Richard Cameron Craddock

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Education

PhD in Electrical and Computer Engineering 05/2003 – 12/2009
Georgia Institute of Technology, Atlanta, GA
Dissertation: Support Vector Classification Analysis of Resting State Functional Connectivity fMRI
Specializations: MR Physics, Bioengineering, and Digital Signal Processing
Minor: Mathematics
Advisors: Xiaoping Hu, PhD and Helen Mayberg, MD

MS in Electrical and Computer Engineering 01/2001 – 05/2003
Georgia Institute of Technology, Atlanta, GA
Specializations: Bioengineering and Digital Signal Processing
Minor: Mathematics
Advisor: Linda Wills, PhD

Bachelor of Computer Engineering 06/1995 – 08/1999
Georgia Institute of Technology, Atlanta, GA
Specializations: Telecommunications and Digital Signal Processing

Experience

Associate Professor 09/2017 – present
Department of Diagnostic Medicine,
Dell Medical School, The University of Texas, Austin, TX

Research Professor (courtesy appointment) 05/2016 – present
Department of Computer Science and Engineering,
NYU Tandon School of Engineering, Brooklyn, NY

Director, Computational Neuroimaging Lab 08/2014 – 08/2017
Center for Biomedical Imaging and Neuromodulation,
Nathan S. Kline Institute for Psychiatric Research, Orangeburg, NY

Director of Imaging 07/2012 – 08/2017
Center for the Developing Brain and the Healthy Brain Network,
Child Mind Institute, Inc., New York, NY

Research Scientist VI 07/2012 – 11/2015
Research Foundation for Mental Health, Inc.,
Nathan S. Kline Institute for Psychiatric Research, Orangeburg, NY

Postdoctoral Associate 10/2010 – 06/2012
Virginia Tech Carilion Research Institute, Roanoke, VA
Supervisor: Stephen M. LaConte, PhD

Research Associate 10/2009 – 10/2010
Computational Psychiatry Unit, Department of Neuroscience, Baylor College of Medicine, Houston, TX
Supervisor: Stephen M. LaConte, PhD

Supervising Research Specialist 01/2007 – 10/2009
Department of Psychiatry and Behavioral Sciences, Emory University School of Medicine, Atlanta, GA
Supervisors: Helen Mayberg, MD and Paul Holtzheimer, MD

Guest Researcher 06/2004 – 01/2007
Centers for Disease Control and Prevention, Atlanta, GA
Supervisors: Brian Gurbaxani, PhD and Suzanne Vernon, PhD

Research Assistant 11/2001 – 05/2004
School of Electrical and Computer Engineering, Georgia Institute of Technology, Atlanta, GA
Supervisor: Linda Wills, PhD

Engineer 01/2000 – 09/2001
Opuswave Networks Inc., Colorado Springs, CO

Junior Systems Engineer 08/1998 – 12/1998
Lucent Technologies Product Realization Center, Atlanta, GA

Stokes Undergraduate Scholar 08/1995 – 12/1999
Central Intelligence Agency, Washington DC

Previous Grant Support

1R01MH101555: Real-time fMRI Neurofeedback Based Stratification of Default Network Regulation
Principle Investigator: R. Cameron Craddock, PhD
Funding Source: National Institute of Mental Health BRAINS Award
Support Period: 08/2013 – 08/2017
Funding Amount: $1,600,000 USD

1R01MH101555-S1: Real-time fMRI Neurofeedback Based Stratification of Default Network Regulation
Principle Investigator: R. Cameron Craddock, PhD
Funding Source: National Institute of Mental Health *Competitive Supplement*
Support Period: 07/2015 – 05/2016
Funding Amount: $104,117 USD

C-PAC integration with the National Database for Autism Research (NDAR)
Principle Investigator: R. Cameron Craddock, PhD
Funding Source: National Institute of Mental Health Subcontract
Support Period: 02/2014 – 07/2014
Funding Amount: $75,000 USD

Neuro-Feedback for Default Mode Network Regulation in Major Depressive Disorder
Principle Investigator: R. Cameron Craddock, PhD
Mentors: Stephen LaConte, PhD and Helen Mayberg, MD
Funding Source: The Brain and Behavior Research Fund NARSAD Young Investigator Award
Support Period: 01/2011 – 01/2013
Funding Amount: $60,000 USD

Open Science

[Open Source] Configurable Pipeline for the Analysis of Connectomes
A python-based open source software package for performing connectivity analyses using functional MRI data on high-performance computing architectures.
Address: http://fcp-indi.github.io
Role: Project Director, Co-Principal Investigator

[Open Source] OpenCogLab Repository
Repository of free and open source implementations of computerized experiments for assessing human cognition.
Address: http://opencoglabrepository.github.io/
Role: Principle Investigator, Contributor

[Open Source] pyClusterROI
An open source python library for parcellating functional MRI data using spatially constrained normalized-cut spectral clustering.
Address: http://ccraddock.github.io/cluster_roi
Role: Primary Developer

[Open Source] The Preprocessed Connectomes Project Quality Assessment Protocol
An open source python library for estimating several different quality measures from functional and structural MRI data.
Address: http://preprocessed-connectomes-project.github.io/quality-assessment-protocol/
Role: Principle Investigator, Developer

[Data Sharing] The Enhanced Rockland Sample Neurofeedback Study Dataset
A neuroimaging database of 180 adults (21–45 years old, 50% female) with a variety of clinical and sub-clinical psychiatric symptoms performing a variety of tasks for assessing the default mode network.
Address: http://fcon_1000.projects.nitrc.org/indi/enhanced/
Role: Principle Investigator

[Data Sharing] Intrinsic Brain Activity Test-Retest Dataset
This dataset consists of two ten-minute resting state fMRI scans and two multi source interference task fMRI scans acquired during the same scanning session for thirty-six adults (20–48 years old). 14 of the participants returned for a second scanning session using the same scanning procedures.
Address: http://fcon_1000.projects.nitrc.org/indi/CoRR/html/ibatrt.html
Role: Contributor

[Data Sharing] The Enhanced Rockland Sample Dataset
A database of deep phenotyping and a comprehensive connectome neuroimaging assessment on individuals with a variety of clinical and sub-clinical psychiatric symptoms from across the lifespan.
Address: http://fcon_1000.projects.nitrc.org/indi/enhanced/
Role: Co-Investigator and Contributor

[Data Sharing] ADHD-200 Preprocessed Data
Preprocessed functional and structural data for 374 children and adolescents who suffer from ADHD and 598 typically developing controls from the ADHD-200 sample. Data was processed using three different software pipelines.
Address: http://neurobureau.projects.nitrc.org/ADHD200/Introduction.html
Role: Co-Principle Investigator, Contributor

