

Curriculum Vitae

HUGH GARAVAN PhD

Contact Details

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Current Appointments

- **Professor**, Department of Psychiatry, University of Vermont, USA
- **Adjunct Associate Professor**, School of Psychology, Trinity College Dublin, Ireland

Education

1990	National University of Ireland	B.A.	Honours Psychology
1993	Bowling Green State University	M.A.	Cognitive Psych & Behavioral Neuro
1995	Bowling Green State University	Ph.D.	Cognitive Psych & Behavioral Neuro

Previous Professional Positions

1995 – 1997	Postdoctoral Fellow, Department of Psychology, Cornell University, USA.
1997 – 1999	Postdoctoral Fellow and Research Scientist, Department of Psychiatry and Behavioral Medicine, Medical College of Wisconsin, USA.
2000 – 2005	Assistant Clinical Professor, Department of Psychiatry and Behavioral Medicine, Medical College of Wisconsin, USA.
2000 – 2005	Lecturer (Senior Lecturer: 2005-2007), Department of Psychology, Trinity College Dublin, Ireland.
2003 – 2006	Director of Functional Brain Imaging, Trinity College Institute of Neuroscience, Trinity College Dublin, Ireland.
2004 – 2010	Research Scientist V, Nathan Kline Institute, New York, USA.
2005 – 2010	Associate Professor, School of Psychology, Trinity College Dublin, Ireland.

Post-Graduate Student Supervision

2004	Jacqueline Kaufman (PhD) *	Kevin Murphy (PhD)
	Catherine Fassbender (PhD)	Nick Kidd (D.Clin.Psych.)
2005	Veronica Dixon (MSc) *	
2006	Clare Kelly (PhD)	
2007	Sharon O'Sullivan (D.Clin.Psych.)	Emma Sheehan (MSc)
	Kelly Janssens (MSc)	Susan MacManus (MSc)
	Erik O' Hanlon (PhD)	Dearbhla O' Connor (MSc)
2008	Gloria Roberts (PhD)	Lisa Ronan (PhD)
	Liam Nestor (PhD)	Ciaran Wynne (MSc)
	Alex Pereda (PhD) *	Alice Galvin (MSc)
	Saud Alhusaini (MSc)	Adam Stone (MSc)
2009	Marika Doucet (MSc)	Martina Hughes (MSc)
	Jelena Ivanovic (MSc)	Sameer Datwani (MSc)
	Silvia Mencaraglia (MSc)	Stacey Ball (MSc)
2010	Sarah Jacobson (PhD)	Sharon McElroy (D.Clin.Psych.) *
2011	Finian O' Brien (PhD) *	
2012	Jane Sanders (PhD) *	
2013	Brendan Behan (PhD)	Ryan Bell (PhD) *
2014	Nick Ortiz (MSc)	Kathryn Olds (MSc)
2017	Brittany Fair (MSc) *	
2019	Nick D'Alberto (PhD)	Phil Spechler (PhD)
	Kelsey Hudson (PhD)	
2023	Sage Hahn **	De Kang Yuan **

* *Co-supervisor*

** *Indicates anticipated dates of degrees to be awarded*

Post-Doctoral Supervision

Andrea Kuebler	Robert Hester	Elena Magno
Cristina Simoes-Franklin	Colm Connolly	Eric O Hanlon
Edmund Lalor	Robert Whelan	Catherine Orr
Scott Mackey	Bader Chaarani	Nick Allgaier
Matt Albaugh	Shana Adise	Max Owens
Jonatan Gonzalez*	Zhipeng Cao*	Renata Cupertino*
Anthony Juliano*	Elina Thomas*	Matt McCabe*

* *Current*

Teaching Experience (Courses Taught)

Cognitive Psychology	Neuroimaging of Cognitive Processes
Methodology and Statistics	Psychological Disorders
Health Psychology	History of Psychology
Cognitive Neuroscience of Addiction	Learning, Cognition & Behavior
Cognition	Introduction to Functional Neuroimaging
Advanced Cognitive Neuroscience	

