

I. **BIOGRAPHICAL DATA**

Name: David Lindenbach

Address: 2266 Woodpark Ave SW, Calgary, AB, T2W 2Z8

Telephone: Cell (403) 830-7371

Primary Affiliation

Title: Director of Research

Agency: Hull Services

Additional Affiliation

Present rank: Adjunct Assistant Professor

Department: Psychiatry

Faculty: Medicine

Institution: University of Calgary

II. **ACADEMIC RECORD**

Final degree: Doctor of Philosophy

Date completed: 2015

Specialty: Behavioral Neuroscience

Institution/City/Country:

State University of New York at Binghamton, Binghamton, NY, USA

i. Undergraduate:

Bachelor of Arts in Sociology, Willamette University, 2004 – 2008

ii. Graduate and post-doctoral:

Master of Science in Psychology, State University of New York at Binghamton, Binghamton, NY, USA, 2009 – 2011

Doctor of Philosophy in Behavioral Neuroscience, State University of New York at Binghamton, Binghamton, NY, USA, 2011 – 2015

Postdoctoral Fellow, Department of Psychiatry, University of British Columbia, Vancouver, BC, Canada, 2015 – 2018

III. AWARDS AND DISTINCTIONS

2022 – 2023	Evolve to Innovate Trainee Award, Innovate Calgary (\$10,000; top 10%)
2017	Outstanding Poster Award, Djavad Mowafaghian Centre for Brain Health Annual Trainee Competition, University of British Columbia, Vancouver, BC, Canada (\$250)
2016	Best Project Presentation (runner-up), Frontiers in Neurophotonics, Quebec City, QC, Canada
2014	Conference Travel Award, Movement Disorders Society, Stockholm, Sweden (\$1,000 USD)
2013 – 2014	Center for Development and Behavioral Neuroscience Graduate Scholarship, State University of New York at Binghamton (\$18,500 USD)
2013	Graduate Student Award for Excellence in Research (awarded to 10-15 students per year), State University of New York at Binghamton
2009 – 2013	Full Graduate Scholarship and Stipend, The Graduate School, State University of New York at Binghamton (\$55,500 USD)
2006 – 2008	Dean's List, Willamette University
2004 – 2008	Merit Scholarship, Willamette University (\$40,000 USD)

IV. ACADEMIC APPOINTMENTS

2023 – Present	Adjunct Assistant Professor of Psychiatry, University of Calgary
2018 – 2023	Research Associate, University of Calgary
2015 – 2018	Postdoctoral Fellow, University of British Columbia
2009 – 2015	Graduate Student, State University of New York at Binghamton

V. EDUCATIONAL ACTIVITIES

i. Undergraduate

2013	General Psychology Laboratory (Psyc 112). Lab Instructor
2012	Research Methods Laboratory (Psyc 344). Lab Instructor
2012	Physiological Psychology (Psyc 362). Instructor of Record
2011	Physiological Psychology (Psyc 362). Teacher's Assistant
2011	Learning Laboratory (Psyc 357). Lab Instructor
2010	Cognition Laboratory (Psyc 359). Lab Instructor
2009	General Psychology Laboratory (Psyc 112). Lab Instructor

ii. Graduate (course and student supervision)

2014	Tutor for graduate-level statistics (special appointment)
2012	Tutor for graduate-level statistics (special appointment)

iii. Postgraduate (research and clinical fellows)

2017 – 2018	Co-organizer, Neurodegenerative Diseases Journal Club, University of British Columbia
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iv. Mentoring

2024	BSW Practicum Supervisor for David Morales
2024	BSW Practicum Supervisor for Sydnee Bennett
2024	BSW Practicum Supervisor for Farhat Mohammadi
2023	MSW Practicum Supervisor for Jamie Major

- 2022 BSW Practicum Supervisor for Bryan Chung
- 2024 – Present Community research partner and graduate student mentor for the Child Adversity and Resilience Research Training Platform.
- 2009 – Present Supervised total of 42 undergraduates and 7 graduate students in research projects spanning the disciplines of neurology, psychiatry and social work. Research topics include behavioural pharmacology, molecular biology, pharmacotherapy, psychotherapy, child maltreatment and child welfare.
- 2016 – 2018 Served as a mentor for the Undergraduate Research Organization at the University of British Columbia and judged undergraduate research competitions.

