**Cameron J. Davidson**

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**Education**

B.S., Psychology, GPA 3.29, Major GPA 3.46

Ball State University Muncie, Indiana. (May 5, 2012)

M.A., Social and Cognitive Processes, GPA 3.75

Department of Psychological Sciences

Ball State University Muncie, Indiana. (July 19, 2014)

M.A., Behavioral and Cognitive Neuroscience, GPA 3.85

Department of Psychological Sciences

Wayne State University Detroit, Michigan (May, 1, 2018)

Ph.D., Behavioral and Cognitive Neuroscience, GPA 3.85

Department of Psychological Sciences

Wayne State University Detroit, Michigan (In Progress)

**Research Experience:**

2015-Current Inhalant Abuse Researcher

Graduate Student with Dr. Scott E. Bowen

Department of Psychology, Wayne State University

* Working with and obtaining certification for Rodent animal work
* Obtaining and implementing techniques for drug abuse research with animals
* Developing and revising posters and presentations for conferences
* Submitted scientific manuscripts for peer review and publication
* Formulated Conducted a Masters Thesis project
* Currently constructing an experiment for Dissertation

2012-2014 Theory of Reasoned action and Sleep Lab Researcher

Graduate Student with Dr. Michael J. Tagler

Department of Psychological Science, Ball State University

* Learned the Theory of Reasoned Action (TRA) and its applicability to sleep and sleep behavior
* Familiarized with both TRA and sleep behavior/hygiene questionnaires
* Assisted with data collection and analyzed data.
* Presented data at symposiums and conferences

2013 Study Abroad Researcher

Universidad do Minho (Braga, Portugal)

* Learned neuropsychological scanning techniques
* Observed and repeated saliva protein testing procedure
* For more information, see Study Abroad section below

2012-2014 Department of Technology, Graduate Research Assistant

Ball State University (August 2012 to June 2014)

* Researched and wrote manuscripts for peer-reviewed publication
* Revised manuscripts based on peer-review feedback
* Developed posters and presentations for conferences

2011-2012 Personality (MMPI) and Sleep Lab Research Assistant

* Administered sleep questionnaires and the Minnesota Multiphasic Personality Index (MMPI) to participants
* Familiarized with several sleep measures as well as relevant sub-scales on MMPI

**Teaching Experience:**

Winter, 2018 Instructor of record PSY 2030: Statistical Methods In Psychology

Fall, 2018 Instructor of record PSY 2030: Statistical Methods in Psychology

Summer, 2018 Instructor of record PSY 3010: Statistical Methods in Psychology

Winter, 2018 Lab instructor PSY 8150: Multivariate Statistics (Quantitative Methods 2)

1 section taught to graduate students

Fall, 2017 Lab instructor PSY 7150: Quantitative Methods 1

1 section taught to graduate students

Summer, 2017 Instructor of record PSY 3010: Statistical Methods in Psychology

Winter, 2017 Lab instructor PSY 7160: Quantitative Methods 2

1 section taught to graduate students

Fall, 2016 Lab instructor PSY 7150: Quantitative Methods 1

1 section taught to graduate students

Summer, 2016 Instructor of record PSY 3120: Brain and Behavior

1 section taught

Winter, 2016 Instructor of record PSY 1030: Psychology Lab independent from lecture

3 sections taught

Fall, 2015 Instructor of record PSY 1030: Psychology Lab independent from lecture

3 sections taught

Apr. 16, 2014 Guest lecturer for Psychology 100

*Lecture Titled*: Mental health disorders and their neurological correlates

Oct. 18, 2013 Guest lecturer for Adjustment Psychology

*Lecture Titled:* Adjustment during marriage, children, and the empty nest

Sept. 17, 2013 Guest lecturer for Personality Psychology

*Lecture Titled*: Is personality a function of the brain?: Integration of neuroscience findings in personality

Sept. 12, 2013 Guest lecturer for Abnormal Psychology

*Lecture Titled*: Interpreting abnormal psychology with neuroscience: integration of neuroscience findings in abnormal psychology

Spring, 2012 Lead teaching assistant for Introduction to Psychology

Fall, 2011 Lead teaching assistant for Abnormal Psychology

Summer, 2011 Lead teaching assistant for Woman’s Psychology, Abnormal

Summer, 2011 Lead teaching assistant for Motivation & Emotion, Sensation and Perception

**Publications:**

***Published:***

Bowen, S.E., Hannigan, J.H., **Davidson**, C.J., & Callan, S.P., (2018). Abstinence Following Toluene Exposure Produces Anxiety-Like Behavior in Mice. *Neurotoxicology and Teratology, 65*(1), 42-50*.*

**Davidson**, C.J. &, Lazaros, E.J. (2014). How to use cognitive psychology when testing. *Academic Exchange Quarterly, 18*(2), 66-71.