Professional Activities

- Served on external advisory panel to the 2015 NIDA Strategic Plan.
- Former member of the NPAS study section (2014-2018).
- Member of the Scientific Advisory Board of the Organization of Human Brain Mapping (2014 – present).
- Secretary of the Organization of Human Brain Mapping (2011-2012).
- Served as an *ad hoc* grant reviewer for: The National Institute of Health; National Science Foundation; The Economic and Social Research Council, UK; The Newton Trust, UK; Medical Research Council, UK.
- Served on Medical Research Council (UK) Addiction Project Group in developing a new grants programme for addiction research.
- Served as *ad hoc* reviewer for the following journals:
 - Addiction Biology
 - Archives of General Psychiatry
 - Biological Psychiatry
 - Biological Psychiatry: Cognitive Neuroscience and Neuroimaging
 - BMC Psychiatry
 - Brain
 - Brain & Cognition
 - Brain, Behavior and Immunity
 - Brain Structure & Function
 - Cerebral Cortex
 - Cognitive, Affective & Behavioral Neuroscience
 - Cognitive Brain Research
 - Drug & Alcohol Dependence
 - Emotion
 - European Journal of Neuroscience
 - Experimental Psychology
 - Frontiers in Bioscience
 - Frontiers in Neuroscience
 - Human Brain Mapping
 - JAMA Psychiatry
 - Journal of the American Academy of Child and Adolescent Psychiatry
 - Journal of Cognitive Neuroscience
 - Journal of Experimental Psychology: LMC
 - Journal of the International Physiological Society
 - Journal of Studies on Alcohol and Drugs
 - The Lancet
 - The Lancet Psychiatry
 - Memory & Cognition
 - Molecular Psychiatry
 - Nature Communications
 - Nature Neuroscience
 - Nature Reviews Neuroscience
 - Nature Scientific Reports
 - NeuroImage
 - Neuron
 - Neuropsychological Rehabilitation
 - Neuropsychopharmacology
 - NeuroReport
 - Neuroscience
 - Neuroscience & Biobehavioral Reviews
 - Progress in Neurobiology
 - Proceedings of the National Academy of Sciences
 - Psychiatry Research
 - Psychonomic Bulletin & Review
 - Psychopharmacology
 - Science
 - Schizophrenia Bulletin
 - Social, Cognitive and Affective Neuroscience
 - The Irish Journal of Psychological Medicine
 - The Journal of Neuroscience
 - Trends in Cognitive Sciences
- Served on Programme Committee for the International Neuropsychology Society Meeting

in Dublin (July 2005), the European Brain and Behaviour Society Meeting in Dublin (September 2005), and the Flux Society Annual Meeting (September 2016).

- Served as PhD external examiner for National University of Ireland, Maynooth; Bangor University, Wales; University of Toronto, Canada; The University of Newcastle, Australia; Monash University, Australia; University of Pittsburgh, USA.
- Outreach and media activities include numerous contributions to print (The Irish Times; The Irish Independent), radio (NPR; Vermont Public Radio; BBC; numerous Irish radio stations) and television (interviews plus documentaries on addiction, anxiety disorders and humour). Generated visual aids for Alzheimers care-giver video. Provided lecture on addiction for continuing medical education for the Irish College of General Practitioners.

Grants Awarded (PI only)

Dates	Agency	Topic	Amount	Role
2018-2023	National Institute on Drug Abuse	T32: Training in Complex Systems and Data Science Approaches Applied to the Neurobiology of Drug Use	\$1,217,730	PI
2018-2023	National Institute on Drug Abuse	ENIGMA- Addiction: Pooling of Existing Datasets to Identify Brain and Genetic Correlates of Addiction	\$3,717,740	PI
2020-2027	National Institute on Drug Abuse	ABCD-USA Consortium: Research Project	\$10 million	PI
2015-2020	National Institute on Drug Abuse	ABCD-USA Consortium: Research Project	\$6 million	PI
2014-2016	National Institute on Drug Abuse	ENIGMA-Addiction: A data-pooling of brain and genetic correlates of addiction.	\$445,000	PI
2013-2014	NBH spire microgrant (UVM)	A neuroimaging study on the cognitive and anxiolytic benefits of exercise.	\$8,000	PI
2008-2011	Health Research Board, Ireland	Neurocognitive risk and protective factors for addiction.	€300,000	PI
2006-2010	National Institute on Drug Abuse	The role of executive functions in cocaine abuse (continuation)	\$814,000	PI
2006-2011	EU Framework 6	Reinforcement-related behaviour in normal brain function and psychopathology	€10 million €488,000*	PI*
2006-2009	EU Marie Curie Transfer of Knowledge	Using cognitive neuroscience to understand how consumers make and maintain healthy food choices	€200,000	PI*