VI. ADMINISTRATIVE RESPONSIBILITIES

i. Departmental

- 2013 – 2014 Psychology Department Mobilizer, Graduate Student Employee’s Union, Communication Workers of America, Local 1104

ii. University

- 2019 – 2021 Council Representative (Alternate), Alberta Union of Provincial Employees, Local 52
- 2012 – 2014 Psychology Department Senator, Graduate Student Organization, State University of New York at Binghamton

iii. National

- 2024 – Current Advisory Committee Member, Practice and Policy Analysis, Canadian Consortium on Child & Youth Trauma

VII. PROFESSIONAL ACTIVITIES

i. Membership in professional and learned societies

- 2024 – Present Member, Canadian Consortium on Child & Youth Trauma
- 2024 – Present Member, Alberta Children’s Hospital Research Institute
- 2023 – Present Associate Member, Mathison Centre for Mental Health Research & Education
- 2023 – Present Associate Member, Hotchkiss Brain Institute
- 2018 – 2019 Member, Canadian Association for Neuroscience
- 2014 – 2015 Member, Movement Disorders Society
- 2010 – 2016 Member, Society for Neuroscience
- 2008 – 2009 Member, Cognitive Neuroscience Society

ii. Professional service

Journal reviews (official pool)

- 2023 – Present Journal of Aggression, Maltreatment and Trauma

Journal reviews (ad hoc invitations)

2024	Journal of the Canadian Academy of Child & Adolescent Psychiatry
2024	Children and Youth Services Review
2024	PLoS One
2024	Child & Youth Care Forum
2024	Frontiers in Psychiatry
2024	Frontiers in Child and Adolescent Psychiatry
2024	Child Maltreatment
2024	Journal of Aggression, Maltreatment & Trauma (3x review assignments)
2023	Journal of Child Sexual Abuse
2023	Clinical Psychology & Psychotherapy
2023	Frontiers in Psychiatry
2023	Scientific Reports
2023	Psychiatry Research (3x review assignments)
2023	International Journal of Population Data Science
2022	Journal of the Canadian Academy of Child and Adolescent Psychiatry
2022	Naunyn-Schmiedeberg's Archives of Pharmacology
2021	Child Maltreatment
2021	Nutrients
2021	Child & Youth Services Review
2021	Computers in Human Behavior Reports
2020	British Journal of Pharmacology
2019	Parkinson & Related Disorders
2019	Aging and Disease
2018	Neuroscience
2018	Chinese Journal of Physiology
2017	Behavioural Brain Research
2016	Synapse
2015	Life Sciences
2014	Neuropsychiatric Disease and Treatment

Government agencies

2018 – 2019	Representative for the Mathison Centre for Mental Health Research & Education, Calgary Board of Education Trauma-informed Practice Team
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Conference organizing

2024	Lead organizer for <i>Responding to Developmental Trauma</i> , which brought together 40 experts in child welfare from across Canada and the USA to identify transdisciplinary approaches to supporting families impacted by complex trauma. Hosted at Hull Services in Calgary, Canada.
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Community service (volunteer)

2022 – Present	Board of Directors (Director of Grant Writing), Scenic Acres Community Association, Calgary, Canada
2019 – 2021	Data Analyst for Non-Profit Organizations, Data for Good – Calgary Chapter
2012 – 2015	Researcher and Mobilizer, Citizen's Action of New York – Greater Binghamton Chapter
2009 – 2015	School Outreach Coordinator, Brain Awareness, The Dana Foundation