Lazaros, E.J., & **Davidson**, C.J. (2014). Using learning technologies to enhance teaching. To *Academic Exchange Quarterly*, 18(3), 28-32.

**Davidson**, C.J., Lazaros, E.J., Samuels, K.W. (2014). Introduce basic electronics with an easy-to-build alarm. *Tech Directions, 74*(3), 25-29.

Lazaros, E.J., & **Davidson**, C.J. (2014). Increasing student retention in STEM. *Academic Exchange Quarterly*, 18(1), 119-124.

Lazaros, E.J. &, **Davidson**, C.J. (2013). Improving student engagement. *Continental Journal of Arts and Humanities*, 5(2), 103-107.

Lazaros, E.J. &, **Davidson**, C.J. (2013). The use of wikis in online education. *Academic Exchange Quarterly*, 17(3), 103-107.

Lazaros, E.J., & **Davidson**, C.J. (2013). Use of Tablet PC’s in STEM domains. *Academic Exchange Quarterly*, 17(3), 116-120.

Lazaros, E.J., & **Davidson**, C.J. (2013). Interactive Whiteboards in STEM. *The CTE Journal, 1*(2), 2-6.

Hua, D. M., Lazaros, E.J., Mattingly, A., VanMilligan, D., **Davidson**, C.J. (2013). Troubleshooting random access memory hard errors. *The CTE Journal, 1*(1), 19-27.

Lazaros E.J., & **Davidson**, C.J. (2013). Encouraging respect and acceptance of differences. *Academic Exchange Quarterly, 17*(2), 72-77.

Lazaros, E.J., & **Davidson**, C.J. (2013). Promoting a positive classroom climate in higher education in the United States. *Continental Journal of Arts and Humanities, 5*(1), 8-12.

Lazaros, E.J., & **Davidson**, C.J. (2014). Asynchronous online classrooms: Success for student and teacher. *Academic Exchange Quarterly*, 18(4).

***Works in Progress:***

**Davidson**, C.J., Ellis, J.D., Struble, C.A. (in preparation). Prenatal Exposure to Opioids and Outcomes in Spatial Memory Performance among Rodents: A Meta-Analytical Review.

Callan, S.P., **Davidson, C.J.,** Hannigan, J.H., Bowen, S.E. (in preparation). Abstinence from prolonged toluene exposure increases seizure activity in mice.

**Presentations:**

**Davidson,** C.J. (2019, June 17th). *Periadolescence Tolunee Expsoure Alters Behavioral Responsiveness to Later Ethanol or Cocaine Challenges in Swiss-Webster Mice.* Presented at College on Problems of Drug Dependance (CPDD) annual meeting San Antonio, TX.

**Davidson,** C.J.(2019, May 13th). *BTEX: A Preclinical Exposure Model .* Presented at Drug and Alcohol Research Network (DARN) monthly meeting, Wayne State University, Detroit, MI.

**Davidson,** C.J., Naddaf, M.M., Bowen, S.E. (2019, May 10th and 13th). *Differences in locomotor activation during exposure to binge-like toluene during the periadolescence period in Swiss-Webster mice.* Presented at Michigan Society for Neuroscience Annual Meeting at Western Michigan University, Kalamazoo, MI and Presented at Translational Neuroscience Presentation day at Wayne State University, Detroit, MI.

**Davidson,** C.J., Naddaf, M.M., Holcomb, D.L., Bowen, S.E. (2018, May 14th). *Binge-like toluene exposure in periadolescence alters the behavioral responsiveness to subsequent drug challenges in Swiss-Webster mice.* Presented at Michigan Society for Neuroscience Annual Meeting at Wayne State University, Detroit, MI.

**Davidson**, C.J., Struble, C.A., Ellis, J.D. (2017, May 22nd). *Prenatal Exposure to Opioids and Outcomes in Spatial Memory Performance Among Adult Rodents: A Meta-Analytical Review.* Presented at Michigan Society for Neuroscience Annual Meeting at University of Michigan and presented at Wayne State University Department of Psychology Graduate Student Poster Day, Detroit, MI.

Callan, S.P., **Davidson** C.J., & Bowen S.E. (2016, May 20th). *Decreased Seizure Threshold in Mice Following Twenty-four Hour Exposure to Toluene Vapor.*  Presented at Michigan Society For Neuroscience 47th Annual Meeting, Michigan State University, Lansing, MI.