2006-2007	Royal City of Dublin Hospital Trust, Ireland	The role of cognitive control in cigarette smoking and abstinence	€45,000	PI
2001-2006	National Institute on Drug Abuse	The role of executive functions in cocaine abuse	\$1.3 million	PI
2002-2003	McDonnell Foundation	Functional imaging and neurorehabilitation	\$30,000	PI
2000	Enterprise Ireland	International collaboration programme (with Berkeley University)	£3000	PI
2000	Trinity College Dublin	Competitive Start-up Fund	£20,000	PI
1993-1994	Bowling Green State University	Research Fellowship	\$10,000	PI

** Refers to Ireland component only*

Other Awards and Honors

- Elected a Fellow of Trinity College Dublin in 2004.
- I was named mentor for postdoctoral Fellows Cristina Simoes and Elena Magno who obtained IRCSET (Irish Research Council for Science Engineering and Technology) and IRCHSS (Irish Research Council for the Humanities and Social Sciences) awards totalling approx. €200,000. I was a co-mentor for a K23 award for \$826,000 to Marc Copersino of McClean General Hospital, Harvard.
- I was a named supervisor for the successful Initiatives in Medicine in Ireland PhD bids by Drs. Sanders and O'Brien (approx. €400,000).
- Contributed to the successful PRTL I bid by Trinity College Dublin establishing the Trinity College Institute of Neuroscience (€28 million).

Invited Presentations / Conference Talks

Does not include departmental or university talks.

2001

Mar – Applied Psychology Unit, Cambridge, UK.

Mar – Beaumont Hospital, Dublin, Ireland.

April – Psychological Society of Ireland, Dublin, Ireland.

Nov – Society for Neuroscience Special Symposium, San Diego, USA.

2002

Feb – University College Dublin, Dublin, Ireland.

April – Brain Society, Trinity College, Dublin, Ireland.

May – University of Tuebingen, Tuebingen, Germany.

June – National Institute of Mental Health (NIH), Baltimore, USA.

Aug – National Institute of Drug Abuse (NIH), Baltimore, USA.

2003

July – Errors, Conflicts, and the Brain, Dortmund, Germany.

July – British Association for Psychopharmacology, Harrogate, UK.

Sept – European Behavioural Pharmacology Society, Antwerp, Belgium.

2004

Feb – Nathan Kline Institute, New York, USA.

Feb – Brookhaven National Laboratories, New York, USA

Mar – St. Patrick's Hospital, Dublin, Ireland.

April – Cognitive Neuroscience Society Symposium, San Francisco, USA.

Oct – National Rehabilitation Hospital, Dublin, Ireland.

2005

Mar – Control in Attention and Action, Amsterdam, The Netherlands.

July – Inaugural Academic Meeting, Trinity College Institute of Neuroscience.

July – Conway Institute, University College Dublin, Ireland.

Sept – National Institute on Drug Abuse, Bethesda, Maryland, USA.

Nov – Queen's University, Belfast, Northern Ireland.

Dec – Lausanne, Switzerland.

Dec – Prefrontal Function Symposium, Leuven, Belgium.

2006

June – Errors, Conflict and Reward, Amsterdam, The Netherlands.

Sept – Mechanisms of Addiction, Queensland, Australia.

Sept – University College Galway, Galway, Ireland.

Nov – University College London, London, UK.

Nov – Oxford University, Oxford, UK.