VIII. RESEARCH SUPPORT

- 2024 – 2025 Principal Investigator. “Gathering youth perspectives to optimize therapeutic recreation.” *Burns Memorial Fund for Children: Community Grant*. \$14,980.
- 2024 – 2026 Nominated Principal Applicant. “Applying Indigenous ways of being, knowing and doing to a talk therapy program for Indigenous youth, families and communities in Alberta.” *Alberta Children’s Hospital Research Institute: One Child Every Child Seedling Award*. \$50,000.
- 2024 – 2026 Primary Organization Supervisor. “Enhancing behavioural and mental health services for youth impacted by developmental trauma by strengthening caregiver and provider networks.” *Mitacs Accelerate*. \$30,000.
- 2024 – 2025 Project Holder. “A beginner-level pump track to support trauma-informed sports for vulnerable youth.” *Parks Foundation Calgary: Amateur Sport Grant*. \$50,000.
- 2024 – 2025 Project Holder. “Preventing and mitigating developmental trauma through a transdisciplinary community-university partnership.” *University of Calgary: Transdisciplinary Scholarship Connector Grant*. \$17,000.
- 2023 – 2024 Co-applicant. “Capturing the youth voice to inform outcomes for child and youth advocacy centres.” *Canadian Consortium on Child & Youth Trauma: Seed Grant*. \$25,000.
- 2023 – 2024 Co-applicant. “LEAPS-IYS: Learning to Equitably Adapt Peer Support for Integrated Youth Services.” *Canadian Institutes of Health Research: Catalyst Grant*. \$199,960.
- 2022 – 2026 Co-applicant. “TransitionED: Co-designing and implementing Canadian Practice Guidelines for transitions for youth and young adults with eating disorders.” *Canadian Institutes of Health Research Team Grant: Transitions in Care*. \$960,000.
- 2022 – 2023 Co-investigator. “Optimizing school-based mental health interventions for Calgary students.” *City of Calgary: Mental Health and Addiction Investment Framework*. \$471,525.
- 2020 – 2027 Co-investigator. “Canadian Consortium on Child & Youth Trauma – Consortium Canadien sur le trauma chez les enfants” *Social Science and Humanities Research Council: Partnership Grant*. \$2,500,000.
- 2020 – 2021 Co-investigator. “Enhancing resilience among vulnerable youth through online delivery of a brief, evidence-based psychotherapy.” *Government of Alberta: Mental Health and Addiction COVID-19 Community Funding Grant*. \$48,000.

- 2020 – 2021 Co-investigator. “A brief, online psychotherapy intervention to support UC students during the pandemic.” *University of Calgary: COVID-19 Giving Day Funding Opportunity*. \$10,000.
- 2015 Co-investigator. “Treatment of Parkinson’s disease using intranasal delivery via electro spray atomization.” *Binghamton University: Transdisciplinary Areas of Excellence Seed Grant*. \$15,000 USD.
- 2015 Co-investigator. “D-512, a novel multifunctional D2/D3 receptor agonist for the treatment of Parkinson’s disease.” *Michael J. Fox Foundation: Rapid Response Innovation Award*. \$75,000 USD.

IX. INVITED ADDRESSES

- 2024 “Experiences of Child Advocacy Centre Staff Recognizing and Responding to Online Child Sexual Exploitation.” Invited address for *Practice and Research Together*. Virtual event.
- 2023 “Use of the Unified Protocol with children in a therapeutic group home.” Invited presentation for *Voices of Community Collaboration in Youth Mental Health*. Grand Prairie, Canada.
- 2022 “Implementing a transdiagnostic cognitive behavioural therapy in a group home for high needs youth impacted by child maltreatment.” Invited presentation for *Canadian Pediatric Society* conference entitled *Canadian Symposium on Advanced Practices in Child Maltreatment*. Calgary, Canada.
- 2020 “Implementation of the Unified Protocol in community settings in Calgary.” Guest lecture for *Child and Adolescent Counselling (EDPS 685)* at University of Calgary. Calgary, Canada.
- 2019 “Capacity of Alberta professionals to recognize and respond to child sexual exploitation.” Invited presentation for *Protecting Children in the Digital Age* conference. Calgary, Canada.