[Data Sharing] ABIDE Preprocessed Data
Preprocessed functional and structural data for 539 individuals suffering from autism and 573 typical controls from the ABIDE dataset. Data was processed using four different functional processing pipelines and three different structural processing pipelines.
Address: http://preprocessed-connectomes-project.github.io/abide/
Role: Co-Principle Investigator, Contributor

[Data Sharing] The Neurofeedback Skull-stripped (NFBS) repository
A database of 125 manually skull-stripped T1-weighted anatomical MRI scans from the the Enhanced Rockland Sample Neurofeedback Study.
Address: http://preprocessed-connectomes-project.org/NFB_skullstripped/index.html
Role: Principle Investigator, Contributor

[Data Sharing] The Healthy Brain Network Serial Scanning Initiative
A database of 13 adult participants that were repeatedly scanned under each of four scan conditions across 12 sessions. The specific conditions varied respect to level of engagement, and included: 1) resting state, 2) naturalistic viewing of a sequence of abstract shapes, 3) naturalistic viewing of highly engaging movies and 4) performance of an active task.
Address: http://fcon_1000.projects.nitrc.org/indi/hbn_ssi/
Role: Co-Investigator

Patents

European Patent 11188849.1 – 1560 11/11/11
US Patent 20,130,144,154 06/13
Inventors: R. Cameron Craddock, Yating Lv, Daniel Margulies, Arno Villringer
Title: Method and apparatus for visualization of tissue perfusion by means of assessing BOLD signal fluctuations

Journal Publications

[1] Anibal Sólon Heinsfeld, Alexandre Rosa Franco, **R. Cameron Craddock**, Augusto Buchweitz, and Felipe Meneguzzi. Identification of autism spectrum disorder using deep learning and the ABIDE dataset. *NeuroImage: Clinical*, 17:16 – 23, 2018. [DOI:10.1016/j.nicl.2017.08.017] [PMID: 29034163] [Open Access].

[2] Adon F.G. Rosen, David R. Roalf, Kosha Ruparel, Jason Blake, Kevin Seelaus, Lakshmi P. Villa, Rastko Ciric, Philip A. Cook, Christos Davatzikos, Mark A. Elliott, Angel Garcia de La Garza, Efstathios D. Gennatas, Megan Quarmley, J. Eric Schmitt, Russell T. Shinohara, M. Dylan Tisdall, **R. Cameron Craddock**, Raquel E. Gur, Ruben C. Gur, and Theodore D. Satterthwaite. Quantitative assessment of structural image quality. *NeuroImage*, 169:407 – 418, 2018. [DOI:10.1016/j.neuroimage.2017.12.059] [PMID: 29278774] [Preprint].

[3] Alexandre Abraham, Michael P. Milham, Adriana Di Martino, **R. Cameron Craddock**, Dimitris Samaras, Bertrand Thirion, and Gael Varoquaux. Deriving reproducible biomarkers from multi-site resting-state data: An autism-based example. *NeuroImage*, 147:736 – 745, 2017. [DOI:10.1016/j.neuroimage.2016.10.045] [PMID: 27865923] [Preprint].

[4] Lindsay M Alexander, Jasmine Escalera, Lei Ai, Charissa Andreotti, Karina Febre, Alexander Mangone, Natan Vega-Potler, Nicolas Langer, Alexis Alexander, Meagan Kovacs, et al. An open resource for transdiagnostic research in pediatric mental health and learning disorders. *Scientific data*, 4:170181, 2017. [Preprint] [Data Sharing].

[5] Pierre Bellec, Carlton Chu, François Chouinard-Decorte, Yassine Benhajali, Daniel S. Margulies, and **R. Cameron Craddock**. The Neuro Bureau ADHD-200 Preprocessed repository. *NeuroImage*, 144, Part B:275 – 286, 2017. [DOI:10.1016/j.neuroimage.2016.06.034] [PMID:27423255] [Data Sharing] [Open Access] [Preprint].

[6] Nicholas T. Van Dam, David O'Connor, Enitan T. Marcelle, Erica J. Ho, **R. Cameron Craddock**, Russell H. Tobe, Vilma Gabbay, James J. Hudziak, F. Xavier Castellanos, Bennett L. Leventhal, and Michael P. Milham. Data-driven phenotypic categorization for neurobiological analyses: Beyond dsm-5 labels. *Biological Psychiatry*, 81(6):484 – 494, 2017. [DOI:10.1016/j.biopsych.2016.06.027] [PMID:27667698] [Open Access] [Preprint].

[7] Adriana Di Martino, David O'Connor, Bosi Chen, Kaat Alaerts, Jeffrey Anderson, Michal Assaf, Joshua Balsters, Leslie Baxter, Anita Beggiato, Sylvie Bernaerts, Laura Blanken, Susan Bookheimer, Blair B. Braden, Lisa Byrge, Francisco Castellanos, Mirella Dapretto, Richard Delorme, Damien Fair, Inna Fishman, Jacqueline Fitzgerald, Louise Gallagher, R. Joanne Jao Keehn, Dan Kennedy, Janet Lainhart, Beatriz Luna, Stewart Mostofsky, Ralph-Axel Müller, Mary Beth Nebel, Joel Nigg, Kirsten O'Hearn, Marjorie Solomon, Roberto Toro, Chandan Vaidya, Nici Wenderoth, Tonya White, **R. Cameron Craddock**, Catherine Lord, Bennett Leventhal, and

Michael Milham. Enhancing studies of the connectome in autism using the Autism Brain Imaging Data Exchange II. *Scientific Data*, 4, 2017. [DOI:10.1038/sdata.2017.10] [PMID: 28291247] [Data Sharing] [Open Access].

[8] Erin Dickie, Steven M Hodge, **R. Cameron Craddock**, Jean-Baptiste Poline, and David N. Kennedy. Tools matter: Comparison of two surface analysis tools applied to the abide dataset. *Research Ideas and Outcomes*, 3:e13726, 2017. [Open Access] [Open Source].

[9] Manuel Garcia-Garcia, Aki Nikolaidis, Pierre Bellec, **R. Cameron Craddock**, Brian Cheung, Francisco X. Castellanos, and Michael P. Milham. Detecting stable individual differences in the functional organization of the human basal ganglia. *NeuroImage*, 2017. [PMID: 28739120].