2007

Jan – Cambridge University, Cambridge, UK.

Jan – University College Dublin, Dublin, Ireland.

Oct – University of Wales, Bangor, UK.

- Sept – European Society for Cognitive Psychology.
 Sept – European Society for Biomedical Research on Alcoholism.

2008

- Jan – Pharmacology, Biochemistry & Behavior Conference, Morzine.
 Jan – Alpine Cognition Conference, Champéry.
 Feb – Royal Society, London.
 May – Dartmouth College, New Hampshire, USA.
 May – American Psychological Association workshop, Washington D.C.
 Nov – CUBRIC, Cardiff University, Wales.
 Nov – Society for Neuroscience Annual Meeting Symposium, Washington.
 Dec – Dopamine: From Bench to Bedside. NUIG, Ireland

2009

- Apr – University of Sussex, UK.
 Mar – Psychiatry Department Grand Rounds, University of Vermont, USA.
 May – Institute of Mental Health, Mannheim, Germany
 June – University of Barcelona, Spain.
 Oct – National Institute on Drug Abuse Symposium, Washington DC, USA
 Oct – National Institute on Drug Abuse, NIH, Baltimore USA
 Nov – Psychology Department, University of Vermont, USA.
 Nov – Montreal Neurological Institute's Killam lecture series, Montreal.
 Dec – The Mind Research Network, University of New Mexico, USA

2010

- June – Control and Motivation Symposium, University of Oxford, UK
 July – Department of Psychiatry, Albert Einstein University, New York, USA
 Nov – University Medical Center Hamburg-Eppendorf, Germany

2011

- Feb – Incentives and Health, University of Maryland, USA.
 May – Biological Psychiatry annual meeting, Prague, Czech Republic.
 June – Department of Psychology, UCLA, USA.
 June – College on Problems of Drug Dependence annual mtg, Florida, USA.
 Aug – European Behavioral Pharmacology Society, Amsterdam, Holland.
 Oct – Radiology Imaging Center Lecture, University of Vermont, USA.
 Oct – Complex Systems TEDx Event, University of Vermont, USA.

2012

- May – McLean Neuroscience Seminar, McLean Hospital, Boston, USA.
- May – Soirée Scientifique, CHU Sainte-Justine, Montréal, Canada.
- June – “Big Science - Imaging Genetics,” OHBM annual meeting, Beijing, China.
- Nov – University of Pittsburgh, Pittsburgh, USA.
- Dec – American College of Neuropsychopharmacology, Florida, USA.

2013

- Jan – Winter Conference on Brain Research, Breckenridge, Colorado, USA.
- Feb – Int’l Conf on Applications of Neuroimaging to Alcoholism, New Haven, USA.
- June – Philips Neuroscience MRI lunch, OHBM meeting, Seattle, USA.
- June – Japanese Neuroscience Society, Kyoto, Japan.
- Oct – University of Massachusetts Medical School, Massachusetts, USA.

2014

- Jan – Winter Conference on Brain Research, Steamboat Springs, Colorado, USA.
- Mar – National Institute on Drug Abuse, Baltimore, USA.
- May – Developmental and Population Neuroscience, University of Michigan, USA.
- May – Biological Psychiatry Annual Meeting, New York, USA.
- June – Int’l Congress on Insight in Psychiatry and Neurological Diseases, Poitiers, France.
- June – Research Society on Alcoholism annual meeting, Seattle, USA.
- June – Organization for Human Brain Mapping annual meeting, Hamburg, Germany.
- Oct – Am. Acad. of Child and Adolescent Psychiatry annual meeting, San Diego, USA.

2015

- Mar – Yale's Magnetic Resonance Research Center, New Haven, CO, USA.
- June – International Behavioral Neuroscience Society annual meeting, Victoria, CA.
- Sept – FLUX annual meeting, Leiden, The Netherlands.
- Oct – NIDA mini-convention, Society for Neuroscience annual meeting, Chicago, USA.
- Oct – Molecular Psychiatry annual meeting, San Francisco, USA.
- Nov – University of Rochester, Rochester, USA.
- Dec – ACNP annual meeting, Florida, USA.

