018, April). *Catch of the day: Effects of N-acetylcysteine on zebrafish (Danio rerio)*. Poster session presented at the College of Arts and Sciences Annual Research Conference, Indiana University Northwest, Gary, IN.

Weathersby E & **Petrunich-Rutherford ML** (2018, April). *Fish, drugs, and pheromones: Understanding stress behavior and hormone responses*. Student presentation at the College of Arts and Sciences Annual Research Conference, Indiana University Northwest, Gary, IN.

Alia AO, **Pattison SP**, **Townsend HL**, & **Petrunich-Rutherford ML** (2018, March). *How do energy drinks make you feel? Effects of energy drink components on anxiety behavior and cortisol responses in zebrafish (Danio rerio)*. Poster session presented at the Chicago Society for Neuroscience meeting, Chicago, IL.

Aponte A & **Petrunich-Rutherford ML** (2018, March). *Like an (unstressed) fish out of water: lack of efficacy of a 30-second net stress on anxiety behavior and cortisol responses in young adult zebrafish (Danio rerio)*. Poster session presented at the Chicago Society for Neuroscience meeting, Chicago, IL.

INVITED TALKS/MEDIA APPEARANCES

Rutherford, ML. (2019, December). Radio, "Regionally Speaking", Lakeshore Public Radio, <https://www.lakeshorepublicradio.org/post/regionally-speaking-wednesday-december-4-2019#stream/0>.

Rutherford, ML. (2019, October). *Careers in neuroscience*. Presentation for the Psychology First Year Experience course (PSY 10300) at Purdue University Northwest, Westville, IN.

Rutherford, ML. (2019, September). Radio, "Regionally Speaking", Lakeshore Public Radio, <https://www.lakeshorepublicradio.org/post/regionally-speaking-wednesday-september-4-2019#stream/0>.

Rutherford, ML. (2019, August). *Welcome to IUN: insight from a former student.* Faculty keynote at the Freshman Induction Ceremony at Indiana University Northwest, Gary, IN.

Rutherford, ML. (2018, September). *Women in neuroscience.* Presentation for the College Colloquium Seminar course (COAS J205) at Indiana University Northwest, Gary, IN.

Rutherford, ML. (2016, November). *Is a major in Psychology right for me?* Presentation for the Freshman Seminar course (COAS S104) at Indiana University Northwest, Gary, IN.

Rutherford, ML. (2016, April). *My experiences with hardship and success.* Presentation for the National Society for Leadership and Success Induction, Indiana University Northwest Chapter, Porter, IN.

Petrunich-Rutherford, ML. (2011, February). *Serotonin 1A receptor signaling in the hypothalamic PVN of peripubertal rats.* Presentation for the Chemistry Department at Indiana University Northwest, Gary, IN.

Petrunich-Rutherford, ML. (2010, November). *Serotonin 1A receptor signaling in the hypothalamic PVN of peripubertal rats.* Presentation for the Indiana University School of Medicine – Northwest, Gary, IN.

Petrunich, ML. (2009, April). *Experiences of an Alumna.* Presentation for the Psi Chi Induction at Indiana University Northwest, Gary, IN.

ACADEMIC HONORS AND AWARDS

CISTL Scholarship for Teaching and Learning Award, 2020

Faculty Academy on Excellence in Teaching (FACET), Class of 2020

Finalist for IUN Founder's Day Teaching Award 2020 (*award delayed to October 2020 due to COVID-19*)

Nominee for IUN Founder's Day Teaching Award 2016, 2017, 2018, 2019

IU Board of Trustees Teaching Award 2016, 2019

CISTL Innovator Award 2016

IUN Founder's Day Associate (Adjunct) Faculty Teaching Award 2014

Starr Foundation Scholar 2005 – 2006

IUN High Academic Scholarship 2003 – 2005

Indiana 21st Century Scholar 2001 – 2005

IUN Baccalaureate/Medical Education Scholarship 2001 – 2005

STUDENT RESEARCH GRANTS AND AWARDS (Note: bold indicates student awardees)

Best Virtual Poster Award in Socio/Biological/Environment Sciences, **M. Andrade**, IN LSAMP 2020

Undergraduate Research Fund, **S. Gurevitz**, 2020 (\$2500)

Louis Stokes Alliances for Minority Participation (LSAMP), **M. Andrade**, 2020 (\$2668 student stipend)

Student Travel Grant, **E. DiPasquo**, 2019 (\$500)

Undergraduate Research Fund, **E. DiPasquo**, 2019 (\$100)

Undergraduate Research Fund, **A. Shafiq**, 2019 (\$1100)

Louis Stokes Alliances for Minority Participation (LSAMP), **E. DiPasquo**, 2019 (\$2600 student stipend)

Student Travel Grant, **M. O'Daniel**, 2019 (\$500)

Finalist for Best Undergraduate Research Project Award, **M. O'Daniel**, IUURC 2018

Undergraduate Research Fund, **M. O'Daniel**, 2018 (\$2590)

Minority Opportunity for Research Experiences (MORE), **A. Aponte**, 2017-2018 (\$1000 student stipend)

GRANTS AND FELLOWSHIPS

Regional Research Support Fund Grant 2020 (\$20,000)

Summer Faculty Fellowship (\$11,000) and Grant-in-aid 2020 (\$1,765)