[10] Krzysztof J. Gorgolewski, Fidel Alfaro-Almagro, Tibor Auer, Pierre Bellec, Mihai Capotă, M. Mallar Chakravarty, Nathan W. Churchill, Alexander Li Cohen, **R. Cameron Craddock**, Gabriel A. Devenyi, Anders Eklund, Oscar Esteban, Guillaume Flandin, Satrajit S. Ghosh, J. Swaroop Guntupalli, Mark Jenkinson, Anisha Keshavan, Gregory Kiar, Franziskus Liem, Pradeep Reddy Raamana, David Raffelt, Christopher J. Steele, Pierre-Olivier Quirion, Robert E. Smith, Stephen C. Strother, Gaël Varoquaux, Yida Wang, Tal Yarkoni, and Russell A. Poldrack. BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. *PLOS Computational Biology*, 13(3):1–16, 03 2017. [DOI:10.1371/journal.pcbi.1005209] [PMID: 28278228] [Open Source] [Preprint].

[11] Franziskus Liem, Gaël Varoquaux, Jana Kynast, Frauke Beyer, Shahrzad Kharabian Masouleh, Julia M. Huntenburg, Leonie Lampe, Mehdi Rahim, Alexandre Abraham, **R. Cameron Craddock**, Steffi Riedel-Heller, Tobias Luck, Markus Loeffler, Matthias L. Schroeter, Anja Veronica Witte, Arno Villringer, and Daniel S. Margulies. Predicting brain-age from multimodal imaging data captures cognitive impairment. *NeuroImage*, 148:179 – 188, 2017. [PMID: 27890805] [Preprint].

[12] Amalia R. McDonald, Jordan Muraskin, Nicholas T.Van Dam, Caroline Froehlich, Benjamin Puccio, John Pellman, Clemens C.C. Bauer, Alexis Akeyson, Melissa M. Breland, Vince D. Calhoun, Steven Carter, Tiffany P. Chang, Chelsea Gessner, Alyssa Gianonne, Steven Giavasis, Jamie Glass, Steven Homann, Margaret King, Melissa Kramer, Drew Landis, Alexis Lieval, Jonathan Lisinski, Anna Mackay-Brandt, Brittny Miller, Laura Panek, Hayley Reed, Christine Santiago, Eszter Schoell, Richard Sinnig, Melissa Sital, Elise Taverna, Russell Tobe, Kristin Trautman, Betty Varghese, Lauren Walden, Runtang Wang, Abigail B. Waters, Dylan C. Wood, F.Xavier Castellanos, Bennett Leventhal, Stanley J. Colcombe, Stephen LaConte, Michael P. Milham, and **R. Cameron Craddock**. The real-time fmri neurofeedback based stratification of default network regulation neuroimaging data repository. *NeuroImage*, 146:157 – 170, 2017.

[13] Michael P. Milham, **R. Cameron Craddock**, and Arno Klein. Clinically useful brain imaging for neuropsychiatry: How can we get there? *Depression and Anxiety*, 34(7):578–587, 2017. [PMID: 28426908].

[14] David O'Connor, Natan Vega Potler, Meagan Kovacs, Ting Xu, Lei Ai, John Pellman, Tamara Vanderwal, Lucas Parra, Samantha Cohen, Satrajit Ghosh, Jasmine Escalera, Natalie Grant-Villegas, Yael Osman, Anastasia Bui, **R. Cameron Craddock**, and Michael P. Milham. The healthy brain network serial scanning initiative: a resource for evaluating inter-individual differences and their reliabilities across scan conditions and sessions. *Gigascience*, 2017. [DOI:10.1093/gigascience/giw011] [PMID: 28369458] [Data Sharing] [Preprint].

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[20] **R. C. Craddock**, Daniel S. Margulies, Pierre Bellec, B. Nolan Nichols, Sarael Alcauter, Fernando A. Barrios, Yves Burnod, Christopher J. Cannistraci, Julien Cohen-Adad, Benjamin De Leener, Sebastien Dery, Jonathan Downar, Katharine Dunlop, Alexandre R. Franco, Caroline Seligman Froehlich, Andrew J. Gerber, Satrajit S. Ghosh, Thomas J. Grabowski, Sean Hill, Anibal Sólon Heinsfeld, R. Matthew Hutchison, Prantik Kundu, Angela R. Laird, Sook-Lei Liew, Daniel J. Lurie, Donald G. McLaren, Felipe Meneguzzi, Maarten Mennes, Salma Mesmoudi, David O'Connor, Erick H. Pasaye, Scott Peltier, Jean-Baptiste Poline, Gautam Prasad, Ramon Fraga Pereira, Pierre-Olivier Quirion, Ariel Rokem, Ziad S. Saad, Yonggang Shi, Stephen C. Strother, Roberto Toro, Lucina Q. Uddin, John D. Van Horn, John W. Van Meter, Robert C. Welsh, and Ting Xu. Brainhack: a collaborative workshop for the open neuroscience community. *GigaScience*, 5(1):1–8, 2016. [DOI:10.1186/s13742-016-0121-x] [PMID:27042293] [Open Access].

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[25] Benjamin Puccio, James P. Pooley, John S. Pellman, Elise C. Taverna, and **R. Cameron Craddock**. The preprocessed connectomes project repository of manually corrected skull-stripped T1-weighted anatomical mri data. *GigaScience*, 5(1):45, 2016. [DOI:10.1186/s13742-016-0150-5] [PMID:27782853] [Data Sharing] [Open Access] [Preprint].

[26] Zhi Yang, Xi-Nian Zuo, Katie L. McMahon, **R. Cameron Craddock**, Clare Kelly, Greig I. de Zubicaray, Ian Hickie, Peter A. Bandettini, F. Xavier Castellanos, Michael P. Milham, and

Margaret J. Wright. Genetic and environmental contributions to functional connectivity architecture of the human brain. *Cerebral Cortex*, 26(5):2341–2352, 2016. [DOI:10.1093/cercor/bhw027] [PMID:26891986] [Open Access].

[27] P. Bellec, Y. Benhajali, F. Carbonell, C. Dansereau, G. Albouy, M. Pelland, **C. Craddock**, O. Collignon, J. Doyon, E. Stip, and P. Orban. Impact of the resolution of brain parcels on connectome-wide association studies in fMRI. *Neuroimage*, 123:212–228, Dec 2015.

[28] T. D. Satterthwaite, S. N. Vandekar, D. H. Wolf, D. S. Bassett, K. Ruparel, Z. Shehzad, **R. C. Craddock**, R. T. Shinohara, T. M. Moore, E. D. Gennatas, C. Jackson, D. R. Roalf, M. P. Milham, M. E. Calkins, H. Hakonarson, R. C. Gur, and R. E. Gur. Connectome-wide network analysis of youth with Psychosis-Spectrum symptoms. *Mol. Psychiatry*, 20(12):1508–1515, Dec 2015.