X. PUBLICATIONS/PRESENTATIONS

i. Peer-reviewed manuscripts

1. **Lindenbach, D.** Wang, E.Y., Scammell, J., O’Neill, T., Bennett, S., Mohammadi, F., Ehrenreich-May, J., Arnold, P.D., & Dimitropoulos, G. *Submitted*. Child and caregiver perspectives on implementing a transdiagnostic cognitive behavioral therapy for children impacted by trauma in a residential treatment setting.
2. **Lindenbach, D.**, Dimitropoulos, G., Wood, V., Bainbridge, C., Anderson, A., Hervey, V., Arnold, P.D. & Wang, E.Y. *Submitted*. The impact of reflective practice on the wellbeing and competency of supervisors and frontline staff in a non-profit community provider of mental health services for youth and families.
3. Singh, M., Austin, M., **Lindenbach, D.**, Vander Steen, H., Habina, C., Marcoux-Louie, G., Loeb, K.,

Engel, S., LeGrange, D. & Dimitropoulos, G. *Under Revision*. Ecological momentary assessment for adolescents with Anorexia Nervosa and their parents/caregivers in family-based treatment.

4. Fitts, A., Binford, W., **Lindenbach, D.** & Dimitropoulos, G. (2024). Confidence, training and barriers for Canadian law enforcement in cases of luring, sexual abuse and child sex abuse imagery. *International Journal of Child Maltreatment*.
5. **Lindenbach, D.**, Anderson, A., Wang, E., Heintz, M., Rowbotham, M., Ehrenreich-May, J., Arnold, P.D. & Dimitropoulos, G. (2024). Feasibility and acceptability of implementing a transdiagnostic cognitive behavioral therapy for children impacted by trauma within a residential treatment facility. *Child & Youth Services*, 1-26.
6. Dimitropoulos, G., **Lindenbach, D.**, Potestio, M., Mogan, T., Richardson, A., Anderson, A., Heintz, M., Moskovic, K., Gondziola, J., Bradley, J., La Monica, H., Iorfino, F., Hickie, I.B., Patten, S.B. & Arnold, P.D. (2024). Using a rapid learning health System for stratified care in emerging adult mental health services: Protocol for the implementation of patient-reported outcome measures. *JMIR Research Protocols*, 13.
7. Dimitropoulos, G., **Lindenbach, D.**, Anderson, A., Rowbotham, M., Wang, E., Heintz, M., Ehrenreich-May, J. & Arnold, P.D. (2023). A qualitative study on the implementation of a transdiagnostic cognitive behavioral therapy for children in a child welfare residential treatment program. *Child Abuse & Neglect*, 146, 106487.
8. Dimitropoulos, G., **Lindenbach, D.**, Rowbotham, M., Devoe, D.J., Richardson, A., Mogan, T., Patten, S.B., Ehrenreich-May, J. & Arnold, P.D. (2023). Feasibility and acceptability of a brief, online transdiagnostic psychotherapy for young adults. *Journal of the Canadian Academy of Child & Adolescent Psychiatry*. 32(2): 111-125.
9. **Lindenbach, D.**, Vacca, G., Ahn, S., Seamans, J.K. & Phillips, A.G. (2022). Optogenetic modulation of glutamatergic afferents from the ventral subiculum to the nucleus accumbens: Effects on dopamine function, response vigor and locomotor activity. *Behavioural Brain Research* 434, 114028.
10. Dimitropoulos, G.*, **Lindenbach, D.***, Devoe, D.J., Gunn, E., Cullen, O., Bhattarai, A., Kuntz, J., Binford, W. & Arnold, P.D. (2022). Experiences of Canadian mental health providers in identifying and responding to online and in-person sexual abuse and exploitation of their child and adolescent clients. *Child Abuse & Neglect* 124, 105448.
*co-first authors
11. **Lindenbach, D.**, Dimitropoulos, G., Bhattarai, A., Cullen, O., Perry, R., Arnold, P.D. & Patten, S.B. (2022). Confidence, training and challenges for Canadian child advocacy center staff when working with cases of online and in-person child sexual exploitation. *Journal of Child Sexual Abuse* 31, 297-315.
12. **Lindenbach, D.**, Cullen, O., Bhattarai, A., Perry, R., Diaz, R.L., Patten, S.B. & Dimitropoulos, G. (2021). Capacity, confidence and training of Canadian educators and school staff to recognize and respond to sexual abuse and internet exploitation of their students. *Child Abuse & Neglect* 112, 104898.