2016

- Jan – APSARD annual meeting, Washington DC, USA.
- Feb – North Dakota State University, Fargo, USA.
- Apr – CHU Sainte-Justine, Montreal, Canada.
- May – The Neuroscience of Decision-Making, Montreal, Canada.
- June – American Psychiatric Association annual meeting, Atlanta, USA.
- June – Biological Psychiatry annual meeting, Atlanta, USA.

- June – Human Brain Mapping annual meeting, Geneva, Switzerland.
- June – Philips OHBM Neuroscience Lunch Symposium, Geneva, Switzerland.
- Oct – Persistent Maladaptive Behaviors: Why We Make Bad Choices, Rochester, NY.
- Dec – Merrill Palmer Skillman Institute at Wayne State University, Detroit, USA

2017

- Jan – Neuroscience Colloquium, University of British Columbia, Vancouver, Canada.
- Jan – Psychiatry Grand Rounds, Mt. Sinai, New York, USA.
- Feb – Child Health Research Center Seminar Series, Columbus, Ohio, USA.
- May – International Society for Research in Impulsivity (InSRI), San Diego, USA.
- June – College on Problems of Drug Dependence symposium, Montreal, Canada.
- Sept – European Behavioural Pharmacology Society, Crete, Greece.
- Sept – Flux annual meeting, Portland, Oregon, USA.
- Oct – Keynote: American Society of Functional Neuroradiology, Portland, Oregon, USA.
- Dec – American College of Neuropsychopharmacology, Palm Springs, CA, USA.
- Dec – UCSF Seminar Series, San Francisco, CA, USA.

2018

- Jan – Winter Conference on Brain Research, Whistler, BC, Canada.
- Mar – Vanderbilt Brain Institute Neuroscience Seminar Series, Nashville, TN, USA.
- Apr – Interdepartmental Drugs of Abuse Seminar Series, Ann Arbor, Michigan, USA.
- May – American Psychiatric Association Meeting, New York, USA.
- May – Biological Psychiatry Annual Meeting, New York, USA.
- May – Keynote: Social and Affective Neuroscience Annual Meeting, New York, USA.
- June – College on Problems of Drug Dependence Annual Meeting, New York, USA.
- Sept – Keynote: Addiction Science Congress, Tehran, Iran
- Oct – DEVSEC: Conference on the Use of Secondary Data, Phoenix, USA
- Nov – Translational Aspects of Stopping Behavior and Cognition, San Diego, USA
- Nov – ENIGMA-Addiction satellite meeting, SFN, San Diego, USA
- Dec – Neuroscience Society, Trinity College Dublin, Dublin, Ireland

2019

- Jan – Medical University of South Carolina, Charleston, SC, USA
- Feb – Vermont BrainBee, VT, USA
- Apr – German Society for Child and Adolescent Psychiatry, Mannheim, Germany
- June – Organization for Human Brain Mapping annual meeting, Rome, Italy
- June – College on Problems of Drug Dependence annual meeting, San Antonio, USA
- Aug – European Behavioural Pharmacology Society, Braga, Portugal

- Nov – Polygenic Scores, Genetics, and Brain Imaging, Montreal Canada
 Nov – Public lecture on cannabis and adolescence, Dublin, Ireland
 Dec – ABCD Data Use symposium, ACNP, Florida
 Dec – Cannabinoids: Risks and Benefits Across the Lifespan? ACNP, Florida

2020

- Jan – University of Wisconsin, Milwaukee, WI, USA
 Feb – Trinity College Institute of Neuroscience, Trinity College Dublin, Ireland.
 Sept – FLUX annual meeting, on-line.
 Sept – Addressing Neuroimaging Challenges Across Populations and Settings, NIH.
 Oct – ENIGMA-International Society of Addiction Medicine, on-line
 Oct – ABCD ReproNim: An ABCD Course on Reproducible Data Analysis, on-line
 Oct – College of Psychiatrists of Ireland, Online Winter Conference
 Oct – International Society for Addiction Medicine annual meeting, on-line
 Oct – Interdisciplinary Center of Addiction Research, University of Würzburg, on-line