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[31] **R. Cameron Craddock**, Rosalia L Tungaraza, and Michael P. Milham. Connectomics and new approaches for analyzing human brain functional connectivity. *GigaScience*, 4(1):13, mar 2015.

[32] Gonzalo M Rojas, Marcelo Gálvez, Natan Vega Potler, **R. Cameron Craddock**, Daniel S Margulies, F Xavier Castellanos, and Michael P. Milham. Stereoscopic three-dimensional visualization applied to multimodal brain images: Clinical applications and a functional connectivity atlas. *Frontiers in Neuroscience*, 8(328), Oct 2014. [DOI:10.3389/fnins.2014.00328] [Open Access].

[33] A. Di Martino, D. A. Fair, C. Kelly, T. D. Satterthwaite, F. X. Castellanos, M. E. Thomason, **R. C. Craddock**, B. Luna, B. L. Leventhal, X. N. Zuo, and M. P. Milham. Unraveling the Miswired Connectome: A Developmental Perspective. *Neuron*, 83(6):1335–1353, Sep 2014. [DOI:10.1016/j.neuron.2014.08.050] [PMID:25233316] [Open Access].

[34] Z. Shehzad, C. Kelly, P. T. Reiss, **R. Cameron Craddock**, J. W. Emerson, K. McMahon, D. A. Copland, F. X. Castellanos, and M. P. Milham. A multivariate distance-based analytic framework for connectome-wide association studies. *NeuroImage*, 93 Pt 1:74–94, Jun 2014. [DOI:10.1016/j.neuroimage.2014.02.024] [PMID:24583255] [Open Access] [Open Source].

[35] Z. Yang, **R. C. Craddock**, D. S. Margulies, C. G. Yan, and M. P. Milham. Common intrinsic connectivity states among posteromedial cortex subdivisions: Insights from analysis of temporal dynamics. *NeuroImage*, 93 Pt 1:124–137, Jun 2014. [DOI:10.1016/j.neuroimage.2014.02.014] [PMID:24560717] [Open Access].

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[37] K. J. Gorgolewski, D. Lurie, S. Urchs, J. A. Kipping, **R. C. Craddock**, M. P. Milham, D. S. Margulies, and J. Smallwood. A correspondence between individual differences in the brain's

intrinsic functional architecture and the content and form of self-generated thoughts. *PLoS ONE*, 9(5):e97176, 2014.

[38] L. E. Stoeckel, K. A. Garrison, S. Ghosh, P. Wighton, C. A. Hanlon, J. M. Gilman, S. Greer, N. B. Turk-Browne, M. T. deBettencourt, D. Scheinost, **R. C. Craddock**, T. Thompson, V. Calderon, C. C. Bauer, M. George, H. C. Breiter, S. Whitfield-Gabrieli, J. D. Gabrieli, S. M. LaConte, L. Hirshberg, J. A. Brewer, M. Hampson, A. Van Der Kouwe, S. Mackey, and A. E. Evins. Optimizing real time fMRI neurofeedback for therapeutic discovery and development. *NeuroImage: Clinical*, 5:245–255, 2014.

[39] Zhen Yang, **R. Cameron Craddock**, and Michael P. Milham. Impact of hematocrit on measurements of the intrinsic brain. *Frontiers in Neuroscience*, 8(452), 2014.

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Preprints

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Invited Talks

[1] **R. Cameron Craddock**. How to organize and share data: the brain imaging data structure. In *Practicalities for reproducible neuro-imaging 2.0 Educational Workshop, Proceedings Organization of Human Brain Mapping 23rd Annual Meeting*, Vancouver, 2017.

[2] **R. Cameron Craddock**. Strategies for building a grant portfolio. In *Student / Post Doc SIG Mentorship and Career Development Symposium, Proceedings Organization of Human Brain Mapping 23rd Annual Meeting*, Vancouver, 2017.

[3] **R. Cameron Craddock**, Alain Daighar, Emily S. Finn, Daniel S. Margulies, and Monica Rosenberg. Can you lie to mri? the science of mind reading. In *Proceedings of 2017 South by Southwest (SXSW) Interactive Festival*, Austin, Texas, 2017.

[4] **R. Cameron Craddock**. Advanced neuroimaging techniques for assessing brain development. In *63rd Annual Meeting of the American Academy of Child & Adolescent Psychiatry*, New York, New York, 2016. [Slides].

[5] **R. Cameron Craddock**. Computational approaches for mapping the human connectome. In *PUCRS Department of Computer Science Speaker Series*, Porto Alegre, Brazil, 2016. [Slides].

[6] **R. Cameron Craddock**. Impact of motion on resting state fmri and functional connectivity. In *Proceedings Organization of Human Brain Mapping 22nd Annual Meeting*, Geneva, Switzerland, 2016. [Slides].

[7] **R. Cameron Craddock**. Prediction analysis in clinical and basic neuroscience. In *2016 Resting State and Brain Connectivity Conference Symposium "The Emerging Field of Predictive Analytics in Neuroimaging: Applications, Challenges and Perspectives"*, Austria, Vienna, 2016. [Slides].

[8] **R. Cameron Craddock**. The Preprocessed Connectomes Project Quality Assessment Protocol. In *2016 The University of Alabama at Birmingham Visual Brain Core Seminar Series*, Birmingham, Alabama, 2016. [Slides].

[9] **R. Cameron Craddock**. Tracking dynamic networks in real time. In *Proceedings of the 3rd Whistler Scientfic Workshop: Brain Functional Organization, Connectivity, and Behavior*, Whistler-Blackcomb, British Columbia, Canada, 2016.

[10] **R. Cameron Craddock**. Using realtime fmri based neurofeedback to probe default network regulation. In *University of Illinois at Chicago Behavioral Neuroscience Seminar Series*, Chicago, Illinois, 2016.

[11] **R. Cameron Craddock** and Daniel S. Margulies. Pimp My Brain: A Crash Course in DIY Brainhacking. In *Proceedings of 2016 South by Southwest (SXSW) Interactive Festival*, Austin, Texas, 2016.

[12] **R. Cameron Craddock**. Analyzing Connectomes in the Cloud. In *Brainhacking educational course, Proceedings Organization of Human Brain Mapping 21st Annual Meeting*, Honolulu, Hawaii, 2015.

[13] **R. Cameron Craddock**. Open science resources for addressing 'big data' challenges in psychiatric neuroimaging. In *Neuroimaging and Informatics Institute Seminar, Fall 2015*, Los Angeles, California, 2015.