13. **Lindenbach, D.**, Seamans, J.K. & Phillips, A.G. (2019). Activation of the ventral subiculum reinvigorates behavior after failure to achieve a goal: implications for the dopaminergic modulation of motivational processes. *Behavioural Brain Research* 356, 266-270.
14. Ferland, J-M.N., Hynes, T.J., Hounjet, C.D., **Lindenbach, D.**, Vonder Haar, C., Adams, W.K., Phillips, A.G. & Winstanley, C.A. (2019). Prior exposure to salient win-paired cues in a rat gambling task increases the sensitivity to cocaine self-administration and suppresses dopamine efflux in nucleus accumbens: support for the reward deficiency hypothesis of addiction. *Journal of Neuroscience* 39, 1842-1854.
15. **Lindenbach, D.**, Das, B., Conti, M.M., Meadows, S.M., Dutta, A.K. & Bishop, C. (2017). D-512, a novel dopamine D2 / D3 receptor agonist, demonstrates superior anti-parkinsonian efficacy over ropinirole in Parkinsonian rats. *British Journal of Pharmacology* 174, 3058-3071.
16. **Lindenbach, D.**, Conti, M.M., Ostock, C.Y., George, J.A., Goldenberg, A.A., Melikhov-Sosin, M., Nuss, E.N. & Bishop, C. (2016). The role of primary motor cortex (M1) glutamate and GABA signaling in L-DOPA-induced dyskinesia in Parkinsonian rats. *Journal of Neuroscience* 36, 9873-9887.
17. Conti, M.M., Meadows, S., Melikhov-Sosin, M., **Lindenbach, D.**, Hallmark, J., Werner, D.F. & Bishop, C. (2016). Monoamine transporter contributions to L-DOPA effects in hemi-parkinsonian rats. *Neuropharmacology* 110:125-134.
18. Conti, M.M., Goldenberg, A.A., Kuberka, A., Mohamed, M., Eisa, S., **Lindenbach, D.**, & Bishop, C. (2016). Effect of tricyclic antidepressants on L-DOPA-induced dyskinesia and motor improvement in hemi-Parkinsonian rats. *Pharmacology, Biochemistry and Behavior* 142, 64-71.
19. **Lindenbach, D.**, Conti, M.M., Ostock, C.Y., Dupre, K.B. & Bishop, C. (2015). Alterations in primary motor cortex neurotransmission and gene expression in a rat model of Parkinson's disease and drug-induced dyskinesia. *Neuroscience* 310, 12-26.
20. Bhide, N., **Lindenbach, D.**, Barnum, C.J., George, J.A., Surrena, M.A. & Bishop, C. (2015). Effects of the beta-adrenergic receptor antagonist Propranolol on dyskinesia and L-DOPA-induced striatal DA efflux in the hemi-parkinsonian rat. *Journal of Neurochemistry* 134, 222-232.
21. **Lindenbach, D.**, Palumbo, N., Ostock, C.Y., Vilceus, N., Conti, M.M. & Bishop, C. (2015). Side-effect profile of serotonergic treatments for Parkinson's disease and L-DOPA-induced dyskinesia in rats. *British Journal of Pharmacology* 172, 119-130.
22. Ostock, C.Y., **Lindenbach, D.**, Goldenberg, A.A., Kampton, E. & Bishop, C. (2014). Effects of noradrenergic denervation by anti-DBH-saporin on behavioral responsiveness to L-DOPA in the hemi-parkinsonian rat. *Behavioral Brain Research* 270, 75-85.
23. Conti, M.C., Ostock, C.Y., **Lindenbach, D.**, Goldenberg, A.A., Kampton, E., Dell'isola, R., Katzman, A. & Bishop, C. (2014). Effects of prolonged selective serotonin reuptake inhibition on the development and expression of L-DOPA-induced dyskinesia in hemi-parkinsonian rats. *Neuropharmacology* 77, 1-8.
24. **Lindenbach, D.** & Bishop, C. (2013). Critical involvement of the motor cortex in the

pathophysiology and treatment of Parkinson's disease. *Neuroscience and Biobehavioral Reviews* 37, 2737-2750.