2021

- Jan – American Professional Society of ADHD and Related Disorders, USA, on-line.
 Mar – University of Kansas Spring Seminar Series, USA, on-line.
 May – PHACS Spring Meeting, USA, on-line

Publications

Google Scholar Search:

<http://scholar.google.com/citations?user=EwNVxgEAAAAJ&hl=en>

Commentaries and Reports:

1. **Garavan H.** Stopping to Think About Stopping. Biol Psychiatry Cogn Neurosci Neuroimaging. 2020;5(5):476-477. doi:10.1016/j.bpsc.2020.03.009
2. **Garavan H, Chaarani B.** Reply to: Neural Remodeling Begins With the First Cigarette [published online ahead of print, 2020 Mar 17]. Biol Psychiatry Cogn Neurosci Neuroimaging. 2020;S2451-9022(20)30024-0. doi:10.1016/j.bpsc.2020.01.005
3. Compton WM, Dowling G, & **Garavan H.** (2019). Ensuring the Best Use of Data in Scientific Inquiry: The Adolescent Brain Cognitive Development Study. JAMA Pediatrics. doi: 10.1001/jamapediatrics.2019.2081

4. **Garavan H**, & Albaugh MD. (2019). Connecting with Resilience. Biological Psychiatry 85, 621-622.
5. **Garavan H** (2019). Advancing addiction research through expert consensus. Addiction 114(6), 1111-1112.
6. **Garavan H** (2005). Overview of the application of functional neuroimaging to studying addiction: with particular reference to cognitive neuroscience investigations. UK Government Foresight Report.

Book Chapters:

1. Spechler PA, Ivanciu A, & **Garavan H**. (2019). Risk and Protective Factors for Substance Use and Addiction. In "Textbook of Addiction Treatment: International Perspectives", 2nd edition. Springer Nature
2. Chaarani B, Hudson KE, Spechler PA, Foxe JJ, Potter A, & **Garavan H**. (2017). The Neural Basis of Response Inhibition and Substance Abuse. In "Wiley-Blackwell Handbook of Cognitive Control." Tobias Egner (Ed); Wiley-Blackwell.
3. **Garavan H**, Potter A, Brennan K, & Foxe JJ. (2015). Neural Bases of Addiction-Related Impairments in Response Inhibition. In "Wiley-Blackwell Handbook on the Cognitive Neuroscience of Addiction." Stephen J Wilson (Ed); Wiley-Blackwell.
4. Stanger C, & **Garavan H**. (2014). Potential Neural Influences in Contingency Management for Adolescent Substance Use. In "Neuroimaging and Psychosocial Addiction Treatment" Sarah Feldstein Ewing, Katie Witkiewitz, & Francesca Filbey, (Eds). Palgrave Macmillan.
5. Icke, I., Allgaier, N.A., Danforth, C.M., Whelan, R.A., **Garavan, H.**, Bongard, J.C., and the IMAGEN Consortium. (2014). A Deterministic and Symbolic Regression Hybrid Applied to Resting-State fMRI data. In Moore J., Kotanchek M., Riolo R. (Eds.), Genetic Programming Theory and Practice XI, 2013, Springer.
6. **Garavan, H.** (2011). Impulsivity and Addiction. In "Neuroimaging in the Addictions" B. Adinoff & E. A. Stein (Eds). ISBN: 978-0-470-66014-0
7. **Garavan, H.**, Kaufman, J.N., & Hester, R. (2010). Acute Effects of Cocaine on the Neurobiology of Cognitive Control. In "The Neurobiology of Addiction: New Vistas." T.W. Robbins, B.J. Everitt & D.J. Nutt (Eds). Oxford University Press.
8. **Garavan, H.**, & Murphy, K. (2009). Experimental Design. In "fMRI Techniques and Protocols (Neuromethods)." Massimo Filippi (Ed). Human Press.
9. **Garavan, H.**, Lingford-Hughes, A., Jones, T., Morris, P., Rothwell, J. & Williams, S. (2007). Neuroimaging. In Nutt D, Robbins T, Stimson G, Ince M & Jackson A. Drugs and the future: brain science, addiction and society. Elsevier, London.
10. Robertson, I., & **Garavan, H.** (2004). "Vigilant Attention." In The Cognitive Neurosciences, 3rd Edition, Gazzaniga, M. (Ed.). MIT Press.