SUBMIT Program Research Grant (\$400)

Regional Research Support Fund Grant 2019 (\$10,000)
Summer Faculty Fellowship (\$11,000) and Grant-in-aid 2019 (\$1,785)
SUBMIT Program Research Grant (\$700)
CISTL Teaching Fellow 2018-2019 (\$500)
Summer Faculty Fellowship (\$11,000) and Grant-in-aid 2018 (\$2,000)
High Impact Pedagogical Practices Seminar 2017 (\$500)
Project Initiation Grant 2017 (\$7,874)
OAR Funding 2017 (\$953)
Faculty for Undergraduate Neuroscience (FUN) Equipment Loan 2017 – 2018 (Valued at \$6,500)
Summer Faculty Fellowship (\$11,000) and Grant-in-aid 2017 (\$2,000)
CISTL Online Teaching Course Development Grant 2014 – 2015 (\$4,000)
Arthur J. Schmitt Predoctoral Fellowship 2009-2010 (\$16,000 plus tuition)

SERVICE TO DEPARTMENT AND INSTITUTION

Departmental Search and Screen Committee, 2020 – present: Committee Member
QM-certified Peer Review Program, IUN CISTL, 2019 – present: Peer Reviewer
COAS Research Conference Organizing Committee, 2017 – present: Committee Member
MLS Graduate Admissions Committee, 2017 – present: Committee Member
Survey and Curriculum Committee, 2015 – present: Committee Member
Psychology Department, 2015 – present: Faculty Advisor, Psychology and Neuroscience BA/BS programs
Board of Trustees Teaching Award Committee, 2016 – 2017, 2019 – 2020: Committee Member
New Faculty Orientation, August 2019: Canvas Review
Psychology Pedagogical Innovation Group, 2016 – 2018: Committee Member
Psychology K300 Departmental Assessment, 2017: Committee Member
Pedagogical Intervention Educational (PIE) Group, 2017: Committee Member
High Impact Pedagogical Practices Seminar (HIPPS), 2017: Committee Member
New Faculty Orientation, August 2017: Faculty Member Q&A Panel Member
Faculty Affairs Committee, 2015 – 2017: Committee Member
Gateway Introductory Psychology Online Course Development, 2014 – 2017: Member
New Faculty Orientation, August 2016: Canvas Review
IUN New Student Orientation, Summer 2016: Breakout Session Leader
IUN St. Baldrick's Day, March 2016: Fundraiser and Shavee
Michigan City High School Career Expo, 2016: Psychology Department Representative

SERVICE TO PROFESSION

Experimental Results, 2020 – present: Managing Editor
European Journal of Neuroscience, 2020 – present: Ad Hoc Reviewer
PeerJ: The Journal of Life and Environmental Sciences, 2019 – present: Ad Hoc Reviewer
Stress: The International Journal on the Biology of Stress, 2019 – present: Ad Hoc Reviewer
Journal of Academic Advising, 2018 – present: Ad Hoc Reviewer
Chicago Society for Neuroscience, 2018 – present: Councilor, Indiana University Northwest
Psi Chi Grants Panel, 2017 - present: Ad Hoc Reviewer
Chicago Society for Neuroscience, 2018: Postdoctoral Fellow Poster Competition, Judge
Chicago Society for Neuroscience, 2016: Undergraduate Poster Competition, Judge
Chicago Society for Neuroscience, 2015: "Diversity in Careers" Round Table Leader
Chicago Society for Neuroscience, 2014: Graduate Poster Competition, Judge

SERVICE TO STUDENTS AND COMMUNITY

Psi Chi, 2019 – present: Faculty Advisor
Psychology and Brain Sciences Club, 2018 – present: Faculty Advisor
Skype a Scientist, 2018 – present: Volunteer
Independent Research 2017 – present: Faculty Mentor
Brain Awareness Day, Purdue Northwest, 2019: Volunteer
Student Ambassadors Welcome Week, 2016: Faculty Leader, Student Engagement

PROFESSIONAL MEMBERSHIPS

Society for Behavioral Neuroscience and Comparative Psychology, 2019 – present
Association for Psychological Science, 2015 – present
Faculty for Undergraduate Neuroscience, 2015 – present
Society for the Improvement of Psychological Science, 2020 – present
Society for the Teaching of Psychology, 2015 – present
Society for Neuroscience, 2015 – present
Zebrafish Husbandry Association, 2015 – present
Psi Chi, the International Honors Society in Psychology, 2005 – present

COURSES PREPARED TO TEACH

Introductory Psychology I (PSY P101) – face-to-face and online
Methods of Experimental Psychology (PSY P211) – online
Statistical Techniques (PSY K300) – face-to-face
Behavioral Neuroscience (PSY P326) – face-to-face
Drugs in the Nervous System (PSY P407) – face-to-face and online
Stress Effects on Brain and Behavior (PSY P469) – face-to-face
Laboratory in Behavioral Neuroscience (PSY P426) – face-to-face and online
Neuropsychopharmacology (PSY P667) – face-to-face and online

CERTIFICATIONS

Teaching for Student Success Course, June 2020
Quality Matters Peer Reviewer Course, June 2019
IUN Content Accessibility Compliance Training, Indiana University Northwest CISTL, June 2018
Applying the Quality Matters Rubric, July 2014
Online Teaching, Indiana University Northwest CISTL, September 2013