25. **Lindenbach, D.**, Dupre, K.B., Eskow Jaunarajs, K.L., Ostock, C.Y., Goldenberg, A.A. & Bishop, C. (2013). Effects of 5-HT_{1A} receptor stimulation on striatal and cortical M1 pERK induction by L-DOPA and a D1 receptor agonist in a rat model of Parkinson's disease. *Brain Research* 1537, 327-339.
26. Bhide, N., **Lindenbach, D.**, Surrena, M.A., Goldenberg, A.A., Bishop, C., Berger, S.P. & Paquette, M.A. (2013). The effects of BMY-14802 against L-DOPA and DA agonist-induced dyskinesia in the hemiparkinsonian rat. *Psychopharmacology* 227, 533-544.
27. Barnum, C.J., Bhide, N., **Lindenbach, D.**, Surrena, M.A., Goldenberg, A.A., Tignor, S., Klioueva, A., Walters, H. & Bishop, C. (2012). Effects of noradrenergic denervation on L-DOPA-induced dyskinesia and its treatment by α - and β -adrenergic receptor antagonists in hemiparkinsonian rats. *Pharmacology Biochemistry and Behavior* 100, 607-615.
28. **Lindenbach, D.**, Ostock, C.Y., Eskow Jaunarajs, K.L., Dupre, K.B., Barnum, C.J., Bhide, N. & Bishop, C. (2011). Behavioral and cellular modulation of L-DOPA-induced dyskinesia by β -adrenoceptor blockade in the 6-hydroxydopamine-lesioned rat. *Journal of Pharmacology and Experimental Therapeutics* 337, 355-365.

ii. Non-peer Reviewed Publications

1. Arnold, P.D., Dimitropoulos, G., **Lindenbach, D.**, Zwicker, J., & Greer, K. (2023). Recommendations for a comprehensive youth mental health strategy for Alberta. *Alberta 2023: Health System Challenges and Opportunities*.
<https://obrieniph.ucalgary.ca/sites/default/files/teams/1/Recommendations-for-a-Comprehensive-Youth-Mental-Health-Strategy-in-Alberta.pdf>
2. **Co-author.** (2022). Push 2 Heal: Pilot Project. Final evaluative report.
<https://hullservices.ca/skateboard-research/>

iii. Books, chapter:

1. Gruen, R., **Lindenbach, D.**, Ehrenreich-May, J., Arnold, P. & Dimitropoulos, G. (2023). A trauma-informed approach to the Unified Protocol for Children with exposure to child maltreatment. In Shenk, C. (Ed.). *Innovative Methods in Child Maltreatment Research and Practice*. Springer. 199-225.

iv. Abstracts

Conference Presentations Delivered

1. **Lindenbach, D.**, Wang, E., Dimitropoulos, G. (2025). Trauma-informed applications of psychotherapy and movement-based therapy in schools. *Canadian Consortium on Child & Youth Trauma*. Montreal, Canada.
2. **Lindenbach, D.** (2023). Brief transdiagnostic cognitive behavioural therapy in a specialized school setting. *Alberta Research Network*. Edmonton, Canada.