[14] **R. Cameron Craddock**. Open science resources for analyzing brain connectivity. In *OHBM Hackathon, Proceedings Organization of Human Brain Mapping 21st Annual Meeting*, Honolulu, Hawaii, 2015.

[15] **R. Cameron Craddock**. The Preprocessed Connectomes Project Quality Assessment Protocol - a resource for measuring the quality of MRI data. In *Neuroinformatics 2015*, Cairns, Australia, 2015.

[16] **R. Cameron Craddock**. Using realtime fmri based neurofeedback to probe default network regulation. In *Proceedings of the 62nd Annual Meeting of the American Academy of Child and Adolescent Psychiatry*, San Antonio, Texas, 2015.

[17] **R. Cameron Craddock**. Using real-time fmri based neurofeedback to probe default network regulation. In *Pioneering Frontiers in Functional Brain Imaging for Psychiatry Symposium, Society of Biomedical Psychiatry 69th Annual Meeting*, New York, NY, 2014.

[18] **R. Cameron Craddock**. Using realtime fmri based neurofeedback to probe default network regulation. In *Yale University Magnetic Resonance Research Center fMRI Speaker Series*, New Haven, Connecticut, 2014.

[19] **R. Cameron Craddock**. The configurable pipeline for the analysis of connectomes. In *Neuroimaging "Big Data" Challenges and Computational Workflow Solutions Educational Workshop, Proceedings Organization of Human Brain Mapping 19th Annual Meeting*, Seattle, 2013.

[20] **R. Cameron Craddock**. The Neuro Bureau Preprocessing Initiative: open sharing of preprocessed neuroimaging data and derivatives. In *Neuroinformatics 2013*, Stockholm, Sweden, 2013.

[21] **R. Cameron Craddock**. The current state of resting state literature. In *The systematic and automated analysis of the large functional brain databases of papers*, Paris, France, 2012.

[22] **R. Cameron Craddock**. Tracking resting state networks in real time. In *Educational Workshop, Proceedings Organization of Human Brain Mapping 18th Annual Meeting*, Beijing, 2012.

[23] **R. Cameron Craddock**, Jonathan M. Lisinski, Pearl Chiu, Helen S. Mayberg, and Stephen M. LaConte. Real-time tracking and biofeedback of the default mode network. In *Proceedings Organization of Human Brain Mapping 18th Annual Meeting*, Beijing, 2012.

[24] **R. Cameron Craddock**, Jonathan M. Lisinski, and Stephen LaConte. Online denoising strategies for real-time tracking default mode network activity. In *Proceedings Third Biennial International Conference on Resting-State Functional Connectivity*, Magdeburg, Germany, 2012.

[25] **R. Cameron Craddock**. Applications of mvpa to the analysis of resting state fmri data: Disease state prediction, brain state prediction, and real-time fmri. In *Max Planck Institute*, Leipzig, Germany, 2010.

[26] **R. Cameron Craddock**. Applications of mvpa to the analysis of resting state fmri data: Disease state prediction, brain state prediction, and real-time fmri. In *Otto von Guericke University*, Magdeburg, Germany, 2010.

[27] **R. Cameron Craddock**. Applications of mvpa to the analysis of resting state fmri data: Disease state prediction, brain state prediction, and real-time fmri. In *University of Modena and Reggio Emilia*, Modena, Italy, 2010.

[28] **R. Cameron Craddock**. Applications of mvpa to the analysis of resting state fmri data: Disease state prediction, brain state prediction, and real-time fmri. In *Brain Imaging Series Lecture, Center for Advanced Brain Imaging*, Atlanta, GA, 2010.

[29] **R. Cameron Craddock**. Applying mvpa to fmri. In *New York University Child Study Center*, New York, NY, 2010.

[30] **R. Cameron Craddock** and Daniel S. Margulies. What is the neuro bureau? In *Proceedings Second Biennial International Conference on Resting State Connectivity*, Milwaukee, MI, 2010.

[31] **R. Cameron Craddock**, Paul E. Holtzheimer, Xiaoping P. Hu, and Helen S. Mayberg. Disease state prediction from resting state fmri. In *Proceedings OHBM 15th Annual Meeting*, San Francisco, CA, 2009.

[32] **R. Cameron Craddock**. Computing for public health. In *Intel Opportunities Scholars Program, Georgia Institute of Technology*, Atlanta, GA, 2006.

[33] **R. Cameron Craddock**, Brian M. Gurbaxani, and Suzanne D. Vernon. Evaluation of single channel oligonucleotide preprocessing pipelines using predictability and reproducibility. In *BioInfoSummer*, Canberra, AU, 2006.

[34] **R. Cameron Craddock**, Renee Taylor, Gordon Broderick, Toni Whistler, Nancy Klimas, and Elizabeth R. Unger. Exploration of statistical dependence between illness parameters using the entropy correlation coefficient. In *CFS Computation Challenge, Banbury Conference Center, Cold Springs Harbor Lab*, Cold Spring Harbor, NY, 2006.

[35] **R. Cameron Craddock**. Computing in biology. In *Intel Opportunity Scholars Program, Georgia Institute of Technology*, Atlanta, GA, 2005.

Conference Abstracts

[1] Alexander Opitz, Michael D Fox, **R. Cameron Craddock**, Stan Colcombe, and Michael P Milham. Targeting resting state networks of the dorsolateral prefrontral cortex with tms. In *NYC Neuromodulation 2015*, volume 10, page e10, New York, New York, 2017. Elsevier.

[2] **R. Cameron Craddock**, Yassine Benhajali, Carlton Chiu, Francois Chouinard, András Jakab, Qingyang Li, Alan Evans, Budhachandra Khundrakpam, John Lewis, Michael Milham, Chao-Gan YAN, and Pierre Bellec. The preprocessed connectomes project: An open science repository of preprocessed data. In *71st Annual Scientific Conference of the Society of Biological Psychiatry*, Atlanta, GA, 2016.

[3] Krzysztof Gorgolewski, Tibor Auer, Vince D. Calhoun, **R. Cameron Craddock**, Samir Das, Eugene Duff, Guillaume Flandin, Satra Ghosh, Tristan Glatard, Yaroslav Halchenko, Daniel Handwerker, Michael Hanke, David Keator, Xiangrui Li, Zachary Michael, Camille Maumet, B Nichols, Thomas Nichols, Jean-Baptiste Poline, Ariel Rokem, Gunnar Schaefer, Vanessa Sochat, Jessica A. Turner, Gael Varoquaux, and Russell Poldrack. The brain imaging data structure: a format for organizing and describing neuroimaging data. In *Proceedings Organization of Human Brain Mapping 22nd Annual Meeting*, Geneva, Switzerland, 2016.