**Davidson**, C.J. (2014, October). *Psychology and the use of social media in the online classroom*. Poster presented at the Lilly Teaching and Learning Conference, Traverse City, MI.

Lazaros, E.J., & **Davidson**, C.J. (2014, October). *Effectiveness of tablets in the university classroom.*  Presented at the Lilly Teaching and Learning Conference, Traverse City, MI.

Lazaros, E.J., & **Davidson**, C.J., (2014, September). *Career and technical education online.* Presented at the Indiana ACTE (I-ACTE) Professional Development Conference, Indianapolis IN.

**Davidson**, C.J., & Lazaros, E.J. (2014, September). *CTE Student Assessment*. Presented at the Indiana ACTE (I-ACTE) Professional Development Conference, Indianapolis, IN.

**Davidson**, C.J., & Lazaros, E.J., (2014, September). *Increasing females in CTE and STEM domains.*  Presented at the Indiana ACTE (I-ACTE) Professional Development Conference, Indianapolis, IN.

**Davidson**, C.J., Dias, M., Vasconcelos, M., Ridge, J., Rauber, A., Donaldson, L., Henderson, K., Andrick, G.,Daly, H., Perrone-McGovern, K., Simon-Dack, S.L., Gonsalves, O., & Pinherio, A. (2014, April). *Does culture play a role in the processing of emotional non-verbal vocalizations? An event-related potentials study.* Presented at the Cognitive neuroscience society 21st annual meeting, Boston, MA.

**Davidson**, C.J., Stanko, K.A., Shorts, M.L., Mohler, K.N., Hall, K.L., Tagler, M.J. (2014, April). The theory of planned behavior and sleep time consistency Presented at the Twenty-second annual Psychological science poster session Ball State University, Muncie, IN.

Lazaros, E.J. & **Davidson**, C.J. (2013, September). *Using Problem-based learning with STEM in Education*. Presented at Indiana ACTE (I-ACTE) Professional Development Conference. Indianapolis, IN.

**Davidson**, C.J. & Lazaros, E.J. (2013, September). *Computer-mediated communications higher education*. Presented at the Indiana ACTE (I-ACTE) Professional Development Conference, Indianapolis, IN.

Tagler, M.J., Forbey, J.D., Stanko, K.A., & **Davidson**, C.J. (2013, May) *Predicting intentions to engage in sleep hygiene behaviors: A Reasoned action approach.* Presentation at the 2013 meeting of the Midwestern Psychological Association, Chicago, IL.

Stanko, K.A., **Davidson**, C.J. (2013, April). Psychological Science Poster Session Presenter, Department of Psychological Sciences, Ball State University, Muncie, IN.

**Davidson**, C.J., & Stanko, K.A. (2013, March). 18th Annual Student Symposium Presenter, Facilitated by the Sponsored Programs Office, Ball State University.

Stanko, K.A., Tagler, M.J., Forbey, J.D., **Davidson**, C.J., Wilson, J. & Spiker, D. (2012, April). Psychological Science Poster Session Presenter, Department of Psychological Sciences, Ball State University, Muncie, IN.

Stanko, K.A., & **Davidson**, C.J. (2014, March). 17th Annual Student Symposium Presenter, Facilitated by the Sponsored Programs Office, Ball State University, Muncie, IN.

**Grants:**

June, 2017 **Title:** RFQ D-17-OD-0092: Synthetic Opioid Substance Evaluation

**Principal Investigator:** Bowen, Scott

**Agency:** Drug Enforcement Administration

**Amount: $**85,000

**Status:** Not funded

June, 2017 **Title:** RFQ D-17-OD-0093: Synthetic Opioid Drug Discrimination

**Principal Investigator:** Bowen, Scott

**Agency:** Drug Enforcement Administration

**Amount: $**185,000

**Status:** Not funded

March, 2017 **Title:** Betty Neitzel Grant: Gestational cannabinoid exposure and early postnatal development in rats

**Principal Investigator:** Brummelte, Susanne & Bowen, Scott

**Agency:** Wayne State University

**Amount: $**13,000

**Status:** Funded

June, 2014 **Title:** Lilly Teaching and Learning Conference Graduate Student Grant

**Principal Investigator:** Davidson, Cameron

**Agency:** Lilly Teaching and Learning Conference

**Amount: $**300.00

**Status:** Funded

May, 2014  **Title:** Construction Knowledge Management for unstructured documents