3. Dimitropoulos, G., Arnold, P.D., Wang, E., **Lindenbach, D.** (2023). Brief transdiagnostic cognitive behavioural therapies across age ranges and settings. *Canadian Academy of Child and Adolescent Psychiatry*. Calgary, Canada.
4. **Lindenbach, D.**, Anderson A., Rowbotham, M., Heintz, M., Ehrenreich-May, J., Wang, E., Arnold, P.D., Dimitropoulos, G. (2023). Implementing a transdiagnostic cognitive behavioural therapy in a group home for children with trauma exposure and child welfare involvement. *Sebastian K. Littman Research Day*. Calgary, Canada.
5. Dimitropoulos, G., Wang, E., **Lindenbach, D.**, Malouf, M., Pippus, J. (2022). Improving community health and mental health supports for youth exposed to child maltreatment. *Canadian Consortium on Child & Youth Trauma*. Montreal, Canada.
6. Thannhauser, J., **Lindenbach, D.**, Devoe, D. (2021). Partnering for change: an evidence-based program to enhance students' psychological coping. *Collaborations for Change*. Calgary, Canada.
7. **Lindenbach, D.**, Cullen, O., & Dimitropoulos, G. (2020). Child sexual abuse materials: service provider experiences across Alberta. *International Federation of Social Workers*. Calgary, Canada.
8. **Lindenbach, D.**, Perry, R., Cullen, O., Bhattarai, A., Diaz, R.L., Patten, S.B., & Dimitropoulos, G. (2020). Capacity of Alberta healthcare providers to recognize and respond to sexual abuse and internet exploitation of their patients. *Sebastian K. Littman Research Day*. Calgary, Canada.

First-author Posters at International Conferences

1. **Lindenbach, D.**, Phillips, A.G., & Seamans, J.K. (2018). Glutamatergic modulation of dopaminergic activity in the nucleus accumbens can enhance or inhibit motivation as a function of recent failure or success. *Canadian Association for Neuroscience*, Vancouver, Canada.
2. **Lindenbach, D.**, Vacca, G., Haratikia, A., Seamans, J.K. & Phillips, A.G. (2016). Modulation of nucleus accumbens dopamine efflux and reward-seeking behaviour in rats following electrical and optogenetic stimulation of the afferent glutamate projection from the ventral subiculum. *Society for Neuroscience*, San Diego, USA.
3. **Lindenbach, D.**, Meadows, S., Avnor Y., Nuss E., Melikhov-Sosin, M., Gross, L., Vilceus, N., Schuman, N., Das B., Dutta, A.K. & Bishop, C. (2015). D-512, a novel dopamine D2 / D3 receptor agonist, demonstrates superior anti-parkinsonian efficacy over ropinirole in parkinsonian rats. *Society for Neuroscience*, Chicago, USA.
4. **Lindenbach, D.** & Bishop, C. (2014). Modulating dopamine and glutamate signaling in the primary motor cortex alters the motor symptoms of Parkinson's disease and L-DOPA-induced dyskinesia in rats. *Society for Neuroscience*, Washington DC, USA.
5. **Lindenbach, D.**, Palumbo, N., Ostock, C.Y., Vilceus, N., Conti, M.M. & Bishop, C. (2014). Side effect profile of serotonergic treatments for Parkinson's disease and L-DOPA-induced dyskinesia in hemi-parkinsonian rats. *Movement Disorders Society*, Stockholm, Sweden.

6. **Lindenbach, D.**, Goldenberg A., Ostock, C., Conti, M. & Bishop, C. (2013). Modulation of primary motor cortex neurotransmitter signaling by dopamine lesion and L-DOPA therapy using a rat model of Parkinson's disease. *Society for Neuroscience*, San Diego, USA.
7. **Lindenbach, D.**, Dupre, K.B. & Bishop, C. (2012). L-dopa-induced changes in motor cortex gene expression in a rat model of Parkinson's disease. *Society for Neuroscience*, New Orleans, USA.
8. **Lindenbach, D.**, Eskow Jaunarajs, K.L. & Bishop, C. (2011). Effects of 5-HT_{1A} receptor stimulation on L-DOPA-induced striatal pERK in a rat model of Parkinson's disease. *Society for Neuroscience*, Washington DC, USA.
9. **Lindenbach, D.**, Ostock, C.Y., Eskow Jaunarajs, K.L., Button T., Dupre, K.B. & Bishop, C. (2010). Effects of β -adrenergic receptor blockade on L-DOPA-induced dyskinesia: A role for the striatum. *Society for Neuroscience*, San Diego, USA.
10. **Lindenbach, D.**, Stevens, C., Currin, J., Bell T. & Neville, H. (2009). Genetic polymorphisms affecting dopaminergic activity predict blink rate in young children. *Cognitive Neuroscience Society*, San Francisco, USA.