[4] Nicolas Langer, Erica Ho, Enitan Marcelle, Lindsay Alexander, **R. Cameron Craddock**, Kenneth Schuster, Michael Milham, and Simon Kelly. A multi-modal approach to disentangle underlying mechanisms of the clinical measure: processing speed. In *23rd Annual Meeting of the Cognitive Neuroscience Society*, New York, New York, 2016.

[5] David O'Connor, Natan Vega Potler, Tamara Vanderwal, Lucas Parra, Samantha Cohen, Satra Ghosh, Jasmine Escalera, Natalie Grant-Villegas, Diana Kwon, Yael Osman, Meagan Kovacs, **R. Cameron Craddock**, and Michael Milham. Evaluating the impact of scan state on the reliability of inter-individual differences in full-brain functional connectivity. In *23rd Annual Meeting of the Cognitive Neuroscience Society*, New York, New York, 2016.

[6] David O'Connor, Natan Vega Potler, Tamara Vanderwal, Lucas Parra, Samantha Cohen, Satra Ghosh, Jasmine Escalera, Natalie Grant-Villegas, Diana Kwon, Yael Osman, Meagan Kovacs, **R. Cameron Craddock**, and Michael Milham. Impact of scan state on inter-individual differences in full-brain functional connectivity. In *Proceedings Organization of Human Brain Mapping 22nd Annual Meeting*, Geneva, Switzerland, 2016.

[7] Tamara Vanderwal, Jeffrey Eilbott, Adam Turnbull, **R. Cameron Craddock**, and F. Xavier Castellanos. Individual differences in functional connectivity during movie-watching. In *Fifth Biennial Conference on Resting State Brain Connectivity*, Austria, Vienna, 2016.

[8] Ting Xu, **R. Cameron Craddock**, Alexander Opitz, Xi-Nian Zuo Xuo, and Michael P. Milham. Mapping variation in local transition of functional network boundaries across the lifespan. In *Proceedings Organization of Human Brain Mapping 22nd Annual Meeting*, Geneva, Switzerland, 2016.

[9] Ting Xu, **R. Cameron Craddock**, Alexander Opitz, Xi-Nian Zuo Xuo, and Michael P. Milham. Mapping variation of functional areal boundaries across the lifespan. In *Fifth Biennial Conference on Resting State Brain Connectivity*, Austria, Vienna, 2016.

[10] Ting Xu, Alexander Opitz, **R. Cameron Craddock**, Xi-Nian Zuo Xuo, and Michael P. Milham. Intrinsic areal organization in individual brain: Unique, reliable and heritable. In *Fifth Biennial Conference on Resting State Brain Connectivity*, Austria, Vienna, 2016.

[11] Ting Xu, Alexander Opitz, **R. Cameron Craddock**, Xi-Nian Zuo Xuo, and Michael P. Milham. Intrinsic areal organization in the individual brain: Unique and reliable. In *Proceedings Organization of Human Brain Mapping 22nd Annual Meeting*, Geneva, Switzerland, 2016.

[12] Daniel Clark, Christian Haselgrove, David Kennedy, Zhizhong Liu, Michael Milham, Petros Petrosyan, Carinna Torgerson, John Van Horn, and **R. Cameron Craddock**. Harnessing clound computing for high capacity analysis of neuroimaging data from NDAR. In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[13] Daniel Clark, Christian Haselgrove, David N Kennedy, Zhizhong Liu, Michael Milham, Petros Petrosyan, Carinna Torgerson, John Van Horn, and **R. Cameron Craddock**. Harnessing cloud computing for high capacity analysis of neuroimaging data from NDAR. *Frontiers in Neuroscience*, (21), 2015.

[14] Stan Colcombe, Michael Milham, Anna MacKay-Brandt, **R. Cameron Craddock**, Phillip Reiss, and Rong Jiao. Leveraging t2$*$ properties of functional MRI to image iron; you can do it too! In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[15] **R. Cameron Craddock**. The Preprocessed Connectomes Project Quality Assessment Protocol - a resource for measuring the quality of MRI data. *Frontiers in Neuroscience*, (47), 2015.

[16] Krzysztof Jacek Gorgolewski, Jean-Baptiste Poline, David B Keator, B Nolan Nichols, Tibor Auer, **R. Cameron Craddock**, Guillaume Flandin, Satrajit S Ghosh, Vanessa V Sochat, Ariel Rokem, Yaroslav O Halchenko, Michael Hanke, Christian Haselgrove, Karl Helmer, Camille Maumet, Thomas E. Nichols, Jessica A Turner, Samir Das, David N Kennedy, and Russell A Poldrack. Brain Imaging Data Structure - a new standard for describing and organizing human neuroimaging data. *Frontiers in Neuroscience*, (56), 2015.

[17] David B Keator, Jean-Baptiste Poline, B Nolan Nichols, Satrajit S Ghosh, Camille Maumet, Krzysztof Jacek Gorgolewski, Tibor Auer, **R. Cameron Craddock**, Gang Chen, Guillaume Flandin, Yaroslav O Halchenko, Michael Hanke, Christian Haselgrove, Karl Helmer, Mark Jenkinson, Arno Klein, Linda Lanyon, Daniel Marcus, Daniel Margulies, Frank Michel, Thomas E. Nichols, Russell A Poldrack, Richard Reynolds, Ziad Saad, Tanya Schmah, Jason Steffener, Jessica A Turner, John Darrell Van Horn, Samir Das, and David N Kennedy. Standardizing metadata in brain imaging. *Frontiers in Neuroscience*, (4), 2015.