**Principal Investigator:** Mahfouz, Tarek

**Assistant to Principal Investigator:** Davidson, Cameron

**Agency:** National Science Foundation (NSF)

**Amount: $**400,000.00

**Status:** Not Funded

November, 2012 **Title:** Understanding The behaviors of supply and demand in electrical building products acquisition

**Principal Investigator:** Mahfouz, Tarek

**Assistant to Principal Investigator:** Davidson, Cameron

**Agency:** Electri International- The Foundation for Electrical Construction Inc.

**Amount: $**45,000.00

**Status:** Not Funded

**Study Abroad/ Immersive Learning:**

Summer, 2013 Summer immersive learning in Neuropsychophysiology

University of Minho, Braga, Portugal.

* Participated in the collection and analysis of 3 methodologies prominent in neuroscience research: Functional magnetic resonance imaging (*f*MRI), Event-related potentials (ERPs), and Peripheral recording measures such as ECG and SCL
* Researched using techniques and presented data at a national conference
* Learned testing procedure for mouth swabbing and protein analysis

**Academic Awards**

March 27, 2019 Early Career Investigators CPDD Travel Award, San Antonio, TX

February 5, 2019 2019-2020 Rumble Fellowship Award, Wayne State University, Detroit Michigan

April 13, 2018 Julie A. Thomas Memorial Scholarship Award, Wayne State University, Detroit Michigan

April 13, 2018 Psychology Department Teaching Award-Laboratory course, Wayne State University, Detroit Michigan

January 25, 2018 Thesis Support Award. Wayne State University, Detroit, Michigan.

March 31, 2014 Certificate of achievement in recognition of academic accomplishments at the graduate level. Ball State University, Muncie, Indiana

Spring 2011- Dean’s List Recognition Ball State University, Muncie, Indiana

Spring 2012

**Academic Service**

June 17th, 2019 Oral Session Chair for CPDD national conference San Antonio, TX

April 18th, 2019 ReBUILDetroit Multidisciplinary research mentor workshop, Wayne State University, Detroit Michigan

March 28th, 2019 Poster Judge for Rodney Clark Memorial Poster Day for Undergraduate Research, Wayne State University, Detroit Michigan

January 22nd, 2019 Graduate Student Organization (GSO), Graduate Student Mentorship Award Development Committee. Wayne State University, Detroit Michigan

January 9th, 2019 Graduate Student Organization (GSO), Student representative for faculty meetings. Wayne State University, Detroit Michigan. Appointment 1 year.

May 16th, 2018 Judge for the Animal Sciences area for the International Science and Engineering Fair (ISEF), Pittsburg Pennsylvania

March 22nd, 2018 Poster Judge for Rodney Clark Memorial Poster Day for Undergraduate Research, Wayne State University, Detroit Michigan

February 23rd, 2018 Interview Day Assistant, Conducted lab tours with doctoral candidates

Wayne State University, Detroit Michigan

March 30th, 2017 Poster Judge for Rodney Clark Memorial Poster Day for Undergraduate Research, Wayne State University, Detroit Michigan

March 15th, 2017 Graduate Student Organization (GSO) Psychology Department Board Member and Treasurer, Wayne State University, Detroit, Michigan. Appointment: 2 years

February 10th, 2017 Interview Day Assistant, Conducted lab tours with doctoral candidates

Wayne State University, Detroit Michigan

March 24th, 2016 Poster Judge for Rodney Clark Memorial Poster Day for Undergraduate Research, Wayne State University, Detroit Michigan

**Professional Memberships**

2016-Current Michigan Chapter for Society for Neuroscience

2012-Current American Psychological Association (APA)

Washington, DC 20002

2013-2016 Association for Psychological Science (APS)

Washington, DC 20005

2013- Current Cognitive Neuroscience Society (CNS)

Davis, CA 95618

2013 Indiana-Association for Career and Technical Education (I-ACTE)

Veedersburg, IN 47987

**References**

Dr. Scott Bowen Ph.D . Professor and Interim chair of Psychology Deparrtment

Phone #: 313-577-9546 E-mail address: scott.bowen@wayne.edu

Dr. John Hannigan Ph.D. Professor of Psychological Science

Phone #: 313-664-2503 E-mail address: j.hannigan@wayne.edu

Dr. Susanne Brummelte Assistant Professor of Psychological Science

Phone #: 313-577-8961 E-mail address: sbrummelte@wayne.edu

Dr. James Rohrer Ph.D. Assistant professor of Psychological Science

Phone #: 765-285-1690 E-mail address: jrrohrer@bsu.edu