11. **Garavan, H.**, Hester, R., & Fassbender, C. (2004). “fMRI studies of the midline cortex’s role in error-detection.” In M. Ullsperger & M. Falkenstein (eds.) *Errors, Conflicts, and the Brain. Current Opinions on Performance Monitoring*. Leipzig: MPI of Cognitive Neuroscience.

Published Articles:

1. Perkins, E. R., Joyner, K. J., Foell, J., Drislane, L. E., Brislin, S. J., Frick, P. J., Yancey, J. R., Soto, E. F., Ganley, C. M., Keel, P. K., Sica, C., Flor, H., Nees, F., Banaschewski, T., Bokde, A. L. W., Quinlan, E. B., Desrivieres, S., Grigis, A., **Garavan, H.**, Gowland, P., Heinz, A., Ittermann, B., Martinot, J.-L., Martinot, M.-L. P., Artiges, E., Orfanos, D. P., Poustka, L., Hohmann, S., Fröhner, J. H., Smolka, M. N., Walter, H., Whelan, R., Schumann, G., The IMAGEN Consortium, & Patrick, C. J. (in press). Assessing general versus specific liability for externalizing problems in adolescents: Concurrent and prospective prediction of symptoms of conduct disorder, ADHD, and substance use. Journal of Abnormal Psychology.
2. Cao Z ... **Garavan H.** Characterizing reward system neural trajectories from adolescence to young adulthood. Developmental Cognitive Neuroscience.
3. Ottino-Gonzalez J ... **Garavan, H.** Brain structural covariance network differences in adults with alcohol dependence and heavy drinking adolescents. Addiction.
4. Ottino-Gonzalez J ... **Garavan, H.** White matter microstructure differences in individuals with dependence on cocaine, methamphetamine, and nicotine: Findings from the ENIGMA-Addiction working group. Drug and Alcohol Dependence.
5. Sullivan, A. D., Brier, Z., Legrand, A., van Stolk-Cooke, K., Jovanovic, T., Norrholm, S. **Garavan, H.**, Forehand, R., & Price, M. (In Press). The enduring importance of parenting: Caregiving quality and fear-potentiated startle in emerging adults with a child maltreatment history. Child Maltreatment.
6. Chen D, ... **Garavan H** ... (In Press) Brain signatures during reward anticipation predict persistent ADHD symptoms. JAACAP.
7. Liao Z, ... **Garavan H** ... Similarity and stability of face network across populations and throughout adolescence and adulthood. NeuroImage.
8. Owens, M. M., Hahn, S., Allgaier, N., MacKillop, J., Albaugh, M., Yuan, D., Juliano, A., Potter, A., **Garavan, H.** (in press). One Year Predictions of Delayed Reward Discounting in the Adolescent Brain Cognitive Development Study. Experimental and Clinical Psychopharmacology.
9. Zhenyao Ye, Chen Mo, Kathryn S Hatch, Song Liu, Si Gao, Yizhou Ma, Elliot Hong, Paul Matthew Thompson, Neda Jahanshad, Ashley Acheson, **Hugh Garavan**, Li Shen, Thomas E. Nichols, Peter Kochunov, Shuo Chen, Tianzhou Ma White matter integrity and nicotine dependence: evaluating vertical and horizontal pleiotropy. Frontiers in Neuroscience.
10. Owens MM, Potter A, Hyatt C, Albaugh M, Thompson WK, Jernigan T, Yuan D, Hahn S, Allgaier N, & **Garavan H.** Recalibrating expectations about effect size: A multi-method survey of effect sizes in the ABCD study. PLOS One.