[18] Gregory Kiar, William Gray Roncal, Eric Bridgeford, Disa Mhembere, Anthony Kolasny, Daniel Clark, Michael Milham, **R. Cameron Craddock**, and Joshua Vogelstein. Community Connectomics via Cloud Computing. In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[19] Nicolas Langer, Enitan Marcelle, Erica Ho, **R. Cameron Craddock**, Kenneth Schuster, Michael Milham, and Simon Kelly. A mult-modal approach to deconstructing a standard clinical measure of processing speed. In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[20] Alexander Opitz, Micheal Fox, **R. Cameron Craddock**, Stan Colcombe, and Micheal Milham. Targeting functional networks with TMS. In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[21] Giueseppe Pagnoni, Jonathan Lisinski, **R. Cameron Craddock**, and Stephen LaConte. Tracking Resting State Networks in real-time to control experimental events and task performance. In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[22] Jean Baptiste Poline, Samir Das, David Keator, Krzysztof Gorgolewski, Tibor Auer, Gang Chen, **R. Cameron Craddock**, Guillaume Flandin, Satrajit Ghosh, Yaroslav Halchenko, Michael Hanke, Christian Haselgrove, Karl Helmer, Mark Jenkinson, Arno Klein, Daniel Marcus, Daniel Margulies, Camille Maumet, Franck Michel, Nolan Nichols, Thomas Nichols, Russell Poldrack, Richard Reynolds, Ziad S Saad, Tanya Schmah, Jason Steffener, Jessica Turner, Theo van Erp, John Van Horn, and David Kennedy. How to make brain imaging research efficient and reproducible: building software and standards. In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[23] Theodore Satterthwaite, Simon Vandekar, Danielle Bassett, Daniel Wolf, Kosha Ruparel, Zarrar Shehzad, Tyler Moore, **R. Cameron Craddock**, Russell Shiohara, Mark Elliot, Monica Calkins, Michael Milham, Ruben Gur, and Raquel Gur. Connectome-wide association study reveals dysconnectivity in youth with psychosis-spectrum symptoms (oral presentation). In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[24] Zarrar Shehzad, Steven Giavasis, Qingyang Li, Yassine Benhajali, Chaogan Yan, Zhen Yang, Michael Milham, Pierre Bellec, and **R. Cameron Craddock**. The Preprocessed Connectomes Project Quality Assessment Protocol - a resource for measuring the quality of mri data. *Frontiers in Neuroscience*, (47), 2015.

[25] Shangsi Wang, Zhi Yang, Michael Milham, **R. Cameron Craddock**, Xi-Nian Zuo, Carey Priebe, and Joshua Vogelstein. Optimal experimental design for generating reference connectome datasets. In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[26] Ting Xu, Alexander Opitz, **R. Cameron Craddock**, Xi-Nian Zuo, and Michael Milham. Facing the artificial effects of surface-based computation in resting-state fMRI study. In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[27] Chao-Gan Yan, Stan Colcombe, Zhen Yang, **R. Cameron Craddock**, Charles Schroeder, Francisco Castellanos, and Michael Milham. Facing the artificial effects of surface-based computation in resting-state fMRI study. In *Proceedings Organization of Human Brain Mapping 21st Annual Meeting, Honolulu, Hawaii*, Honolulu, Hawaii, 2015.

[28] David Keator, Satrajit Ghosh, Camille Maumet, Guillaume Flandin, Nolan Nichols, Thomas Nichols, Gully Burns, Rüdiger Brüehl, **R. Cameron Craddock**, Blaise Frederick, Krzysztof Gorgolewski, Daniel Marcus, Michael Hanke, Christian Haselgrove, Karl Helmer, Arno Klein, Michael Milham, Russell Poldrack, Franck Michel, Jason Steffener, Yannick Schwartz, Rich Stoner, Jessica Turner, David Kennedy, and Jean-Baptiste Poline. Developing and using the neuroimaging and data sharing data model: the nidash working group. In *Proceedings Organization of Human Brain Mapping 20th Annual Meeting, Hamburg, Germany*, Hamburg, Germany, 2014.

[29] Adriana Di Martino, Krishna Somandepalli, **R. Cameron Craddock**, and Michael P. Milham. An emerging paradigm for examination of autism in early brain development. In *Pioneering Frontiers in Functional Brain Imaging for Psychiatry Symposium, Society of Biomedical Psychiatry 69th Annual Meeting, New York, NY*, New York, NY, 2014.

[30] Chao-Gan YAN, **R. Cameron Craddock**, Yong He, and Michael Milham. Addressing head motion dependencies for small-world topologies in functional connectomics. In *Proceedings Organization of Human Brain Mapping 20th Annual Meeting, Hamburg, Germany*, Hamburg, Germany, 2014.

[31] Zhen Yang, **R. Cameron Craddock**, Chao-Gan YAN, and Michael Milham. Reproducibility, reliability, and relevance of dynamic intrinsic functional connectivity. In *Proceedings Organization of Human Brain Mapping 20th Annual Meeting, Hamburg, Germany*, Hamburg, Germany, 2014.

[32] Zhen Yang, Nathan A. Fox, Carl W. Lejuez, Zarrar Shehzad, Bennett Leventhal, Francisco X. Castellanos, **R. Cameron Craddock**, and Michael P. Milham. Intrinsic brain indices of distress tolerance identified in life span sample using static and dynamic analyses. In *Society of Biomedical Psychiatry 69th Annual Meeting, New York, NY*, New York, NY, 2014.

[33] Zhen Yang, Daniel Lurie, David O'Connor, **R. Cameron Craddock**, and Michael Milham. Impact of hematocrit on measurement of the intrinsic brain. In *Proceedings Organization of Human Brain Mapping 20th Annual Meeting, Hamburg, Germany*, Hamburg, Germany, 2014.

[34] Zhi Yang, Xi-Nian Zuo, Katie McMahon, **R. Cameron Craddock**, Clare Kelly, Greig de Zubicaray, Ian Hickie, Peter Bandettini, F. Xavier Castellanos, Michael Milham, and Margaret Wright. Heritability of intrinsic connectivity network profiles in the human brain. In *Proceedings Organization of Human Brain Mapping 20th Annual Meeting, Hamburg, Germany*, Hamburg, Germany, 2014.

[35] Kaat Alaerts, Kritika Nayar, Jessica Raithe, **R. Cameron Craddock**, Michael P. Milham, F. Xavier Castellanos, and Adriana Di Martino. Relationship between social impairment and neural measures of functional connectivity in autism. In *Proceedings Organization of Human Brain Mapping 19th Annual Meeting, Seattle, WA*, Seattle, 2013.

[36] **R. Cameron Craddock**, Yassine Benhajali, Carlton Chiu, Francois Chouinard, András Jakab, Qingyang Li, Alan Evans, Budhachandra Khundrakpam, John Lewis, Michael Milham, Chao-Gan YAN, and Pierre Bellec. The Neuro Bureau Preprocessing Initiative: open sharing of preprocessed

neuroimaging data and derivatives. In *Proceedings Organization of Human Brain Mapping 19th Annual Meeting, Seattle, WA*, Seattle, 2013.

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[66] KiSueng Choi, **R. Cameron Craddock**, Paul E. Holtzheimer, Xiaoping P. Hu, and Helen S. Mayberg. White matter disruption in early- and late-onset depression: a tract-based spatial statistical analysis. In *Proceedings 16th Scientific Meeting, International Society for Magnetic Resonance in Medicine*, page 3553, Toronto, 2008. Poster Award: 2nd Place.

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depressive disorder. In *Proceedings 16th Scientific Meeting, International Society for Magnetic Resonance in Medicine*, page 3599, Toronto, 2008.

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[70] G. Andy James, Scott J. Peltier, **R. Cameron Craddock**, Stephen M. La Conte, Helen S. Mayberg, and Xiaoping P. Hu. Reliable modeling of resting-state emotional networks in major depressive disorder: Applicability of exploratory structural equation modeling to small sample sizes. In *Proceedings 16th Scientific Meeting, International Society for Magnetic Resonance in Medicine*, page 95, Toronto, 2008.

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[78] Toni Whistler, Renee Taylor, **R. Cameron Craddock**, Gordon Broderick, Nancy Klimas, and Elizabeth R. Unger. Gene expression correlates of unexplained fatigue. In *Experimental Biology*, San Francisco, 2006.

[79] **R. Cameron Craddock**, Eric Aslakson, and Suzanne D. Vernon. Development of a gene expression microarray database for flexible data processing, analysis, and archiving. In *CDC Genomics Day*, Atlanta, 2005.

[80] Matthew Tiller, Eric Aslakson, **R. Cameron Craddock**, and Suzanne D. Vernon. Development of a text mining tool that provides gene informatino in specific disease and biological context. In *13th Annual International Conference on Intelligent Systems for Molecular Biology*, Detriot, 2005.

Teaching

10/2016, *Performing High-Throughput Connectomes Analysis with C-PAC Hands-on Course*, Institute of Neurobiology, UNAM, Querétaro, Mexico — organized and taught all lectures of 2-day course

12/2015, *Performing High-Throughput Connectomes Analysis with C-PAC Hands-on Course*, Child Mind Institute, New York, New York — organized and taught most lectures of 2-day course

10/2015, *Performing High-Throughput Connectomes Analysis with C-PAC Hands-on Course*, Institute of Neurobiology, UNAM, Querétaro, Mexico — organized and taught most lectures of 2-day course

07/2015, *Functional Neuroimaging: A Hands On Approach*, Instituto do Cérebro, PUCRS Porto Alegre, Brazil — taught several lectures of 4-day course

08/2014, *Functional Neuroimaging: A Hands On Approach*, Instituto do Cérebro, PUCRS Porto Alegre, Brazil — taught several lectures of 4-day course

07/2014, *0407–03: Biomedical Instrumentation and Medical Imaging — Mapping the Connectivity of the Human Brain*, [Web page], Engenharia Elétrica, PUCRS Porto Alegre, Brazil — taught 1 credit of 3 credit course

08/2013, *Functional Neuroimaging: A Hands On Approach*, Instituto do Cérebro, PUCRS Porto Alegre, Brazil — taught several lectures of 4-day course

Service

Education Chair, The Organization for Human Brain Mapping, 2017 – 2019

Founding Chair, The Organization for Human Brain Mapping Open Science Special Interest Group

Co-founder, The Neuro Bureau

Guest Editor, Gigascience Brainhack Thematic Series, NeuroImage Special Issue on Brain Segmentation and Parcellation

Editor, 2015 Brainhack Proceedings (GigaScience Journal), 2016 Brainhack Proceedings (Research Ideas and Outcomes Journal)

Conference Organizer, 2012 BrainHack and UnConference, Brainhack 2013, Brainhack EDT 2014, 2015 OHBM Hackathon, Brainhack Americas 2015, Brainhack MX 2015, 2016 OHBM Hackathon, Brainhack Vienna 2016, Brainhack LA 2016, Brainhack Global 2017

Conference Reviewer, 17th Meeting of the Organization for Human Brain Mapping (2011), 16th Meeting of the Organization for Human Brain Mapping (2010), 13th International Conference on Medical Image Computing and Computer Assisted Intervention (2010)

Grant Reviewer, 2014–2017 New Jersey Commission on Brain Injury Research, 2015 NSF/NIH Collaborative Research on Computational Neuroscience

Journal Reviewer, NeuroImage, Human Brain Mapping, Journal of Neuroscience Methods, Frontiers in Systems Neuroscience, IEEE Transactions in Medical Imaging, Magnetic Resonance Imaging, Biological Psychiatry, Frontiers in Neuroanatomy, Neuroinformatics, JAMA Psychiatry

Judge, 2005 Georgia State Science and Engineering Fair, Athens, GA

Mentor, 2002–2003 Georgia Tech Intel Opportunity Scholars, Atlanta, GA, 2011–2014 Child Mind Institute Endeavor Scientist Program

Video Advisor, 2010–2011, NeuroImage YouTube Channel

Honors and Awards

2013, Biobehavioral Research Awards for Innovative New Scientists (BRAINS), NIH/NIMH
2011, Poster Award, 1st Place Functional Imaging, 19th Scientific Meeting of the International Society for Magnetic Resonance in Medicine, Montreal
2010, NARSAD Young Investigator Award, Brain and Behavior Research Foundation
2010, Philips Travel Stipend Award, Second Biennial International Conference on Resting-State Functional Brain Connectivity
2009, Organization of Human Brain Mapping Trainee Abstract Award
2008, CCB/IPAM MBI Summer Fellow
2008, ISMRM Educational Stipend
2007, ISMRM Educational Stipend
2006, BioInfoSummer 2006 Travel Scholarship
2006, ISMRM Educational Stipend
2003, Georgia Tech Office of Minority Education Tower Award
2000–2001, Opuswave Networks INC.: numerous individual/team awards
1998, CIA Meritorious Unit Citation
1998, Lucent Technologies Achievement Award
1995–1999, Stokes Undergraduate Scholarship
1995–1999, Georgia Tech Dean's List seven times
1995–1999, Georgia Tech Faculty Honors twice

Professional Memberships

International Society for Magnetic Resonance in Medicine
Organization for Human Brain Mapping

Other Education/Certifications

2010, Siemens ICE and SDE programming courses

For More Information:

Google Scholar Citations: http://tinyurl.com/CameronCraddockCitations
Impact Story: https://impactstory.org/u/0000-0002-4950-1303
Github: https://github.com/ccraddock
ResearchGate: https://www.researchgate.net/profile/Cameron_Craddock
Researcher ID:http://www.researcherid.com/rid/P-1980-2014
ORCiD: http://orcid.org/0000-0002-4950-1303
SciENcv: https://www.ncbi.nlm.nih.gov/myncbi/richard.craddock.1/cv/18275/
SlideShare: http://www.slideshare.net/CameronCraddock