11. Kohlasch KL, Leigh-Anne Cioffredi, Carly Lenninger, Ellen Stewart, Tessa Vatalaro, **Hugh Garavan**, Alice Graham, Sarah H. Heil, Elizabeth E. Krans, Thalia Robakis, Anna Rommel, Elinor L. Sullivan, Moriah Thomason, Alexandra Potter. (2021). Factors associated with parent views about participation in infant MRI research provide guidance for the design of the Healthy Brain and Child Development (HBCD) study. Developmental Cognitive Neuroscience 50,
12. DePietro, J, Mackiewicz Seghete, KL, Krans, EE, Snider, KE, Bower, R, Parker, K, Gullickson, J, Potter, AS, **Garavan, H**, Vatalaro, TC, Thomason, ME, Sullivan, EL, & Graham, AM (in press). Stakeholder perspectives on advancing understanding of prenatal opioid exposure and brain development from the iOPEN Consortium of the Healthy Brain and Cognitive Development Study. Frontiers in Developmental Psychology.
13. Xu J, ... **Garavan H** ... Global urbanicity is associated with brain and behavior in young people. Nature Human Behaviour.
14. Albaugh M, Ph.D.¹; Jonatan Ottino-Gonzalez, Ph.D.¹; Amanda Sidwell, B.S.¹; Claude Lepage, Ph.D.²; Anthony Juliano, Psy.D.¹; Max M. Owens, Ph.D.¹; Bader Chaarani, Ph.D.¹; Philip Spechler, Ph.D.¹; Nicholas Fontaine, B.S.¹; Pierre Rioux, M.Sc.²; Lindsay Lewis, Ph.D.²; Seun Jeon, Ph.D.²; Alan Evans, Ph.D.²; Deepak D'Souza, M.D.³; Rajiv Radhakrishnan, M.D.³; Tobias Banaschewski, M.D., Ph.D.⁴; Arun L.W. Bokde, Ph.D.⁵; Erin Burke Quinlan, PhD⁶; Patricia Conrod, Ph.D.⁷; Sylvane Desrivieres, Ph.D.⁶; Herta Flor, Ph.D.^{8,9}; Antoine Grigis, Ph.D.¹⁰; Penny Gowland, Ph.D.¹¹; Andreas Heinz, M.D., Ph.D.¹²; Bernd Ittermann, Ph.D.¹³; Jean-Luc Martinot, M.D., Ph.D.¹⁴; Marie-Laure Paillere Martinot, M.D., Ph.D.¹⁵; Frauke Nees, Ph.D.^{4,8,16}; Dimitri Papadopoulos Orfanos, Ph.D.¹⁰; Tomáš Paus, M.D., Ph.D.¹⁷; Luise Poustka, M.D.¹⁸; Sabina Millenet, PhD⁴; Juliane H. Fröhner, M.Sc.¹⁹; Michael N. Smolka, M.D.¹⁹; Henrik Walter, M.D., Ph.D.¹²; Robert Whelan, Ph.D.²⁰; Gunter Schumann, M.D.^{6, 21}; Alexandra Potter, Ph.D.¹; & **Hugh Garavan**, Ph.D.¹; and IMAGEN Consortium. Association of Cannabis Use During Adolescence With Neurodevelopment. JAMA Psychiatry
15. Thompson WK, Anthony Steven Dick, PhD; Daniel Adan Lopez; Ashley L Watts, PhD; Steven Heeringa, PhD; Chase Reuter, PhD; Hauke Bartsch, PhD; Chun Chieh Fan, PhD; David N Kennedy, PhD; Clare Palmer, PhD; Andrew Marshall, PhD; Frank Haist, PhD; Samuel Hawes, PhD; Thomas E Nichols, PhD; Deanna M Barch; Terry Jarnigan, PhD; **Hugh Garavan**, PhD; Steven Grant, PhD; Vani Pariyadath, PhD; Elizabeth Hoffmann, PhD; Michael Neale, PhD; Elizabeth Stuart, PhD; Martin P Paulus; Kenneth Sher, PhD Meaningful Associations in the Adolescent Brain Cognitive Development Study. NeuroImage
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